Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. 14°**Υ**25'50 0°00'37 -900 Apr 13 j 15:26 -899 Mar 21 j 09:12 13°**)** 12'44 superior conj morning set -900 Apr 13 j 15:24 14°Y25'39 0°00'38 -899 Mar 26 j 19:05 24°\(\frac{1}{25}\)'10 1.32990 AU max. Earth dist. minimum elong -900 Apr 13 j 10:21 13°Y58'02 behind sun begin 14°Y53'18 29° ¥ 08'49 -0°25'43 -900 Apr 13 j 20:28 -899 Mar 29 j 00:05 behind sun end superior conj -900 Apr 13 j 14:03 14°**Y**18'13 -899 Mar 29 j 01:18 29°\ 15'21 0°25'27 asc. node minimum elong  $0^{\circ}\Upsilon$ -900 Apr 20 j 13:44 29°**Y**26'40 evening rise -899 Mar 29 j 09:35 4°Υ27'50 -900 Apr 20 j 20:03  $0^{\circ}$ 8 asc. node -899 Mar 31 j 11:07 14°**Y**20′14 -900 May 07 j 14:04  $\Pi$  $^{\circ}$ 0 evening rise -899 Apr 05 j 01:33 0°8 evening max el -900 May 16 j 21:45 11°**Ⅱ**11'11 25°02'21 -899 Apr 12 j 23:30 desc. node -900 May 23 j 20:31 16°**Ⅲ**24'15 evening max el -899 Apr 28 j 12:28 21°**8**49'47 23°29'38 retrograde -900 May 30 j 21:53 18°**Ⅲ**18'22 desc. node -899 May 10 j 17:33 28°**8**33'20 evening set -900 Jun 05 j 03:44 17°**Ⅲ**15′13 retrograde -899 May 12 j 03:10 28°**8**37'48 -900 Jun 10 j 09:25 min. Earth dist. 14°**Ⅲ**26′06 0.57531 AU evening set -899 May 15 j 22:30 28°**8**05'54 inferior conj -900 Jun 13 j 10:38 12°**Ⅲ**23'08 -4°28'15 min. Earth dist. -899 May 22 j 22:53 24°852'15 0.55948 AU minimum elong -900 Jun 13 j 07:13 12°**Ⅲ**28'56 4°27'54 inferior conj -899 May 25 j 00:05 23°**8**38'59 -3°36'51 morning rise -900 Jun 21 j 13:29 8°**Ⅱ**11'39 minimum elong -899 May 24 j 17:18 23°**8**49'07 3°35'15 direct -900 Jun 24 j 02:54 7°**Ⅱ**52′26 morning rise -899 Jun 02 j 14:56 19°**8**42'25 morning max el -900 Jul 02 j 22:47 11°**Ⅱ**59'50 19°06'27 direct -899 Jun 05 j 06:22 19°825'08 asc. node -900 Jul 10 j 13:16 21°**Ⅱ**49'58 morning max el -899 Jun 15 j 15:14 24°**8**12'53 20°11'36 -900 Jul 15 j 05:10 0ಂತಾ -899 Jun 20 j 16:50  $0^{\circ}II$ morning set -900 Jul 19 j 19:12 8°951'43 asc. node -899 Jun 27 j 10:21 10°**Ⅱ**42'45 morning set -899 Jul 03 i 23:26 23°II24'21 superior conj -900 Jul 28 i 03:23 25°9517'52 1°47'37 -899 Jul 07 j 04:47 0ಂತಾ minimum elong -900 Jul 28 i 03:44 25°9519'29 1°47'38 -900 Jul 30 j 14:30  $0^{\circ}\Omega$ -899 Jul 11 j 17:19 9°**©**13′02 1°44'50 superior coni -900 Aug 03 j 17:16 7°**Ω**36'57 -899 Jul 11 j 16:01 9°906'29 1°44'48 max. Earth dist. 1 38468 AU minimum elong -900 Aug 07 j 13:14 -899 Jul 16 j 22:15 19°**©**27'24 1.36581 AU 14°**Ω**25′16 max Earth dist evening rise -900 Aug 16 j 22:49 evening rise -899 Jul 20 j 21:02  $0^{\circ}$  mb 26°951'17 -900 Aug 19 j 19:51 -899 Jul 22 j 14:43 desc node 4° Tp 28'23  $0^{\circ}\Omega$ -900 Sep 07 j 11:02 -899 Aug 06 j 16:52 0∘∙ 24°**Ω**41'56 desc. node -900 Sep 12 j 05:21 24°42'55 -899 Aug 10 j 08:35 evening max el 5°**£**09'47 0° m -899 Aug 25 j 16:34 -900 Sep 23 j 17:19 11°**≙**52'05 18° m 45'24 25°53'49 retrograde evening max el -900 Sep 29 j 07:32 9°**₽**30'11 -899 Sep 07 j 02:14 25° m 50'39 evening set retrograde -900 Oct 03 j 21:59 -899 Sep 13 j 06:58 min. Earth dist. 4°**£**14'48 0.67287 AU evening set 23° m 13'50 -900 Oct 04 j 17:36 -899 Sep 17 j 13:22 inferior conj 3°**2**09'37 -0°36'56 min. Earth dist. 18° Mp 34'43 0.66664 AU -900 Oct 04 j 18:30 -899 Sep 18 j 20:11 minimum elong 3°**2**06'36 0°36'33 inferior conj 16° m 57'18 -1°32'21 -900 Oct 06 j 12:28 -899 Sep 18 j 22:29 asc. node 0°**ჲ**50'28 minimum elong 16° m 50'01 1°31'25 -900 Oct 07 j 05:08 30°R, Mp -899 Sep 23 j 09:32 11° Mp 55'26 asc. node -900 Oct 10 j 05:32 27° Mp 06'41 morning rise -899 Sep 24 j 14:15 11° m 03'29 morning rise -900 Oct 13 j 21:15 25° m/49'47 -899 Sep 27 j 19:36 10° m 03'41 direct direct -900 Oct 21 j 07:23 0∘**⊽** -899 Oct 04 j 19:43 14° Mp 00'33 19°07'11 morning max el -900 Oct 21 j 13:09 0°**2**14'28 20°04'55 -899 Oct 16 j 16:12 0∘**ত** morning max el -900 Nov 11 j 23:01 -899 Oct 27 j 12:09 16°**♀**50'21 0°M morning set -900 Nov 15 j 19:10 -899 Nov 02 j 16:12 26°**♀**30'20 desc. node 5°M53'27 desc. node 8°ML06'04 morning set -900 Nov 17 j 05:31 -899 Nov 04 j 21:42 0°M max. Earth dist. -900 Nov 28 i 08:41 25°M34'54 1.43836 AU max. Earth dist. -899 Nov 11 i 00:11 9°MJ35'31 1.44762 AU -900 Dec 01 i 02:40 0°×7 superior conj -899 Nov 13 i 03:13 12°M57'01 -1°04'42 -900 Dec 03 i 16:41 4°**х** 11′59 -1°40′20 minimum elong -899 Nov 12 j 19:43 12°M27'22 1°03'51 superior coni -900 Dec 03 i 09:43 3°×743'32 1°39'47 -899 Nov 23 j 18:48 0°×7 minimum elong -900 Dec 16 i 18:22 26°**х** 10′37 -899 Nov 28 j 02:47 7°**х** 03′56 evening rise evening rise -900 Dec 18 j 23:37 0°궁 -899 Dec 12 j 10:29 0°궁 -899 Jan 02 j 11:47 22°る39'13 -899 Dec 18 j 04:49 7°る20'09 18°35'58 asc. node evening max el

evening max el -899 Jan 03 j 16:51 23°る57'41 18°12'53 asc. node -899 Dec 20 j 08:49 9°**ප**16'17 -899 Jan 10 j 04:53 27°る26'10 retrograde -899 Dec 24 j 20:14 11°る01'51 retrograde 26°る43'58 -899 Jan 13 j 01:30 -899 Dec 27 j 21:49 10°る09'07 evening set evening set -899 Jan 19 j 06:01 21°る25'55 3°50'29 -898 Jan 02 j 18:13 4°る32'56 3°32'41 inferior conj inferior conj -899 Jan 19 j 04:50 21°る29'05 3°50'23 -898 Jan 02 j 15:49 4°る40'06 3°32'16 minimum elong minimum elong -899 Jan 21 j 19:55 18°る39'23 0.63084 AU -898 Jan 04 j 16:57 2°**る**14'09 0.64725 AU min. Earth dist. min. Earth dist. -899 Jan 25 j 07:22 15°**る**26'38 -898 Jan 06 j 17:37 morning rise 30°₽**⋌**7 -899 Feb 01 j 07:39 12°**る**43'35 -898 Jan 08 j 09:23 28°**х** 26'31 direct morning rise -899 Feb 11 j 18:22 17°る27'46 direct -898 Jan 15 j 04:41 25°**х** 34'13 desc. node morning max el -899 Feb 15 j 04:20 20°る34'03 27°43'36 -898 Jan 24 j 22:14 0°궁 -899 Feb 23 j 08:22 0°≈ morning max el -898 Jan 28 j 13:43 3°る19'14 27°12'48 -899 Mar 14 j 11:44 0°**)**€ desc. node -898 Jan 29 j 15:26 4°る24'56 Command: swevents -p2 -doall -mpdf -eswe -b1.1.-900 -n366732 -s0.5 -roundmin

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 2 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: T                | he year -900 in                  | astronomical cou | inting style is the year | 901 BCE in historical cou                  | inting style.                     |            |
|---------------------|--|----------------------------------|------------------|--------------------------|--|-----------------------------------|------------|
|                     | -898 Feb 17 j 16:59                        | 0° <b>≈</b>                      |                  |                          | -897 Jan 22 j 07:13                        | 0°ಕ                               |            |
| morning set         | -898 Mar 05 j 00:38                        | 26° <b>≈</b> 59'46               |                  |                          | -897 Feb 10 j 13:39                        | 0° <b>≈</b>                       |            |
|                     | -898 Mar 06 j 13:23                        | 0° <b>∀</b>                      |                  | morning set              | -897 Feb 16 j 03:16                        | 10° <b>≈</b> 03'55                |            |
| max. Earth dist.    | -898 Mar 09 j 17:21                        | 6° <b>¥</b> 22'43                | 1.33896 AU       | max. Earth dist.         | -897 Feb 20 j 03:58                        | 17° <b>≈</b> 45'33                | 1.35254 AU |
| superior conj       | -898 Mar 13 j 04:21                        | 13° <b>¥</b> 34'08               | -0°52'02         | superior conj            | -897 Feb 25 j 01:54                        | 27° <b>≈</b> 34'45                | -1°16'57   |
| minimum elong       | -898 Mar 13 j 06:47                        | 13° <b>)</b> (46′57              |                  | minimum elong            | -897 Feb 25 j 05:18                        | 27°≈52'03                         |            |
| asc. node           | -898 Mar 18 j 08:10                        | 24° <b>)</b> (30'54              | 0 013.           | g                        | -897 Feb 26 j 06:17                        | 0° <b>∀</b>                       | 1 10 20    |
| evening rise        | -898 Mar 20 j 12:17                        | 29° <b>H</b> 05'29               |                  | evening rise             | -897 Mar 04 j 20:04                        | 13° <b>∺</b> 36'19                |            |
| e vennig 11se       | -898 Mar 20 j 22:44                        | 0°Υ                              |                  | asc. node                | -897 Mar 05 j 05:11                        | 14° <b>H</b> 23'06                |            |
|                     | -898 Apr 07 j 21:12                        | 0°8                              |                  | ase. Houe                | -897 Mar 13 j 09:04                        | 0°Υ                               |            |
| evening max el      | -898 Apr 10 j 06:48                        | 2° <b>8</b> 30'45                | 21°55'51         | evening max el           | -897 Mar 23 j 10:34                        | 13° <b>Υ</b> 39'48                | 20°32'48   |
| retrograde          | -898 Apr 22 j 20:49                        | 8° <b>8</b> 39'26                | 21 00 01         | retrograde               | -897 Apr 03 j 10:00                        | 18° <b>Y</b> 55'51                | 20 32 10   |
| evening set         | -898 Apr 25 j 12:26                        | 8° <b>8</b> 23'46                |                  | evening set              | -897 Apr 05 j 14:18                        | 18° <b>Y</b> 44'15                |            |
| desc. node          | -898 Apr 27 j 14:36                        | 7° <b>8</b> 50'48                |                  | desc. node               | -897 Apr 14 j 11:38                        | 14° <b>Y</b> 55'09                |            |
| inferior conj       | -898 May 04 j 22:17                        | 4° <b>8</b> 18'46                | -2°02'15         | inferior conj            | -897 Apr 14 j 17:23                        | 14° <b>Υ</b> 46'49                | -0°04'06   |
| minimum elong       | -898 May 04 j 16:49                        | 4° <b>8</b> 26'28                |                  | minimum elong            | -897 Apr 14 j 17:12                        | 14° <b>Υ</b> 47'06                | 0°04'02    |
| min. Earth dist.    | -898 May 04 j 12:06                        | 4° <b>8</b> 33'06                | 0.55102 AU       | transit middle           | -897 Apr 14 j 17:12                        | 14° <b>Y</b> 47'06                | 0°04'02    |
| morning rise        | -898 May 13 j 22:25                        | 0° <b>8</b> 22'12                |                  | transit begin            | -897 Apr 14 j 13:16                        | 14° <b>Y</b> 52'47                |            |
| direct              | -898 May 16 j 19:42                        | 0° <b>8</b> 03'39                |                  | transit end              | -897 Apr 14 j 21:07                        | 14° <b>Υ</b> 41'24                |            |
| morning max el      | -898 May 28 j 20:37                        | 5° <b>8</b> 43'16                | 21°35'43         | min. Earth dist.         | -897 Apr 16 j 01:50                        | 13° <b>Y</b> 59'50                | 0.55197 AU |
| asc. node           | -898 Jun 14 j 07:25                        | 0° <b>Ⅱ</b> 04'13                |                  | morning rise             | -897 Apr 23 j 18:51                        | 10° <b>Ƴ</b> 31'57                |            |
|                     | -898 Jun 14 j 06:33                        | 0°II                             |                  | direct                   | -897 Apr 27 j 07:43                        | 10° <b>Y</b> 04'48                |            |
| morning set         | -898 Jun 18 j 08:07                        | 8° <b>Ⅱ</b> 11'50                |                  | morning max el           | -897 May 10 j 16:24                        | 16° <b>Ƴ</b> 35′23                | 23°13'04   |
| C                   | ,  |                                  |                  | Č                        | -897 May 21 j 08:22                        | 0°8                               |            |
| superior conj       | -898 Jun 25 j 16:33                        | 23° <b>II</b> 37'06              | 1°35'17          | asc. node                | -897 Jun 01 j 04:28                        | 19° <b>8</b> 47'02                |            |
| minimum elong       | -898 Jun 25 j 14:19                        | 23° <b>Ⅲ</b> 25′26               | 1°35'05          | morning set              | -897 Jun 02 j 19:19                        | 23° <b>8</b> 08'35                |            |
|                     | -898 Jun 28 j 18:56                        | 0° <b>©</b>                      |                  |                          | -897 Jun 06 j 00:47                        | $\Pi^{\circ}0$                    |            |
| max. Earth dist.    | -898 Jun 29 j 10:46                        | 1°520'10                         | 1.34995 AU       |                          |  |                                   |            |
| evening rise        | -898 Jul 03 j 22:34                        | 10°9510'24                       |                  | superior conj            | -897 Jun 09 j 22:05                        | 8° <b>Ⅱ</b> 20'47                 | 1°20'30    |
|                     | -898 Jul 15 j 02:15                        | $0^{\circ}\Omega$                |                  | minimum elong            | -897 Jun 09 j 19:33                        | 8° <b>Ⅱ</b> 07'13                 | 1°20'09    |
| desc. node          | -898 Jul 24 j 13:54                        | 14° <b>Ω</b> 32'34               |                  | max. Earth dist.         | -897 Jun 12 j 09:14                        | 13° <b>Ⅱ</b> 34'39                | 1.33790 AU |
|                     | -898 Aug 05 j 21:45                        | 0° <b>m</b> )                    |                  | evening rise             | -897 Jun 17 j 13:08                        | 24° <b>Ⅱ</b> 09'16                |            |
| evening max el      | -898 Aug 08 j 04:17                        | 2° Mp 18'00                      | 26°48'49         |                          | -897 Jun 20 j 13:13                        | $0$ $\circ$                       |            |
| retrograde          | -898 Aug 21 j 06:02                        | 9° <b>m</b> ,35'09               |                  |                          | -897 Jul 08 j 15:38                        | $0^{\circ}\Omega$                 |            |
| evening set         | -898 Aug 27 j 23:34                        | 6° Mp 49′48                      |                  | desc. node               | -897 Jul 11 j 10:55                        | 3° <b>Ω</b> 50′18                 |            |
| min. Earth dist.    | -898 Aug 31 j 22:34                        | 2° Mp 48'01                      | 0.65691 AU       | evening max el           | -897 Jul 21 j 15:53                        | 15° <b>Ω</b> 37'42                | 27°20'21   |
| inferior conj       | -898 Sep 02 j 17:40                        | 0° Mp 41'08                      |                  | retrograde               | -897 Aug 04 j 04:05                        | 22° <b>Ω</b> 57'48                |            |
| minimum elong       | -898 Sep 02 j 21:15                        | 0° m/30'35                       | 2°25'24          | evening set              | -897 Aug 11 j 06:33                        | 20° <b>Ω</b> 13'31                |            |
|                     | -898 Sep 03 j 07:41                        | 30°R€                            |                  | min. Earth dist.         | -897 Aug 14 j 23:26                        |                                   | 0.64354 AU |
| morning rise        | -898 Sep 08 j 19:26                        | 24° <b>Ω</b> 59'28               |                  | inferior conj            | -897 Aug 17 j 07:43                        | 14°Ω16'27                         |            |
| asc. node           | -898 Sep 10 j 06:35                        | 24° <b>Ω</b> 24'25               |                  | minimum elong            | -897 Aug 17 j 12:09                        | 14° <b>Ω</b> 04'32                | 3°16'07    |
| direct              | -898 Sep 11 j 16:48                        | 24° <b>Ω</b> 13'05               | 10005101         | morning rise             | -897 Aug 23 j 18:33                        | 8° <b>Ω</b> 50'16                 |            |
| morning max el      | -898 Sep 18 j 07:44                        | 27° <b>Ω</b> 51′08               | 18°25'21         | direct<br>asc. node      | -897 Aug 26 j 10:27                        | 8° <b>Ω</b> 13'49                 |            |
|                     | -898 Sep 20 j 06:14                        | 0° M)                            |                  |                          | -897 Aug 28 j 03:38                        | 8° <b>Ω</b> 29'05                 | 10000120   |
| morning set         | -898 Oct 07 j 20:55<br>-898 Oct 09 j 18:52 | 26° Mp 53'50<br>0° <u> </u>      |                  | morning max el           | -897 Sep 01 j 22:45<br>-897 Sep 14 j 11:57 | 11° <b>Ω</b> 41'19<br>0° <b>m</b> | 18°00'38   |
| desc. node          | -898 Oct 20 j 13:13                        | 0 <b>=</b><br>17° <b>£</b> 13'23 |                  | morning set              | -897 Sep 14 j 11.37<br>-897 Sep 19 j 09:33 | 8° Mp 18'40                       |            |
| dese. Hode          | 070 Oct 20 j 15.15                         | 17 = 13 23                       |                  | morning set              | -897 Oct 02 j 10:36                        | 0° <b>ي</b>                       |            |
| superior conj       | -898 Oct 23 j 03:21                        | 21° <b>≏</b> 18'44               | -0°16'50         |                          | 55, 55t 52 j 10.50                         | ~ <del>-</del>                    |            |
| minimum elong       | -898 Oct 23 j 01:08                        | 21° <b>♀</b> 09'59               |                  | superior conj            | -897 Oct 02 j 15:20                        | 0° <b>≏</b> 19'08                 | 0°31'06    |
| max. Earth dist.    | -898 Oct 24 j 18:18                        | 23° <b>♀</b> 52'08               | 1.44972 AU       | minimum elong            | -897 Oct 02 j 18:48                        | 0° <b>₽</b> 33'09                 | 0°30'38    |
|                     | -898 Oct 28 j 15:58                        | 0°M                              |                  | desc. node               | -897 Oct 07 j 10:14                        | 7° <b>Ω</b> 59'35                 |            |
| evening rise        | -898 Nov 08 j 11:04                        | 16°ML57'01                       |                  | max. Earth dist.         | -897 Oct 07 j 12:26                        | 8° <b>ഫ</b> 08'19                 | 1.44453 AU |
| <i>8</i> 11         | -898 Nov 16 j 18:26                        | 0° <b>∡</b> ¹                    |                  | evening rise             | -897 Oct 18 j 23:32                        | 26° <b>≏</b> 03'17                |            |
| greatest brilliancy | -898 Nov 18 j 16:43                        | 2° <b>∡</b> ¹59'53               | -0.8m            | Ü                        | -897 Oct 21 j 13:04                        | 0°M                               |            |
| evening max el      | -898 Dec 01 j 14:01                        | 20° <b>х</b> 46′40               | 19°16'23         | greatest brilliancy      | -897 Nov 01 j 23:15                        | 17°M16'50                         | -0.6m      |
| asc. node           | -898 Dec 07 j 05:50                        | 24° <b>∡</b> ³39′26              |                  | •                        | -897 Nov 11 j 02:21                        | 0°⊀                               |            |
| retrograde          | -898 Dec 08 j 15:55                        | 24° <b>∡</b> ¹50'42              |                  | evening max el           | -897 Nov 14 j 18:33                        | 4° <b>∡</b> 14'25                 | 20°12'06   |
| evening set         | -898 Dec 12 j 00:04                        | 23° <b>∡</b> ¹45'43              |                  | retrograde               | -897 Nov 22 j 13:19                        | 8° <b>₰</b> ′48'40                |            |
| inferior conj       | -898 Dec 17 j 14:44                        | 17° <b>∡</b> ′54′01              | 3°02'41          | asc. node                | -897 Nov 24 j 02:51                        | 8° <b>₰</b> ³34'40                |            |
| minimum elong       | -898 Dec 17 j 11:52                        | 18° <b>∡</b> 03'11               | 3°01'56          | evening set              | -897 Nov 26 j 05:58                        | 7° <b>∡</b> "29′22                |            |
| min. Earth dist.    | -898 Dec 18 j 22:53                        | 16° <b>∡</b> 11'17               | 0.65991 AU       | inferior conj            | -897 Dec 01 j 16:49                        | 1° <b>₹</b> 24'56                 | 2°23'46    |
| morning rise        | -898 Dec 22 j 23:24                        | 11° <b>∡</b> ′43′11              |                  | minimum elong            | -897 Dec 01 j 14:07                        |                                   | 2°22'53    |
| direct              | -898 Dec 29 j 07:52                        | 8° <b>∡</b> ¹55'33               |                  | min. Earth dist.         | -897 Dec 02 j 11:50                        | 0° <b>≯</b> 21'07                 | 0.66881 AU |
| morning max el      | -897 Jan 10 j 23:08                        | 16° <b>∡</b> ¹22'43              | 26°13'59         |                          | -897 Dec 02 j 18:10                        | 30°RM                             |            |
| desc. node          | -897 Jan 16 j 12:28                        | 22° <b>∡</b> ³33'39              |                  | morning rise             | -897 Dec 06 j 22:05                        | 25°M11'47                         |            |
|                     |  |                                  |                  |                          |  |                                   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. direct -897 Dec 12 j 16:27 22°M39'03 direct -896 Nov 25 j 05:45 6°M38'03 29°M34'28 -897 Dec 24 j 07:36 24°56'10 -896 Dec 05 j 16:33 morning max el morning max el 12°M51'21 23°29'25 -897 Dec 24 j 17:38 -896 Dec 19 j 11:18 0°×7 0°×7 -896 Jan 03 j 09:29 -896 Dec 20 j 06:31 1°×707'36 desc. node 11°**х** 32'33 desc. node -896 Jan 16 j 04:06 0°궁 -895 Jan 08 j 01:07 0°궁 -896 Jan 29 j 11:45 2°**る**59'22 morning set 22°**る**08'53 morning set -895 Jan 09 j 19:57 1.37045 AU max. Earth dist. -896 Feb 02 j 03:51 28°**る**48'18 max. Earth dist. -895 Jan 13 j 23:16 10°**る**06'12 1.39115 AU -896 Feb 02 j 19:20 0°≈ superior conj -895 Jan 21 j 11:38 23°る42'17 -1°54'20 superior conj -896 Feb 08 j 13:38 11°≈00'46 -1°38'37 minimum elong -895 Jan 21 j 14:22 23°る55'03 1°54'12 minimum elong -896 Feb 08 j 17:19 11°**≈**18'49 1°38'14 -895 Jan 24 j 19:33 0°**≈** -896 Feb 16 j 22:38 -895 Jan 30 j 17:27 evening rise 27°≈45'05 evening rise 11°≈25'25 -896 Feb 18 j 01:41 -895 Feb 05 j 23:14 0°**)**€ asc. node 23°≈11'35 asc. node -896 Feb 20 j 02:13 3°**¥**58'36 -895 Feb 10 j 00:14 0°**)**€ evening max el -896 Mar 05 j 01:18 25°**)** 24'57 19°26'53 evening max el -895 Feb 16 j 01:42 7°**)** 44′51 18°40'35 retrograde -896 Mar 14 j 07:58 29°¥51'42 retrograde -895 Feb 23 j 23:41 11° ¥ 35'52 evening set -896 Mar 16 j 12:56 29°**)** 37'44 evening set -895 Feb 26 j 09:04 11°**₩**16'04 3°00'21 inferior conj -896 Mar 24 j 23:18 25°**₩**31'13 1°44'14 inferior conj -895 Mar 06 j 00:46 6°**¥**51'35 minimum elong -896 Mar 25 j 03:12 25°**)**€24'52 1°43'01 minimum elong -895 Mar 06 j 05:01 6°**¥**43'31 2°59'25 0.57898 AU min. Earth dist. -896 Mar 27 j 16:21 23°**)** 46′00 0.56206 AU min. Earth dist. -895 Mar 09 j 09:24 4°**)**€19'54 desc. node -896 Mar 31 j 08:40 21°**)**41'21 morning rise -895 Mar 13 j 22:12 1°**)** 34'47 morning rise -896 Apr 02 j 14:49 20°\(\)45'33 desc. node -895 Mar 18 i 05:42 0° ¥ 18'33 direct -896 Apr 07 i 04:52 19°\ 57'51 direct -895 Mar 19 j 15:24 0°**)** 13′36 morning max el -896 Apr 21 j 07:15 27°**)** 66'37 24°52'58 morning max el -895 Apr 02 j 23:30 7°**)**(45'58 26°20'17 -896 Apr 24 j 02:23  $0^{\circ}\Upsilon$ -895 Apr 19 j 14:16  $0^{\circ}\Upsilon$ -896 May 13 j 07:51 0°8 -895 May 01 j 18:32 23°Y04'59 morning set -896 May 17 j 07:20 8°**8**08'13 -895 May 04 j 22:34 29° Y 50'44 morning set asc node -896 May 18 j 01:30 9°**8**44'14 -895 May 05 j 00:16 0°8 asc. node -896 May 24 j 07:30 23°815'37 1°01'40 -895 May 08 j 18:54 8°815'08 0°39'40 superior conj superior conj -896 May 24 j 05:11 -895 May 08 j 17:15 23°**8**03'04 1°01'15 minimum elong 8°**8**06'03 0°39'21 minimum elong 1.32495 AU -896 May 25 j 15:57 -895 May 09 j 03:37 max. Earth dist. 26°**8**11'40 1.32963 AU max. Earth dist. 9°**8**02'54 -896 May 27 j 10:25 -895 May 15 j 18:45  $\Pi$  $^{\circ}0$ 23°**8**18'54 evening rise -896 May 31 j 12:51 8°**Ⅲ**35'17 -895 May 19 j 01:29 evening rise  $0^{\circ}\Pi$ -896 Jun 11 j 23:02 -895 Jun 05 j 23:13 0.00 0°9 -896 Jun 27 j 07:57 22°921'05 -895 Jun 14 j 04:58 desc. node desc. node 9°9545'09 -896 Jul 03 j 01:03 -895 Jun 15 j 05:08 evening max el 28°930'31 27°22'19 evening max el 10°544'12 26°51'29 -896 Jul 04 j 16:17  $0^{\circ}\Omega$ retrograde -895 Jun 29 j 04:20 18°901'16 retrograde -896 Jul 16 j 19:45 5°**Ω**49'30 evening set -895 Jul 06 j 00:40 15°957'55 -896 Jul 24 j 00:21 3°Ω18'48 min. Earth dist. -895 Jul 09 j 18:46 13°5518'05 0.60691 AU evening set min. Earth dist. -896 Jul 27 j 14:13 0°**Ω**22'24 0.62660 AU inferior conj -895 Jul 13 j 01:32 10°532'26 -4°30'56 -896 Jul 27 j 23:49 -895 Jul 13 j 04:17 10°526'36 4°30'40 30°Rூ minimum elong -896 Jul 30 j 11:28 27°536'23 -4°00'50 -895 Jul 20 j 09:43 5°9346'57 inferior conj morning rise -896 Jul 30 j 15:50 27°525'52 3°59'55 -895 Jul 22 j 21:33 5°522'40 minimum elong direct -896 Aug 06 j 08:32 22°529'11 -895 Jul 30 j 02:44 8°955'02 18°06'14 morning rise morning max el -896 Aug 08 j 21:22 10°950'00 direct 21°959'51 asc. node -895 Jul 31 i 21:46 -896 Aug 14 j 00:41 asc. node 24°9502'27 -895 Aug 12 i 19:51  $0^{\circ}\Omega$ morning max el -896 Aug 15 i 14:03 25°\$25'02 17°53'58 morning set -895 Aug 15 j 00:54 4°Ω06'31 -896 Aug 19 j 09:55  $0^{\circ}\Omega$ -896 Aug 31 j 20:51 20°Ω48'33 -895 Aug 24 j 21:47 22°Ω14'14 1°33'20 morning set superior conj 0° M) -896 Sep 06 j 01:21 -895 Aug 25 i 01:38 22°Ω31'20 1°33'02 minimum elong -895 Aug 29 j 08:07 O° m -896 Sep 12 j 05:09 10° mp 36'58 1°08'54 max. Earth dist. -895 Sep 01 j 12:33 superior conj 5° m 24'48 1.41576 AU minimum elong -896 Sep 12 j 10:20 10° m 58'53 1°08'18 evening rise -895 Sep 07 j 01:04 14° m 29'10 19° m 28'30 max. Earth dist. -896 Sep 19 j 03:22 22° Mp 05'21 1.43267 AU desc. node -895 Sep 10 j 04:18 -895 Sep 17 j 00:31 desc. node -896 Sep 23 j 07:16 28° Mp 45'55 0∘**⊽**  $0^{\circ}$ M -896 Sep 24 j 01:59 0∘**⊽** -895 Oct 09 j 07:05 -896 Sep 27 j 06:10 4°**£**58'38 -895 Oct 10 j 10:21  $1^{\circ}$ ML10'56  $22^{\circ}37'35$ evening rise evening max el -896 Oct 13 j 22:58 -895 Oct 20 j 05:34 0°M retrograde 7°M00'28 -896 Oct 27 j 17:18 17°M42'35 21°20'26 evening max el evening set -895 Oct 24 j 21:08 5°**™**07'02 retrograde -896 Nov 05 j 10:25 22°M53'10 asc. node -895 Oct 27 j 20:57 1°M56'25 evening set -896 Nov 09 j 13:34 21°M17'32 -895 Oct 29 j 08:11 30°R<u>₽</u>

inferior conj

minimum elong

min. Earth dist.

morning rise

direct

-895 Oct 30 j 05:15

-895 Oct 30 j 04:09

-895 Oct 30 j 02:02

-895 Nov 04 j 11:04

-895 Nov 08 j 23:10

28°**£**47′26

28°**♀**51'15

28°**♀**58'35

22°**£**35'47

20°**₽**46'06

0°48'10

0°47'41

0.67610 AU

asc. node

inferior conj

minimum elong

min. Earth dist.

morning rise

-896 Nov 09 j 23:53

-896 Nov 14 j 22:18

-896 Nov 14 j 20:14

-896 Nov 15 j 05:42

-896 Nov 20 j 02:44

20°M56'26

15°M03'43

15°M10'53

14°ML38'16

8°M50'09

1°38'21

1°37'33

0.67412 AU

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -895 Nov 18 i 04:58 26°**£**13'47 22°03'05 asc. node -894 Oct 14 i 18:01 12°**♀**13'55 morning max el -895 Nov 21 j 15:10 0°M morning rise -894 Oct 19 j 21:05 6°**£**27'25 21°M08'05 -895 Dec 07 j 03:34 -894 Oct 23 j 19:41 4°**♀**59'12 desc. node direct 9°**2**44'44 20°44'28 -895 Dec 13 j 01:03 0°×7 -894 Oct 31 j 23:47 morning max el -895 Dec 20 j 23:13 -894 Nov 16 j 09:06 morning set 12°**₹**25'40 0°M max. Earth dist. 1.41201 AU -894 Nov 24 j 00:37 -895 Dec 26 j 21:20 22°**₹**'08'13 desc. node 11°M26'45 -895 Dec 31 j 12:14 0°る morning set -894 Nov 30 j 01:53 20°M45'39 -894 Dec 05 j 22:39 0°**∡**7 5°**尽**04'31 1.43018 AU superior conj -894 Jan 03 j 14:51 5°る26'36 -2°00'30 max. Earth dist. -894 Dec 09 j 02:26 minimum elong -894 Jan 03 j 14:46 5°る26'15 2°00'30 evening rise -894 Jan 14 j 01:14 24°る29'27 superior conj -894 Dec 15 j 17:53 16°**₹**01'26 -1°52'42 -894 Jan 17 j 00:37 -894 Dec 15 j 13:19 0°≈ minimum elong 15°**х** 42′15 1°52′28 -894 Jan 23 j 20:16 -894 Dec 23 j 21:18 asc. node 11°≈54'41 0°정 evening max el -894 Jan 30 j 09:10 20°**≈**32'35 18°14'27 evening rise -894 Dec 27 j 18:02 6°る48'57 retrograde -894 Feb 06 j 09:40 24°≈03'37 asc. node -893 Jan 10 j 17:19 29°る58'37 evening set -894 Feb 08 j 23:37 23°≈36'01 -893 Jan 10 j 17:44 inferior conj -894 Feb 15 j 23:00 18°**≈**50'46 3°41'10 evening max el -893 Jan 13 j 20:39 3°≈39'49 18°08'01 minimum elong -894 Feb 16 j 01:15 18°**≈**45'48 3°40'55 retrograde -893 Jan 20 j 10:25 7°≈05'19 min. Earth dist. -894 Feb 19 j 07:33 15°≈54'20 0.59938 AU evening set -893 Jan 23 j 04:37 6°≈28'41 morning rise -894 Feb 23 j 00:51 13°≈11'26 inferior conj -893 Jan 29 j 15:05 1°≈22'26 3°53'19 direct -894 Mar 01 j 14:38 11°≈11'39 minimum elong -893 Jan 29 j 15:00 1°≈22'39 3°53'18 desc. node -894 Mar 05 i 02:44 11°≈43'57 -893 Jan 30 i 23:34 30°Rる morning max el -894 Mar 15 j 21:12 18°≈56'50 27°20'42 min. Earth dist. -893 Feb 01 i 13:20 28°る26'08 0.61998 AU -894 Mar 25 i 05:39 0°**)**€ morning rise -893 Feb 05 i 00:12 25°る29'02 -894 Apr 12 j 05:36  $0^{\circ}\Upsilon$ direct -893 Feb 11 j 23:52 22°る57'38 -894 Apr 16 j 03:12 7°**Y**52'42 desc. node -893 Feb 19 j 23:48 morning set 25°る46'10 -894 Apr 21 j 19:38 20°Y02'04 -893 Feb 25 j 05:06 asc node 0°≈≈ -894 Apr 22 j 16:29 21°Υ 56'07 1.32386 AU -893 Feb 26 j 00:50 max. Earth dist. morning max el 0°≈47'49 27°45'48 -893 Mar 19 j 07:43 0° H -894 Apr 23 j 06:36 23°**Y**13'24 0°15'22 -893 Mar 31 j 07:12 22° # 23'27 superior conj morning set -894 Apr 23 j 05:54 -893 Apr 03 j 22:55  $0^{\circ}$ 23°**Υ**'09'37 0°15'14 minimum elong -894 Apr 23 j 04:34 23°Y02'18 -893 Apr 06 j 02:43 4°**Υ**37'14 1.32653 AU max. Earth dist. behind sun begin -894 Apr 23 j 07:14 23°Y16'57 behind sun end -894 Apr 26 j 08:51 -893 Apr 07 j 16:50 8°**Υ**03'41 -0°10'29  $0^{\circ}$ 8 superior conj -894 Apr 30 j 04:30 -893 Apr 07 j 17:19 8°**Υ**06'21 0°10'23 evening rise 8°**8**12'17 minimum elong -894 May 11 j 13:30 -893 Apr 07 j 13:25 7°**Y**45′07  $0^{\circ}\Pi$ behind sun begin -894 May 28 j 02:40 -893 Apr 07 j 21:14 8°Y27'35 evening max el 22°**Ⅱ**13'48 25°49'29 behind sun end desc. node -894 Jun 01 j 02:00 25°**Ⅲ**35'14 asc. node -893 Apr 08 j 16:40 10°**Y**13'21 retrograde -894 Jun 11 j 04:16 29°**Ⅲ**27'01 evening rise -893 Apr 14 j 16:03 23°Y07'35 evening set -894 Jun 17 j 03:24 28°**Ⅲ**01'31 -893 Apr 17 j 23:53  $0^{\circ}$ 8 min. Earth dist. -894 Jun 21 j 15:07 25°**Ц**20'26 0.58631 AU -893 May 06 j 19:45  $0^{\circ}\Pi$ -894 Jun 24 j 22:23 22°II55'45 -4°38'43 -893 May 09 j 18:43 3°II05'18 24°24'09 inferior conj evening max el -894 Jun 24 j 21:34 22°II57'14 4°38'41 -893 May 18 j 23:02 9°**Ⅱ**15'04 minimum elong desc. node -894 Jul 02 j 18:17 18°**Ⅲ**32'31 -893 May 23 j 16:42 10°**Ⅱ**06'21 morning rise retrograde -894 Jul 05 j 06:38 18°**Ⅱ**11'55 -893 May 28 j 07:42 9°**Ⅱ**18'26 direct evening set -894 Jul 13 i 09:45 22°**I**03'00 -893 Jun 03 i 06:17 morning max el 18°38'30 min. Earth dist. 6°**Д**20'08 0.56780 AU 28°**Ⅲ**36'47 -893 Jun 05 i 23:13 asc. node -894 Jul 18 i 18:51 inferior conj 4°II36'51 -4°12'03 -894 Jul 19 i 16:56 0ಂಣ minimum elong -893 Jun 05 j 18:00 4°II45'12 4°11'12 -894 Jul 29 j 17:03 18°900'56 morning rise -893 Jun 14 i 07:11 0°**I**I32'38 morning set -894 Aug 04 j 21:35  $0^{\circ}\Omega$ direct -893 Jun 16 i 21:13 0°**Ⅱ**14'27 morning max el -893 Jun 26 j 08:05 4°**Ⅲ**37'52 19°31'38 -894 Aug 07 j 12:21 4°Ω57'32 1°45'23 -893 Jul 05 j 15:56 17°**Ⅲ**08'21 superior coni asc. node -893 Jul 12 j 13:16 -894 Aug 07 j 13:55 5°**Ω**04'52 1°45'21 0ಂತಾ minimum elong -894 Aug 14 j 16:27 max. Earth dist. 17°**Ω**59'55 1.39618 AU morning set -893 Jul 13 j 17:40 2°521'28 evening rise -894 Aug 18 j 19:42 25°**Ω**07'21 -894 Aug 21 j 17:59 0° m superior conj -893 Jul 21 j 19:05 18°929'48 1°47'23 -893 Jul 21 j 18:38 desc. node -894 Aug 28 j 01:20 10° Mp 03'53 minimum elong 18°**5**27'38 1°47'23 -894 Sep 10 j 18:13 0∘**⊽** -893 Jul 27 j 19:21  $0^{\circ}\Omega$ -894 Sep 22 j 23:27 max. Earth dist. -893 Jul 27 j 19:25 0°**Ω**00'19 1.37641 AU evening max el 14°**2**42'14 23°57'56 -894 Oct 03 j 21:23 -893 Jul 31 j 15:01 retrograde 21°**♀**07'37 evening rise 6°**£**56′25 -894 Oct 09 j 02:58 evening set 18°**≏**56′01 desc. node -893 Aug 14 j 22:22 0° m 26'56 inferior conj -894 Oct 14 j 11:55 12°**△**34'37 -0°05'16 -893 Aug 14 j 15:16 0° m minimum elong -894 Oct 14 j 12:03 12°**♀**34'11 0°05'13 evening max el -893 Sep 05 j 11:01 28° Mp 17'31 25°14'34 transit middle -894 Oct 14 j 12:03 12°**₽**34'11 0°05'13 -893 Sep 07 j 06:43 0∘**⊽** 

transit begin

min. Earth dist.

transit end

-894 Oct 14 j 09:28

-894 Oct 14 j 14:37

-894 Oct 13 j 22:26

12°**£**42'56

12°**£**25'26

13°**2**20'22 0.67497 AU

retrograde

evening set

-893 Sep 17 j 08:55

-893 Sep 23 j 05:18

-893 Sep 25 j 20:05

5°**£**10'34

2°**£**42'07

30°R, M)

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|--|---|---|--|--|---|--|--|
|  |   | -   |  |  | 901 BCE in historical cou   |  | 1954122  |
| min. Earth dist.   | -893 Sep 27 j 16:22   | -   | 0.67066 AU   | minimum elong  | -892 Sep 11 j 20:03   | 10° Mp 00'15   | 1-34-32  |
| inferior conj  | -893 Sep 28 j 16:31   | 26° m 22'51   |  | morning rise   | -892 Sep 17 j 14:20   | 4° m 20'03   |  |
| minimum elong  | -893 Sep 28 j 18:01   |   | 0°59'48  | asc. node  | -892 Sep 17 j 12:08   | 4° m 23'18   |  |
| asc. node  | -893 Oct 01 j 15:05   | 22° m/45'57   |  | direct   | -892 Sep 20 j 16:06   | 3° My 26'15  | 10045100   |
| morning rise   | -893 Oct 04 j 06:51   | 20° m 23'10   |  | morning max el   | -892 Sep 27 j 11:19   | 7° m 13'38   | 18°47'22   |
| direct   | -893 Oct 07 j 17:56   | 19° <b>m</b> 13'48  |  |  | -892 Oct 13 j 11:25   | 0° <b>⊽</b>  |  |
| morning max el   | -893 Oct 15 j 02:11   | 23° m/25'26   | 19°38'22   | morning set  | -892 Oct 18 j 16:47   | 8° <b>≏</b> 17'06  |  |
|  | -893 Oct 20 j 13:46   | 0∘ <b>⊽</b>   |  | desc. node   | -892 Oct 27 j 18:41   | 22° <b>△</b> 38'09   |  |
| morning set  | -893 Nov 08 j 23:59   | 29° <b>Ω</b> 01'04  |  |  | -892 Nov 01 j 11:01   | 0°M₊   |  |
|  | -893 Nov 09 j 15:11   | 0°M   |  |  |   |  |  |
| desc. node   | -893 Nov 10 j 21:39   | 1°M58'16  |  | superior conj  | -892 Nov 03 j 21:27   | 3°M49'50   |  |
| max. Earth dist.   | -893 Nov 21 j 15:13   | 18°M48'15   | 1.44319 AU   | minimum elong  | -892 Nov 03 j 15:40   | 3°M27'06   |  |
|  |   |   |  | max. Earth dist.   | -892 Nov 03 j 08:53   | 3°M00'24   | 1.44947 AU   |
| superior conj  | -893 Nov 25 j 17:55   | 25°M22'18   | -1°27'17   | evening rise   | -892 Nov 19 j 13:38   | 28°M43'37  |  |
| minimum elong  | -893 Nov 25 j 09:58   | 24°M50'22   | 1°26'32  |  | -892 Nov 20 j 08:39   | 0°⋪  |  |
|  | -893 Nov 28 j 14:42   | 0° <b>∡</b> 7   |  |  | -892 Dec 10 j 11:21   | 0°ප  |  |
| evening rise   | -893 Dec 09 j 15:25   | 18° <b>∡</b> 15'51  |  | evening max el   | -892 Dec 10 j 20:19   | 0°る23'30   | 18°51'05   |
|  | -893 Dec 16 j 14:51   | 8°0   |  | asc. node  | -892 Dec 14 j 11:23   | 3° <b>る</b> 19'17  |  |
| evening max el   | -893 Dec 28 j 09:16   | 16° <b>る</b> 58'58  | 18°20'33   | retrograde   | -892 Dec 17 j 15:14   | 4° <b>ට</b> 13'31  |  |
| asc. node  | -893 Dec 28 j 14:21   | 17° <b>る</b> 11'43  |  | evening set  | -892 Dec 20 j 19:29   | 3° <b>る</b> 15'37  |  |
| retrograde   | -892 Jan 03 j 21:36   | 20° <b>ප</b> 31'26  |  |  | -892 Dec 24 j 11:28   | 30°₽ <b>⋌</b>  |  |
| evening set  | -892 Jan 06 j 20:19   | 19° <b>る</b> 44'47  |  | inferior conj  | -892 Dec 26 j 13:09   | 27° <b>∡</b> ³32'15  | 3°21'10  |
| inferior conj  | -892 Jan 12 j 21:03   | 14° <b>る</b> 18'48  | 3°44'38  | minimum elong  | -892 Dec 26 j 10:28   | 27° <b>∡</b> ¹40'31  | 3°20'37  |
| minimum elong  | -892 Jan 12 j 19:15   | 14° <b>る</b> 23'52  | 3°44'26  | min. Earth dist.   | -892 Dec 28 j 05:24   | 25° <b>҂</b> ¹28'32  | 0.65314 AU   |
| min. Earth dist.   | -892 Jan 15 j 04:33   | 11° <b>る</b> 42'46  | 0.63831 AU   | morning rise   | -891 Jan 01 j 01:09   | 21° <b>҂</b> ²23'47  |  |
| morning rise   | -892 Jan 18 j 17:37   | 8° <b>ට</b> 16'25   |  | direct   | -891 Jan 07 j 16:19   | 18° <b>∡</b> ³32′20  |  |
| direct   | -892 Jan 25 j 16:49   | 5° <b>る</b> 27'35   |  | morning max el   | -891 Jan 20 j 18:33   | 26° <b>₹</b> 10'44   | 26°50'44   |
| desc. node   | -892 Feb 06 j 20:50   | 11° <b>る</b> 49'44  |  | desc. node   | -891 Jan 23 j 17:51   | 29° <b>х</b> 20′08   | 20 00  |
| morning max el   | -892 Feb 08 j 08:49   | 13° <b>る</b> 16'10  | 27°34'23   | dos. node  | -891 Jan 24 j 07:58   | 0°る  |  |
| morning man er   | -892 Feb 21 j 20:44   | 0° <b>≈</b>   | 2, 3.23  |  | -891 Feb 14 j 09:59   | 0° <b>≈</b>  |  |
|  | -892 Mar 10 j 19:53   | 0° <b>∀</b>   |  | morning set  | -891 Feb 25 j 14:35   | 19°≈59'05  |  |
| morning set  | -892 Mar 14 j 04:06   | 6° <b>¥</b> 29'15   |  | max. Earth dist.   | -891 Mar 02 j 00:16   | 28°≈37'29  | 1.34427 AU   |
| max. Earth dist.   | -892 Mar 19 j 06:32   |   | 1.33325 AU   | max. Earth dist.   | -891 Mar 02 j 16:38   | 0° <b>\</b>  | 1.54427 AU   |
| max. Earth dist.   | 0)2 Wai 1) j 00.32  | 10 7(341)   | 1.55525 110  |  | 071 Mai 02 j 10.50  | ٥ ٨  |  |
|  |   |   |  |  |   |  |  |
| superior coni  | -802 Mar 21 i 23:52   | 22°¥40'06   | -0°36'56   | superior coni  | -801 Mar 06 i 01:33   | 6°¥55'18   | -1°02'52   |
| superior conj  | -892 Mar 21 j 23:52   | 22°\ 40'06  |  | superior conj  | -891 Mar 06 j 01:33   | 6° <b>¥</b> 55'18  |  |
| superior conj<br>minimum elong   | -892 Mar 22 j 01:37   | 22° <b>)</b> 49′26  |  | minimum elong  | -891 Mar 06 j 04:26   | 7° <b>升</b> 10′21  |  |
| minimum elong  | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50  | 22° <b>ℋ</b> 49'26<br>0° <b>Ƴ</b>   |  | minimum elong asc. node  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44  | 7° <b>∺</b> 10′21<br>20° <b>∺</b> 19′31  |  |
| minimum elong  | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42   | 22°¥49'26<br>0° <b>Y</b><br>0° <b>Y</b> 20'46   |  | minimum elong  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21   | 7°¥10'21<br>20°¥19'31<br>22°¥38'17   |  |
| minimum elong  | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42<br>-892 Mar 29 j 03:38  | 22°¥49'26<br>0° <b>°</b><br>0° <b>°</b> 20'46<br>7° <b>°</b> 58'37  |  | minimum elong<br>asc. node<br>evening rise   | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18  | 7°¥10'21<br>20°¥19'31<br>22°¥38'17<br>0°Υ  | 1°02'22  |
| minimum elong asc. node evening rise   | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42<br>-892 Mar 29 j 03:38<br>-892 Apr 09 j 19:51   | 22°¥49'26<br>0° <b>°</b><br>0° <b>°</b> 20'46<br>7° <b>°</b> 58'37<br>0° <b>8</b>   | 0°36'35  | minimum elong asc. node  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52   | 7°¥10'21<br>20°¥19'31<br>22°¥38'17<br>0°Y<br>24°Y30'45   | 1°02'22  |
| minimum elong asc. node evening rise evening max el  | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42<br>-892 Mar 29 j 03:38<br>-892 Apr 09 j 19:51<br>-892 Apr 20 j 10:12  | 22°\\\49'26<br>0°\Y<br>0°\Y20'46<br>7°\Y58'37<br>0°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\   | 0°36'35  | minimum elong<br>asc. node<br>evening rise<br>evening max el   | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44  | 7°\;\;\10'21<br>20°\;\19'31<br>22°\;\38'17<br>0°\;\<br>24°\;\'30'45<br>0°\;\   | 1°02'22  |
| minimum elong asc. node evening rise evening max el retrograde   | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42<br>-892 Mar 29 j 03:38<br>-892 Apr 09 j 19:51<br>-892 Apr 20 j 10:12<br>-892 May 03 j 16:03   | 22°\;49'26<br>0°Υ<br>0°Υ20'46<br>7°Υ58'37<br>0°\;30'\;341'18<br>20°\;41'11  | 0°36'35  | minimum elong<br>asc. node<br>evening rise<br>evening max el<br>retrograde   | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26   | 7° <del>H</del> 10'21<br>20° <del>H</del> 19'31<br>22° <del>H</del> 38'17<br>0° Ψ<br>24° Ψ'30'45<br>0° <del>B</del> 0° B 18'02   | 1°02'22  |
| asc. node evening rise evening max el retrograde desc. node  | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42<br>-892 Mar 29 j 03:38<br>-892 Apr 09 j 19:51<br>-892 Apr 20 j 10:12<br>-892 May 03 j 16:03<br>-892 May 04 j 20:03  | 22°\;49'26<br>0°\;70'\;40'\;40'\;40'\;40'\;40'\;40'\;40'\;4   | 0°36'35  | minimum elong<br>asc. node<br>evening rise<br>evening max el   | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24  | 7°¥10'21<br>20°¥19'31<br>22°¥38'17<br>0°Υ<br>24°Υ30'45<br>0°℧18'02<br>0°℧18'02   | 1°02'22  |
| asc. node evening rise  evening max el retrograde desc. node evening set   | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42<br>-892 Mar 29 j 03:38<br>-892 Apr 09 j 19:51<br>-892 Apr 20 j 10:12<br>-892 May 03 j 16:03<br>-892 May 04 j 20:03<br>-892 May 06 j 22:08   | 22°\delta49'26<br>0°\tau<br>0°\tau20'46<br>7°\tau58'37<br>0°\delta<br>13°\delta41'18<br>20°\delta11'08<br>19°\delta51'00  | 0°36'35<br>22°49'04  | minimum elong<br>asc. node<br>evening rise<br>evening max el<br>retrograde<br>evening set  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 17 j 01:48   | 7° <del>H</del> 10'21<br>20° <del>H</del> 19'31<br>22° <del>H</del> 38'17<br>0° Ψ<br>24° Ψ'30'45<br>0° <del>B</del> 18'02<br>0° <del>B</del> 05'04<br>30° RΨ   | 1°02'22  |
| asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist.  | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42<br>-892 Mar 29 j 03:38<br>-892 Apr 09 j 19:51<br>-892 Apr 20 j 10:12<br>-892 May 03 j 16:03<br>-892 May 04 j 20:03<br>-892 May 06 j 22:08<br>-892 May 14 j 19:12  | 22°\;49'26<br>0°\°\<br>0°\°\20'46<br>7°\°\58'37<br>0°\\$<br>13°\\$41'18<br>20°\\$11'08<br>19°\\$51'00<br>16°\\$23'35  | 0°36'35<br>22°49'04<br>0.55487 AU  | minimum elong asc. node evening rise evening max el retrograde evening set desc. node  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 17 j 01:48<br>-891 Apr 21 j 17:03  | 7°\10'21<br>20°\19'31<br>22°\38'17<br>0°\7<br>24°\730'45<br>0°\8<br>0°\818'02<br>0°\805'04<br>30°\R\7<br>28°\721'58  | 1°02'22<br>21°18'34  |
| asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj  | -892 Mar 22 j 01:37<br>-892 Mar 25 j 09:50<br>-892 Mar 25 j 13:42<br>-892 Mar 29 j 03:38<br>-892 Apr 09 j 19:51<br>-892 Apr 20 j 10:12<br>-892 May 03 j 16:03<br>-892 May 04 j 20:03<br>-892 May 06 j 22:08<br>-892 May 14 j 19:12<br>-892 May 16 j 05:04   | 22°\;49'26<br>0°\°\<br>0°\°\20'46<br>7°\°\58'37<br>0°\\$<br>13°\\$41'18<br>20°\\$11'08<br>19°\\$51'00<br>16°\\$23'35<br>15°\\$34'56   | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23  | minimum elong asc. node evening rise  evening max el retrograde evening set  desc. node inferior conj  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 17 j 01:48<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02  | 7°\colon 10'21 20°\colon 19'31 22°\colon 38'17 0°\colon 24°\colon 30'45 0°\colon 50'04 30°\colon \$\colon \$\colon \$\colon 5'04 30°\colon \$\colon \$\colon \$\colon 5'04 28°\colon 21'58 26°\colon 5'05  | 1°02'22<br>21°18'34<br>-1°12'59  |
| minimum elong asc. node evening rise evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09   | 22° \ 49'26<br>0° Υ<br>0° Υ20'46<br>7° Υ58'37<br>0° ႘<br>13° ႘41'18<br>20° ႘14'11<br>20° ႘11'08<br>19° ႘51'00<br>16° ႘23'35<br>15° ႘34'56<br>15° ႘44'54   | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23  | minimum elong asc. node evening rise  evening max el retrograde evening set  desc. node inferior conj minimum elong  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02<br>-891 Apr 25 j 20:36   | 7°\colon 10'21 20°\colon 19'31 22°\colon 38'17 0°\colon 24°\colon 30'45 0°\colon 518'02 0°\colon 50'04 30°\colon 721'58 26°\colon 50'05 26°\colon 90'55  | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47                                       |
| minimum elong asc. node evening rise evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise  | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26   | 22°\;\(49'26\) 0°\(\bar{Y}\) 0°\(\bar{Y}\)20'46 7°\(\bar{Y}\)58'37 0°\(\bar{S}\) 13°\(\bar{S}\)41'18 20°\(\bar{S}\)11'08 19°\(\bar{S}\)5'\(\bar{S}\)34'56 15°\(\bar{S}\)44'54 11°\(\bar{S}\)40'29   | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23  | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist.  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 13 j 13:21<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02<br>-891 Apr 25 j 20:36<br>-891 Apr 26 j 08:11  | 7°升10'21<br>20°升19'31<br>22°升38'17<br>0°Y<br>24°Y30'45<br>0°号18'02<br>0°号05'04<br>30°RY<br>28°Y21'58<br>26°Y05'05<br>26°Y09'55<br>25°Y53'37  | 1°02'22<br>21°18'34<br>-1°12'59  |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct  | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53   | 22°\;49'26<br>0°\;\varphi\$<br>0°\;\varphi\$20'46<br>7°\;\varphi\$8'37<br>0°\;\varphi\$<br>13°\;\varphi\$41'18<br>20°\;\varphi\$11'08<br>19°\;\varphi\$51'00<br>16°\;\varphi\$23'35<br>15°\;\varphi\$44'54<br>11°\;\varphi\$40'29<br>11°\;\varphi\$23'02  | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23<br>2°59'26   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise   | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02<br>-891 Apr 25 j 20:36<br>-891 Apr 26 j 08:11<br>-891 May 05 j 02:05  | 7° χ 10'21<br>20° χ 19'31<br>22° χ 38'17<br>0° Υ<br>24° Υ 30'45<br>0° ႘ 18'02<br>0° ႘ 05'04<br>30° R Υ<br>28° Υ 21'58<br>26° Υ 05'05<br>26° Υ 09'55<br>25° Υ 53'37<br>22° Υ 03'20  | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47                                       |
| minimum elong asc. node evening rise evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise  | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38   | 22°\delta49'26<br>0°\tau<br>0°\tau<br>0°\tau<br>0°\tau<br>20'\delta41'18<br>20°\delta11'18<br>20°\delta11'108<br>19°\delta51'00<br>16°\delta23'35<br>15°\delta41'54<br>11°\delta40'29<br>11°\delta23'02<br>16°\delta31'47   | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23<br>2°59'26   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 17 j 01:48<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02<br>-891 Apr 26 j 00:02<br>-891 Apr 26 j 08:11<br>-891 May 05 j 02:05<br>-891 May 08 j 04:35  | 7°¥10'21<br>20°¥19'31<br>22°¥38'17<br>0°Ψ<br>24°Ψ'30'45<br>0°8'18'02<br>0°8'05'04<br>30°8'Ψ<br>28°Ψ'21'58<br>26°Ψ'05'05<br>26°Ψ'09'55<br>25°Ψ'53'37<br>22°Ψ'03'20<br>21°Ψ'42'24  | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU                         |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct  | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54   | 22°\; 49'26<br>0°\; 70'\; 49'26'<br>7°\; 758'37'<br>0°\; 8'<br>13°\; 841'18'<br>20°\; 811'08'<br>19°\; 851'00'<br>16°\; 823'35'<br>15°\; 844'54'<br>11°\; 840'29'<br>11°\; 823'02'<br>16°\; 831'47'<br>0°\; ¶   | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23<br>2°59'26   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise   | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 17 j 01:48<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02<br>-891 Apr 26 j 08:11<br>-891 May 05 j 02:05<br>-891 May 08 j 04:35<br>-891 May 20 j 20:30  | 7°¥10'21<br>20°¥19'31<br>22°¥38'17<br>0°Ψ<br>24°Ψ'30'45<br>0°℧18'02<br>0°℧05'04<br>30°RΨ<br>28°Ψ'21'58<br>26°Ψ'05'05<br>26°Ψ'09'55<br>25°Ψ'53'37<br>22°Ψ'03'20<br>21°Ψ'42'24<br>27°Ψ'43'55   | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU                         |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 15 j 22:09 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58   | 22°\; 49'26<br>0°\; 7°\; 20'46<br>7°\; 758'37<br>0°\; 8<br>13°\; 841'18<br>20°\; 811'08<br>19°\; 851'00<br>16°\; 823'35<br>15°\; 844'54<br>11°\; 840'29<br>11°\; 823'02<br>16°\; 831'47<br>0°\; ¶<br>6°\; ¶13'57  | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23<br>2°59'26   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 17 j 01:48<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02<br>-891 Apr 26 j 08:11<br>-891 May 05 j 02:05<br>-891 May 08 j 04:35<br>-891 May 20 j 20:30<br>-891 May 23 j 02:23   | 7° <del>H</del> 10'21<br>20° <del>H</del> 19'31<br>22° <del>H</del> 38'17<br>0° <del>Y</del><br>24° <b>Y</b> 30'45<br>0° <del>B</del> 18'02<br>0° <b>B</b> 05'04<br>30° R <b>Y</b><br>28° <b>Y</b> 21'58<br>26° <b>Y</b> 05'05<br>26° <b>Y</b> 05'05<br>25° <b>Y</b> 53'37<br>22° <b>Y</b> 03'20<br>21° <b>Y</b> 42'24<br>27° <b>Y</b> 43'55<br>0° <b>B</b>  | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU                         |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01   | 22°\; 49'26<br>0°\; 70°\; 49'26'<br>7°\; 758'37<br>0°\; 8<br>13°\; 841'18<br>20°\; 811'08<br>19°\; 851'00<br>16°\; 823'35<br>15°\; 844'54<br>11°\; 840'29<br>11°\; 823'02<br>16°\; 831'47<br>0°\; ¶<br>6°\; ¶13'57<br>17°\; ¶00'45  | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23<br>2°59'26   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct  | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 17 j 01:48<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02<br>-891 Apr 26 j 08:11<br>-891 May 05 j 02:05<br>-891 May 08 j 04:35<br>-891 May 20 j 20:30  | 7°\(\cdot\) 10'21 20°\(\cdot\) 19'31 22°\(\cdot\) 38'17 0°\(\cdot\) 24°\(\cdot\) 30'45 0°\(\cdot\) 30°\(\cdot\) 705'04 30°\(\cdot\) 705'05 26°\(\cdot\) 09'55 25°\(\cdot\) 53'37 22°\(\cdot\) 03'20 21°\(\cdot\) 42'24 27°\(\cdot\) 43'55 0°\(\cdot\) 25°\(\cdot\) 45'06   | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU                         |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 15 j 22:09 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58   | 22°\; 49'26<br>0°\; 7°\; 20'46<br>7°\; 758'37<br>0°\; 8<br>13°\; 841'18<br>20°\; 811'08<br>19°\; 851'00<br>16°\; 823'35<br>15°\; 844'54<br>11°\; 840'29<br>11°\; 823'02<br>16°\; 831'47<br>0°\; ¶<br>6°\; ¶13'57  | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23<br>2°59'26   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el   | -891 Mar 06 j 04:26<br>-891 Mar 12 j 10:44<br>-891 Mar 17 j 04:18<br>-891 Apr 02 j 07:52<br>-891 Apr 11 j 12:44<br>-891 Apr 14 j 06:26<br>-891 Apr 16 j 15:24<br>-891 Apr 17 j 01:48<br>-891 Apr 21 j 17:03<br>-891 Apr 26 j 00:02<br>-891 Apr 26 j 08:11<br>-891 May 05 j 02:05<br>-891 May 08 j 04:35<br>-891 May 20 j 20:30<br>-891 May 23 j 02:23   | 7°\(\cap \)10'21 20°\(\cap \)19'31 22°\(\cap \)38'17 0°\(\cap \) 24°\(\cap \)30'45 0°\(\cap \)30'\(\cap \)8'02 0°\(\cap \)30'\(\cap \)7'05'05 26°\(\cap \)09'55 25°\(\cap \)53'37 22°\(\cap \)03'20 21°\(\cap \)42'24 27°\(\cap \)43'55 0°\(\cap \)3'56 0°\(\cap \)1   | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU                         |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01   | 22°\; 49'26<br>0°\; 70°\; 49'26'<br>7°\; 758'37<br>0°\; 8<br>13°\; 841'18<br>20°\; 811'08<br>19°\; 851'00<br>16°\; 823'35<br>15°\; 844'54<br>11°\; 840'29<br>11°\; 823'02<br>16°\; 831'47<br>0°\; ¶<br>6°\; ¶13'57<br>17°\; ¶00'45  | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23<br>2°59'26<br>20°45'17                                       | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el   | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 21 j 17:03 -891 Apr 26 j 00:02 -891 Apr 25 j 20:36 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 23 j 02:23 -891 Jun 08 j 10:01   | 7°\(\cdot\) 10'21 20°\(\cdot\) 19'31 22°\(\cdot\) 38'17 0°\(\cdot\) 24°\(\cdot\) 30'45 0°\(\cdot\) 30°\(\cdot\) 705'04 30°\(\cdot\) 705'05 26°\(\cdot\) 09'55 25°\(\cdot\) 53'37 22°\(\cdot\) 03'20 21°\(\cdot\) 42'24 27°\(\cdot\) 43'55 0°\(\cdot\) 25°\(\cdot\) 45'06   | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU                         |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 07 j 19:38 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36   | 22°\; 49'26<br>0°\; 70°\; 49'26'<br>7°\; 758'37<br>0°\; 8<br>13°\; 841'18<br>20°\; 811'08<br>19°\; 851'00<br>16°\; 823'35<br>15°\; 844'54<br>11°\; 840'29<br>11°\; 823'02<br>16°\; 831'47<br>0°\; ¶<br>6°\; ¶13'57<br>17°\; ¶00'45  | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 21 j 17:03 -891 Apr 26 j 00:02 -891 Apr 25 j 20:36 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 23 j 02:23 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58   | 7°米10'21 20°米19'31 22°米38'17 0°Y 24°Y30'45 0°8 0°818'02 0°805'04 30°8Y 28°Y21'58 26°Y05'05 26°Y09'55 25°Y53'37 22°Y03'20 21°Y42'24 27°Y43'55 0°8 25°845'06 0°耳 1°耳52'45  | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU<br>22°16'11             |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36   | 22°\;\(49'26\) 0°\(\bar{Y}\) 0°\(\bar{Y}\) 20'\;\(46'\) 13°\;\(\bar{Y}\) 13°\;\(\bar{Y}\) 13°\;\(\bar{Y}\) 11'\(18\) 20°\;\(\bar{Y}\) 11'\(08\) 19°\;\(\bar{Y}\) 11'\(08\) 15°\;\(\bar{Y}\) 34'\(56\) 15°\;\(\bar{Y}\) 44'\(54\) 11°\;\(\bar{Y}\) 23'\(02\) 16°\;\(\bar{Y}\) 31'\(47\) 0°\(\bar{Y}\) 6°\\$\\$\] 17°\\$\\$\\$\\$\\$\00'\\$\\$\\$ 0°\\$\\$\\$   | 0°36'35<br>22°49'04<br>0.55487 AU<br>-3°01'23<br>2°59'26<br>20°45'17                                       | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 21 j 17:03 -891 Apr 26 j 00:02 -891 Apr 26 j 00:02 -891 Apr 26 j 00:05 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58   | 7°\(\cap \)10'21 20°\(\cap \)19'31 22°\(\cap \)38'17 0°\(\cap \) 24°\(\cap \)30'45 0°\(\cap \)30'\(\cap \)8'02 0°\(\cap \)30'\(\cap \)7'05'05 26°\(\cap \)09'55 25°\(\cap \)53'37 22°\(\cap \)03'20 21°\(\cap \)42'24 27°\(\cap \)43'55 0°\(\cap \)3'56 0°\(\cap \)1   | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU                         |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 07 j 19:38 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36   | 22°\(\cdot\)49'26 0°\(\cdot\) 0°\(\cdot\)20'46 7°\(\cdot\)58'37 0°\(\cdot\) 13°\(\cdot\)41'18 20°\(\cdot\)11'08 19°\(\cdot\)51'00 16°\(\cdot\)23'35 15°\(\cdot\)34'56 15°\(\cdot\)44'54 11°\(\cdot\)40'29 11°\(\cdot\)23'02 16°\(\cdot\)31'47 0°\(\cdot\) 6°\(\cdot\)13'57 17°\(\cdot\)00'45 0°\(\cdot\)  | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set   | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 21 j 17:03 -891 Apr 26 j 00:02 -891 Apr 25 j 20:36 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 23 j 02:23 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58   | 7°\mathrm{10'21} 20°\mathrm{10'21} 20°\mathrm{10'31} 22°\mathrm{13'17} 0°\mathrm{10'9} 24°\mathrm{13'045} 0°\mathrm{10'8} 0°\mathrm{10'8} 0°\mathrm{10'8} 0°\mathrm{10'8} 30°\mathrm{10'8} 26°\mathrm{10'50'05} 26°\mathrm{10'9'55} 25°\mathrm{10'9'55} 25°\mathrm{10'9'42'24} 27°\mathrm{10'9'42'24} 27°\mathrm{10'9'43'55} 0°\mathrm{10'9'45'45}   | 1°02'22<br>21°18'34<br>-1°12'59<br>1°11'47<br>0.55026 AU<br>22°16'11             |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36   | 22°\(\cdot\)49'26 0°\(\cdot\) 0°\(\cdot\)20'46 7°\(\cdot\)58'37 0°\(\cdot\) 13°\(\cdot\)41'18 20°\(\cdot\)11'08 19°\(\cdot\)51'00 16°\(\cdot\)23'35 15°\(\cdot\)34'56 15°\(\cdot\)44'54 11°\(\cdot\)40'29 11°\(\cdot\)23'02 16°\(\cdot\)31'47 0°\(\cdot\) 6°\(\cdot\)13'57 17°\(\cdot\)100'45 0°\(\cdot\) 2°\(\cdot\)37'46 2°\(\cdot\)23'39   | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set   | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 21 j 17:03 -891 Apr 26 j 00:02 -891 Apr 26 j 00:02 -891 Apr 26 j 00:05 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58   | 7°米10'21 20°米19'31 22°米38'17 0°Y 24°Y30'45 0°器18'02 0°器05'04 30°RY 28°Y21'58 26°Y05'05 26°Y09'55 25°Y53'37 22°Y03'20 21°Y42'24 27°Y43'55 0°器 25°器45'06 0°耳 1°耳52'45  | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11                            |
| minimum elong  asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set  | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 07 j 19:38 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 04 j 13:20 -892 Jul 04 j 13:20 -892 Jul 04 j 13:33 -892 Jul 09 j 03:25   | 22° ★49'26<br>0° Y<br>0° Y 20'46<br>7° Y 58'37<br>0° 8<br>13° 841'18<br>20° 811'08<br>19° 851'00<br>16° 823'35<br>15° 834'56<br>15° 844'54<br>11° 840'29<br>11° 823'02<br>16° 831'47<br>0° II<br>6° II 13'57<br>17° II 00'45<br>0° 9<br>2° \$37'46<br>2° \$28'39<br>11° \$49'41   | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set  superior conj minimum elong  | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 21 j 17:03 -891 Apr 26 j 00:02 -891 Apr 25 j 20:36 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58   | 7°米10'21<br>20°米19'31<br>22°米38'17<br>0°Y<br>24°Y30'45<br>0°と18'02<br>0°と05'04<br>30°RY<br>28°Y21'58<br>26°Y05'05<br>26°Y09'55<br>25°Y53'37<br>22°Y03'20<br>21°Y42'24<br>27°Y43'55<br>0°と<br>0°川<br>1°耳52'45   | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11 1°29'35 1°29'19            |
| minimum elong  asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set  | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 07 j 19:38 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36 -892 Jul 04 j 11:33 -892 Jul 04 j 11:33 -892 Jul 09 j 03:25 -892 Jul 13 j 06:56   | 22°\(\cdot\)49'26 0°\(\cdot\) 0°\(\cdot\)20'46 7°\(\cdot\)58'37 0°\(\cdot\) 13°\(\cdot\)41'18 20°\(\cdot\)11'08 19°\(\cdot\)51'00 16°\(\cdot\)23'35 15°\(\cdot\)34'56 15°\(\cdot\)44'54 11°\(\cdot\)40'29 11°\(\cdot\)23'02 16°\(\cdot\)31'47 0°\(\cdot\) 6°\(\cdot\)13'57 17°\(\cdot\)00'45 0°\(\cdot\) 2°\(\cdot\)37'46 2°\(\cdot\)28'39 11°\(\cdot\)49'41 19°\(\cdot\)40'04                        | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set  superior conj minimum elong  | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 21 j 17:03 -891 Apr 26 j 00:02 -891 Apr 25 j 20:36 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58 -891 Jun 18 j 15:33 -891 Jun 18 j 13:07 -891 Jun 21 j 20:13   | 7°米10'21 20°米19'31 22°米38'17 0°Y 24°Y30'45 0°器18'02 0°器05'04 30°RY 28°Y21'58 26°Y05'05 26°Y09'55 25°Y53'37 22°Y03'20 21°Y42'24 27°Y43'55 0°器 25°器45'06 0°Ⅱ 1°Ⅱ52'45 17°Ⅱ11'00 16°Ⅱ58'09 23°Ⅱ50'35  | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11 1°29'35 1°29'19            |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 25 j 00:26 -892 Jun 07 j 19:38 -892 Jun 07 j 19:38 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36 -892 Jul 04 j 11:33 -892 Jul 09 j 03:25 -892 Jul 13 j 06:56 -892 Jul 18 j 23:11   | 22°\(\cdot\)49'26 0°\(\cdot\)0°\(\cdot\)20'46 7°\(\cdot\)58'37 0°\(\cdot\) 13°\(\cdot\)41'11 20°\(\cdot\)11'08 19°\(\cdot\)51'00 16°\(\cdot\)23'35 15°\(\cdot\)34'56 15°\(\cdot\)44'54 11°\(\cdot\)40'29 11°\(\cdot\)23'02 16°\(\cdot\)31'47 0°\(\cdot\) 6°\(\cdot\)13'57 17°\(\cdot\)00'45 0°\(\cdot\) 2°\(\cdot\)28'39 11°\(\cdot\)49'41 19°\(\cdot\)40'04 0°\(\cdot\)                              | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set  superior conj minimum elong max. Earth dist.   | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 26 j 00:02 -891 Apr 26 j 00:02 -891 Apr 26 j 00:02 -891 Apr 26 j 00:01 -891 Apr 26 j 00:01 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 18 j 15:33 -891 Jun 18 j 15:33 -891 Jun 18 j 15:33 -891 Jun 21 j 20:13 -891 Jun 24 j 21:13   | 7°米10'21 20°米19'31 22°米38'17 0°Y 24°Y30'45 0°器18'02 0°器05'04 30°RY 28°Y21'58 26°Y05'05 26°Y09'55 25°Y53'37 22°Y03'20 21°Y42'24 27°Y43'55 0°器 25°器45'06 0°用 1°用52'45 17°用11'00 16°用58'09 23°用50'35 0°쯟  | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11 1°29'35 1°29'19            |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 07 j 19:38 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36 -892 Jul 04 j 11:33 -892 Jul 09 j 03:25 -892 Jul 13 j 06:56 -892 Jul 18 j 23:11 -892 Jul 31 j 19:24   | 22°\(\cdot\)49'26 0°\(\cdot\)0°\(\cdot\)20'46 7°\(\cdot\)58'37 0°\(\cdot\)841'18 20°\(\cdot\)11'08 19°\(\cdot\)51'00 16°\(\cdot\)23'35 15°\(\cdot\)34'56 15°\(\cdot\)44'54 11°\(\cdot\)40'29 11°\(\cdot\)23'02 16°\(\cdot\)31'47 0°\(\cdot\) 6°\(\cdot\)13'57 17°\(\cdot\)00'45 0°\(\cdot\) 2°\(\cdot\)37'46 2°\(\cdot\)23'39 11°\(\cdot\)49'41 19°\(\cdot\)40'40 0°\(\cdot\)                         | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17   | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set  superior conj minimum elong max. Earth dist.   | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 26 j 00:02 -891 Apr 26 j 00:02 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 18 j 15:33 -891 Jun 18 j 15:33 -891 Jun 18 j 15:33 -891 Jun 21 j 20:13 -891 Jun 24 j 21:13 -891 Jun 26 j 14:28   | 7°\mathrm{10'21} 20°\mathrm{19'31} 22°\mathrm{19'31} 22°\mathrm{13'81'7} 0°\mathrm{24'\mathrm{13'02} 0°\mathrm{18'02} 0°\mathrm{18'02} 0°\mathrm{18'02} 0°\mathrm{18'02} 28°\mathrm{12'15'8} 26°\mathrm{10'05'55} 25°\mathrm{15'2'45} 25°\mathrm{18'15'5} 0°\mathrm{18'15'2'45} 17°\mathrm{11'00} 16°\mathrm{15'2'45} 17°\mathrm{11'00} 16°\mathrm{15'8'09} 23°\mathrm{13'50'35} 0°\mathrm{13'50'35} 0°\mathrm{13'50'35} 0°\mathrm{13'50'35} 0°\mathrm{13'50'35} 0°\mathrm{13'50'35} 3°\mathrm{13'50'35} 3°\mathrm{13'50'35} 3°\mathrm{13'50'35} | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11 1°29'35 1°29'19            |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el  asc. node morning set  superior conj minimum elong max. Earth dist. evening rise desc. node                        | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 04 j 13:20 -892 Jul 04 j 13:33 -892 Jul 04 j 11:33 -892 Jul 09 j 03:25 -892 Jul 13 j 06:56 -892 Jul 13 j 06:56 -892 Jul 31 j 19:24 -892 Aug 07 j 15:30   | 22° \ 49'26<br>0° \ 7'<br>0° \ 7'20'46<br>7° \ 7'58'37<br>0° \ 8'<br>13° \ 841'18<br>20° \ 811'08<br>19° \ 851'00<br>16° \ 823'35<br>15° \ 844'54<br>11° \ 840'29<br>11° \ 823'02<br>16° \ 831'47<br>0° \ II<br>6° \ II 13'57<br>17° \ I 00'45<br>0° \ 93'7'46<br>2° \ 93'8'39<br>11° \ 949'41<br>19° \ 946'04<br>0° \ \ 0° \ \ 0° \ 0°<br>20° \ \ \ 031'30<br>0° \ \ 0° \ \ 0° \ \ 0° \ 0° \ 0° \ 0° | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17  1°41'31 1°41'24 1.35866 AU                       | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set  superior conj minimum elong max. Earth dist. evening rise                            | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 26 j 00:02 -891 Apr 26 j 00:02 -891 Apr 26 j 00:02 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58 -891 Jun 18 j 15:33 -891 Jun 18 j 15:33 -891 Jun 21 j 20:13 -891 Jun 24 j 21:13 -891 Jun 26 j 14:28 -891 Jul 11 j 19:00   | 7°\(\cdot\)10'21 20°\(\cdot\)19'31 22°\(\cdot\)38'17 0°\(\cdot\) 24°\(\cdot\)30'45 0°\(\cdot\)30'\(\cdot\)28'\(\cdot\)21'58 26°\(\cdot\)05'05 26°\(\cdot\)05'05 26°\(\cdot\)05'05 26°\(\cdot\)05'55 25°\(\cdot\)53'37 22°\(\cdot\)03'20 21°\(\cdot\)42'24 27°\(\cdot\)43'55 0°\(\cdot\) 25°\(\cdot\)45'06 0°\(\cdot\)1'\(\cdot\)152'45 17°\(\cdot\)11'00 16°\(\cdot\)58'09 23°\(\cdot\)23'03 0°\(\cdot\)   | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11 1°29'35 1°29'19 1.34429 AU |
| minimum elong asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el  asc. node morning set  superior conj minimum elong max. Earth dist. evening rise desc. node                        | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 04 j 13:20 -892 Jul 04 j 13:30 -892 Jul 09 j 03:25 -892 Jul 13 j 06:56 -892 Jul 13 j 06:56 -892 Jul 31 j 19:24 -892 Aug 07 j 15:30 -892 Aug 17 j 22:35   | 22° \ 49'26 0° \ 70° \ 720'46 7° \ 758'37 0° \ 8 13° \ 841'18 20° \ 811'08 19° \ 851'00 16° \ 823'35 15° \ 844'54 11° \ 840'29 11° \ 823'02 16° \ 831'47 0° \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17  1°41'31 1°41'24 1.35866 AU                       | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set  superior conj minimum elong max. Earth dist. evening rise  desc. node                | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 26 j 00:02 -891 Apr 25 j 20:36 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 05 j 02:05 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58 -891 Jun 18 j 15:33 -891 Jun 18 j 15:33 -891 Jun 21 j 20:13 -891 Jun 24 j 21:13 -891 Jun 26 j 14:28 -891 Jul 18 j 16:24   | 7°\( \) 10'21 20°\( \) 19'31 22°\( \) 38'17 0°\( \) 24°\( \) 30'45 0°\( \) 0°\( \) 18'02 0°\( \) 05'04 30°\( \) \( \) 28°\( \) 21'58 26°\( \) 05'05 26°\( \) 09'55 25°\( \) 53'37 22°\( \) 03'20 21°\( \) 42'24 27°\( \) 43'55 0°\( \) 25°\( \) 45'06 0°\( \) 1°\( \) 152'45 17°\( \) 11'00 16°\( \) 158'09 23°\( \) 150'35 0°\( \) 3°\( \) 23'03 0°\( \) 10°\( \) 09'30   | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11 1°29'35 1°29'19 1.34429 AU |
| asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist. evening rise desc. node                                       | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36 -892 Jul 04 j 13:20 -892 Jul 04 j 13:30 -892 Jul 09 j 03:25 -892 Jul 13 j 06:56 -892 Jul 18 j 23:11 -892 Jul 31 j 19:24 -892 Aug 07 j 15:30 -892 Aug 17 j 22:35 -892 Aug 30 j 15:29 | 22° \ 49'26 0° \ 70° \ 720'46 7° \ 758'37 0° \ 8 13° \ 841'18 20° \ 811'08 19° \ 851'00 16° \ 823'35 15° \ 844'54 11° \ 840'29 11° \ 823'02 16° \ 831'47 0° \ \ \ 6° \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17  1°41'31 1°41'24 1.35866 AU                       | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set  superior conj minimum elong max. Earth dist. evening rise  desc. node                | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 26 j 00:02 -891 Apr 25 j 20:36 -891 Apr 26 j 00:02 -891 Apr 26 j 00:02 -891 Apr 26 j 00:01 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58 -891 Jun 18 j 15:33 -891 Jun 18 j 15:33 -891 Jun 24 j 21:13 -891 Jun 24 j 21:13 -891 Jun 26 j 14:28 -891 Jul 18 j 16:24 -891 Jul 31 j 10:16 -891 Aug 06 j 03:00 | 7°\(\cdot\)10'21 20°\(\cdot\)19'31 22°\(\cdot\)38'17 0°\(\cdot\) 24°\(\cdot\)30'45 0°\(\cdot\)30'\(\cdot\)20'55 26°\(\cdot\)0'55 25°\(\cdot\)53'37 22°\(\cdot\)03'20 21°\(\cdot\)42'24 27°\(\cdot\)43'55 0°\(\cdot\) 25°\(\cdot\)45'06 0°\(\cdot\)1"\(\cdot\)52'45 17°\(\cdot\)11'00 16°\(\cdot\)58'09 23°\(\cdot\)50'35 0°\(\cdot\) 3°\(\cdot\)23'03 0°\(\cdot\) 10°\(\cdot\)09'30 25°\(\cdot\)21'02  | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11 1°29'35 1°29'19 1.34429 AU |
| asc. node evening rise  evening max el retrograde desc. node evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde evening set | -892 Mar 22 j 01:37 -892 Mar 25 j 09:50 -892 Mar 25 j 13:42 -892 Mar 29 j 03:38 -892 Apr 09 j 19:51 -892 Apr 20 j 10:12 -892 May 03 j 16:03 -892 May 04 j 20:03 -892 May 06 j 22:08 -892 May 14 j 19:12 -892 May 16 j 05:04 -892 May 15 j 22:09 -892 May 25 j 00:26 -892 May 27 j 17:53 -892 Jun 07 j 19:38 -892 Jun 18 j 00:54 -892 Jun 21 j 12:58 -892 Jun 27 j 00:01 -892 Jul 03 j 06:36 -892 Jul 04 j 11:33 -892 Jul 09 j 03:25 -892 Jul 13 j 06:56 -892 Jul 18 j 23:11 -892 Jul 31 j 19:24 -892 Aug 07 j 15:30 -892 Aug 17 j 22:35 -892 Aug 30 j 15:29 -892 Sep 06 j 02:05 | 22°\(\cdot\)49'26 0°\(\cdot\)0°\(\cdot\)20'46 7°\(\cdot\)58'37 0°\(\cdot\)841'18 20°\(\cdot\)11'08 19°\(\cdot\)51'00 16°\(\cdot\)23'35 15°\(\cdot\)34'56 15°\(\cdot\)44'54 11°\(\cdot\)42'29 11°\(\cdot\)23'02 16°\(\cdot\)31'47 0°\(\cdot\)13'57 17°\(\cdot\)100'45 0°\(\cdot\) 2°\(\cdot\)31'30 0°\(\cdot\) 11°\(\cdot\)53'03 19°\(\cdot\)03'44 16°\(\cdot\)03'44 16°\(\cdot\)03'44                 | 0°36'35  22°49'04  0.55487 AU -3°01'23 2°59'26  20°45'17  1°41'31 1°41'24 1.35866 AU  26°19'40  0.66298 AU | minimum elong asc. node evening rise  evening max el  retrograde evening set  desc. node inferior conj minimum elong min. Earth dist. morning rise direct morning max el  asc. node  morning set  superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el | -891 Mar 06 j 04:26 -891 Mar 12 j 10:44 -891 Mar 13 j 13:21 -891 Mar 17 j 04:18 -891 Apr 02 j 07:52 -891 Apr 11 j 12:44 -891 Apr 14 j 06:26 -891 Apr 16 j 15:24 -891 Apr 17 j 01:48 -891 Apr 26 j 00:02 -891 Apr 25 j 20:36 -891 Apr 26 j 08:11 -891 May 05 j 02:05 -891 May 08 j 04:35 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 May 20 j 20:30 -891 Jun 08 j 10:01 -891 Jun 10 j 12:13 -891 Jun 11 j 09:58 -891 Jun 18 j 15:33 -891 Jun 18 j 15:33 -891 Jun 24 j 21:13 -891 Jun 26 j 14:28 -891 Jul 18 j 16:24 -891 Jul 31 j 10:16   | 7°\(\cdot\) 10'21 20°\(\cdot\) 19'31 22°\(\cdot\) 38'17 0°\(\cdot\) 24°\(\cdot\) 30'45 0°\(\cdot\) 30'\(\cdot\) 28°\(\cdot\) 21'58 26°\(\cdot\) 0'55 26°\(\cdot\) 0'55 25°\(\cdot\) 53'37 22°\(\cdot\) 0'320 21°\(\cdot\) 42'24 27°\(\cdot\) 43'55 0°\(\cdot\) 25°\(\cdot\) 45'06 0°\(\cdot\) 1°\(\cdot\) 52'45 17°\(\cdot\) 11'00 16°\(\cdot\) 58'09 23°\(\cdot\) 50'35 0°\(\cdot\) 3°\(\cdot\) 23'\(\cdot\) 30 25°\(\cdot\) 21'02 0°\(\cdot\)  | 1°02'22 21°18'34 -1°12'59 1°11'47 0.55026 AU 22°16'11 1°29'35 1°29'19 1.34429 AU |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -891 Aug 20 j 14:59 29°**Ω**53'45 retrograde -890 Jul 27 j 12:30 15°**Ω**50'48 evening set -891 Aug 24 j 11:03 26° **Ω**08'00 0.65165 AU evening set -890 Aug 03 j 16:52 13°Ω10'20 min. Earth dist. -891 Aug 26 j 11:48 23°**Ω**49'47 -2°48'52 -890 Aug 07 j 07:44 9°**Ω**58'15 0.63665 AU min. Earth dist. inferior coni 7°**Ω**18'57 -3°37'04 -891 Aug 26 j 15:49 23°**Ω**38'23 2°47'30 -890 Aug 09 j 21:49 minimum elong inferior conj -891 Sep 01 j 17:17 -890 Aug 10 j 02:22 7°**Ω**07'15 3°35'53 morning rise 18°**Ω**14'37 minimum elong -891 Sep 04 j 09:11 asc. node 17°**Ω**32'56 morning rise -890 Aug 16 j 12:54 2°**Ω**00'43 1°**Ω**27'45 -891 Sep 04 j 12:03 direct 17°**Ω**32'52 direct -890 Aug 19 j 03:06 -891 Sep 11 j 01:01 21°**Ω**05'13 18°12'50 morning max el asc. node -890 Aug 22 j 06:14 2°**Ω**16′23 -891 Sep 17 j 21:17 0° m morning max el -890 Aug 25 j 16:33 4°**Ω**53′28 17°55'37  $18^{\circ}$  My 57'00-890 Sep 11 j 01:06 morning set -891 Sep 29 j 13:52 0° m -891 Oct 06 j 07:30 0∘**⊽** morning set -890 Sep 11 j 12:51 0° m 50'58 -891 Oct 14 j 00:10 0°48'42 superior conj 12°**£**21'30 0°04'16 superior conj -890 Sep 23 j 22:19 21° m/52'31 minimum elong -891 Oct 14 j 00:42 12°**≏**23'38 0°04'11 minimum elong -890 Sep 24 j 03:01 22° m 11'53 0°48'05 behind sun begin -891 Oct 13 j 14:03 11°**≏**41'18 -890 Sep 28 j 22:14 0∘**⊽** behind sun end -891 Oct 14 j 11:22 13°**♀**05'55 max. Earth dist. -890 Sep 29 j 20:11 1°**≏**28'01 1.44014 AU desc. node -891 Oct 14 j 15:43 13°**♀**23'13 desc. node -890 Oct 01 j 12:46 4°**£**09'46 max. Earth dist. -891 Oct 17 j 03:38 17°**♀**20'07 1.44836 AU evening rise -890 Oct 09 j 20:15 17°**♀**09'54 -891 Oct 25 j 05:32 0°M -890 Oct 18 j 06:22 0°M evening rise -891 Oct 30 j 12:35  $8^{\circ}$ MJ4'45 evening max el -890 Nov 07 j 05:47 27°ML18'17 20°39'50 greatest brilliancy -891 Nov 11 j 18:53 27°MJ09'19 -0.7m -890 Nov 10 j 05:28 0°×7 -891 Nov 13 j 16:25 0°×7 retrograde -890 Nov 15 i 09:42 2°×107'50 evening max el -891 Nov 24 i 03:40 13°**х** 50′33 19°38'12 asc. node -890 Nov 18 i 05:27 1°**х** 22′20 -891 Dec 01 i 08:24 18°**₹**06'48 evening set -890 Nov 19 i 06:26 0°**∡**42′02 asc. node retrograde -891 Dec 01 j 12:06 18°**∡**¹06'57 -890 Nov 20 j 02:52 30°RML -891 Dec 04 j 23:34 16°**х** 56′07 -890 Nov 24 j 16:13 24°MJ33'11 2°05'15 evening set inferior conj -891 Dec 10 j 12:23 10°**₹**58'20 2°47'06 minimum elong -890 Nov 24 j 13:43 24°M41'40 2°04'21 inferior conj -891 Dec 10 j 09:31 -890 Nov 25 j 06:11 0.67145 AU 11°**×**707'43 2°46'16 min. Earth dist. 23°M-45'37 minimum elong -891 Dec 11 j 14:41 morning rise -890 Nov 29 j 20:48 min. Earth dist. 9°**∡**³32′09 0.66416 AU 18°M,19'19 morning rise -891 Dec 15 j 19:14 4°**х** 46′02 -890 Dec 05 j 08:40 direct 15°M 54'43 2°**∡**¹03'57 22°M33'55 24°19'43 -891 Dec 21 j 21:49 -890 Dec 16 j 12:16 direct morning max el -890 Jan 03 j 03:50 -890 Dec 23 j 01:01 9°**∡**19'39 25°42'33 0°**∡** morning max el -890 Jan 10 j 14:55 7°**х** 08′23 17°**₹**52'22 -890 Dec 28 j 11:59 desc. node desc. node -890 Jan 19 j 12:11 0°궁 -889 Jan 12 j 20:21 0°궁 -890 Feb 06 j 22:58 -889 Jan 21 j 09:19 14°**ප**16'14 0°≈ morning set -890 Feb 08 j 10:15 -889 Jan 25 j 02:47 20°る52'33 1.37901 AU morning set 2°≈40'05 max. Earth dist. 9°**≈**49'12 1.35974 AU -889 Jan 30 j 01:21 max. Earth dist. -890 Feb 12 j 06:06 0°≈ superior conj -890 Feb 17 j 19:18 20°≈41'51 -1°26'42 superior conj -889 Feb 01 j 01:49 3°≈50'56 -1°46'13 -890 Feb 17 j 22:56 21°≈00'03 1°26'13 minimum elong -889 Feb 01 j 05:18 4°≈07'37 1°45'55 minimum elong -890 Feb 22 j 09:05 0°**)**€ evening rise -889 Feb 09 j 18:53 20°≈58'13 -890 Feb 25 j 19:12 7°**₩**00'17 -889 Feb 14 j 04:47 29°≈32'02 evening rise asc. node -890 Feb 27 j 07:45 10°**)**€05'01 -889 Feb 14 j 10:44 0°**)**€ asc. node -890 Mar 10 j 16:04  $0^{\circ}\Upsilon$ -889 Feb 26 j 11:31 17°**¥**55'58 19°04'46 evening max el -890 Mar 15 j 16:12 5°Υ54'06 20°02'20 -889 Mar 07 j 03:00 22°**₭**05'16 evening max el retrograde -890 Mar 25 j 22:10 -889 Mar 09 i 09:38 retrograde 10°**Y**48'27 evening set 21°¥49'13 -890 Mar 28 i 01:33 evening set 10°**Y**36'32 inferior conj -889 Mar 17 j 12:02 17°**¥**36'10 2°20'58 -890 Apr 05 j 22:13 6°**Υ**36'45 0°44'55 inferior conj minimum elong -889 Mar 17 j 16:30 17°\ 28'24 2°19'44 minimum elong -890 Apr 06 j 00:10 6°Υ33'46 0°44'15 min. Earth dist. -889 Mar 20 j 14:06 15°**)** €28'45 0.56860 AU min. Earth dist. -890 Apr 07 j 22:21 5°Υ24'03 0.55520 AU morning rise -889 Mar 25 j 20:25 12°\ 36'21 -890 Apr 08 j 14:04 5°**Y**00′55 desc. node -889 Mar 26 j 11:07 12°¥22'46 desc node -890 Apr 14 j 20:43 2°Υ09'15 direct -889 Mar 30 j 22:31 11°\ 35'24 morning rise -890 Apr 18 j 19:09 1°Y35'14 -889 Apr 14 j 04:28 18°**¥**56'35 25°32'28 direct morning max el 8°Y24'33 23°56'15  $0^{\circ}\Upsilon$ morning max el -890 May 02 j 13:39 -889 Apr 23 j 11:10 0°8 -890 May 18 j 06:41  $0^{\circ}$ 8 -889 May 10 j 12:28 -890 May 26 j 07:03 15°**8**34'26 -889 May 11 j 09:36 1°**8**50'31 asc. node morning set -890 May 26 j 21:42 16°**8**51'07 -889 May 13 j 04:07 5°**8**36'26 morning set asc. node -890 Jun 02 j 00:43  $0^{\circ}\Pi$ -889 May 18 j 09:31 16°**8**58'23 0°52'40 superior conj -890 Jun 02 j 22:59 2°**I**00'13 1°12'57 -889 May 18 j 07:27 16°**8**47'03 0°52'18 superior conj minimum elong -890 Jun 02 j 20:29 18°**8**57'56 1.32719 AU minimum elong 1°**Ⅱ**46'46 1°12'34 max. Earth dist. -889 May 19 j 07:26 max. Earth dist. -890 Jun 04 j 22:16 6°**Ⅲ**13'45 1.33382 AU -889 May 24 j 11:05  $0^{\circ}\Pi$ evening rise -890 Jun 10 j 09:18 17°**Ⅲ**34'21 evening rise -889 May 25 j 12:02 2°**Ⅱ**09'32 -890 Jun 16 j 20:25 0 $\circ$  $\odot$ -889 Jun 09 j 17:55 0ಂತಾ desc. node -890 Jul 05 j 13:25 29°909'09 desc. node -889 Jun 22 j 10:25 17°9514'25

-889 Jun 26 j 04:18

-889 Jul 10 j 01:30

evening max el

retrograde

21°907'40 27°13'20

28°9526'07

-890 Jul 06 j 05:30

-890 Jul 13 j 20:53

evening max el

 $0^{\circ}\Omega$ 

8° **Ω**29'53 27°25'08

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -889 Jul 17 i 03:48 26°905'40 desc. node -888 Jun 08 i 07:26 4°9502'11 evening set -889 Jul 20 j 18:21 23°517'54 0.61844 AU -888 Jun 21 j 06:20 10°9518'05 min. Earth dist. retrograde -889 Jul 23 j 20:13 20°929'52 -4°15'43 -888 Jun 27 j 19:16 8°930'21 evening set inferior coni 20°520'56 4°15'05 -889 Jul 24 j 00:07 min. Earth dist. -888 Jul 01 j 19:07 5°952'05 0.59816 AU minimum elong 3°513'05 -4°37'41 -889 Jul 30 j 21:54 inferior conj -888 Jul 05 j 03:23 morning rise 15°931'25 4°37'35 -889 Aug 02 j 09:57 minimum elong direct 15°904'32 -888 Jul 05 j 04:50 3°9510'09 -888 Jul 09 j 14:45 asc. node -889 Aug 09 j 03:19 18°**©**22'52 30°RⅡ 17°56'44 28°**Ⅲ**36'48 morning max el -889 Aug 09 j 07:04 18°**©**31'56 morning rise -888 Jul 12 j 16:26 -889 Aug 17 j 14:21 0° $\Omega$ direct -888 Jul 15 j 04:28 28°**Ⅱ**14'06 morning set -889 Aug 25 j 07:54 13°**Ω**42'37 -888 Jul 20 j 10:18 0ಂತಾ -889 Sep 03 j 10:03 0° M morning max el -888 Jul 22 j 17:37 1°**©**52'54 18°17'24 asc. node -888 Jul 26 j 00:24 5°936'58 -889 Sep 04 j 23:50 superior conj  $2^{\circ}$  My 44'201°20'54 morning set -888 Aug 07 j 17:37 27°9517'23 minimum elong -889 Sep 05 j 04:41 3°m/05'18 1°20'25 -888 Aug 09 j 03:52  $0^{\circ}\Omega$ max. Earth dist. -889 Sep 12 j 08:25 15° Mp 08'45 1.42597 AU desc. node -889 Sep 18 j 09:48 24° m 54'37 superior conj -888 Aug 17 j 02:28 14°**Ω**51'08 1°39'50 evening rise -889 Sep 19 j 06:00 26° m 14'19 minimum elong -888 Aug 17 j 05:22 15°**Ω**04'18 1°39'40 -889 Sep 21 j 15:44 0∘**⊽** max. Earth dist. -888 Aug 24 j 15:33 28°**Ω**10′53 1.40764 AU -889 Oct 12 j 04:07 0°M -888 Aug 25 j 17:11 evening max el -889 Oct 21 j 02:05 10°M46'23 21°52'37 evening rise -888 Aug 29 j 10:18 6° m 11'24 retrograde -889 Oct 30 j 06:03 16°ML13'18 desc. node -888 Sep 04 j 06:49 15° m 34'27 evening set -889 Nov 03 j 14:14 14°MJ30'24 -888 Sep 13 i 20:15 0∘**⊽** asc. node -889 Nov 05 i 02:31 13°ML05'54 evening max el -888 Oct 02 i 17:19 24° 216'03 23° 11'51 inferior conj -889 Nov 08 j 22:33 8°M13'56 1°17'36 -888 Oct 10 i 19:29 0°M -889 Nov 08 i 20:51 8°M19'50 1°16'53 retrograde -888 Oct 12 j 23:46 0°M20'52 minimum elong -889 Nov 09 j 01:25 8°ML04'00 0.67534 AU -888 Oct 15 j 01:26 min. Earth dist. 30°R <u>Ω</u> -889 Nov 14 j 03:17 -888 Oct 17 j 21:15 2°M00'51 evening set 28° **1**9'36 morning rise -889 Nov 18 j 08:23 -888 Oct 21 j 23:35 23°**£**41'19 asc. node -889 Nov 18 j 23:58 -888 Oct 23 j 05:34 direct 29°**£**57'57 inferior conj 21° \alpha 59'00 0° 25'49 -889 Nov 19 j 15:47 -888 Oct 23 j 04:57 0°M minimum elong 22°**2**01'05 0°25'33 -889 Nov 28 j 22:03 -888 Oct 22 j 21:58 morning max el 5°M51'39 22°52'08 min. Earth dist. 22°**£**25'04 0.67599 AU -889 Dec 15 j 09:03 -888 Oct 28 j 12:34 15°**£**49'09 desc. node 26°M55'13 morning rise -889 Dec 17 j 11:52 -888 Nov 01 j 18:48 14°**£**08'45 0° ⊀ direct -888 Jan 02 j 05:29 24°**х**³30′52 -888 Nov 10 j 12:52 19°**♀**17'07 21°28'28 morning set morning max el -888 Jan 05 j 12:09 -888 Nov 19 j 08:47 0°궁 0°M -888 Jan 06 j 22:16 2°る25'27 1.40017 AU -888 Dec 01 j 06:06 17°M04'15 max. Earth dist. desc. node -888 Dec 09 j 16:57 0°**⊼** superior conj -888 Jan 14 j 16:35 16°る10'12 -1°58'23 morning set -888 Dec 11 j 20:53 3°**х** 24′05 -888 Jan 14 j 18:22 16°る18'23 1°58'19 max. Earth dist. -888 Dec 18 j 23:43 14°**∡**′53'12 1.42023 AU minimum elong -888 Jan 22 j 02:02 0°**≈** evening rise -888 Jan 24 j 09:28 4°≈24'02 superior conj -888 Dec 26 j 10:12 27°**х** 26'36 -1°59'10 -888 Feb 01 j 01:50 18°≈33'21 -888 Dec 26 j 08:20 27°**х** 18'32 1°59'08 asc. node minimum elong -888 Feb 09 j 03:39 0°**)**€ -888 Dec 27 j 21:29 0°정 -888 Feb 09 j 15:24 0°¥29'19 18°27'02 -887 Jan 06 j 11:25 17°る10'25 evening max el evening rise -888 Feb 17 j 02:35 4°**)**€09'30 -887 Jan 13 j 15:05 retrograde 0°≈ -888 Feb 19 i 14:09 evening set 3°\(\)46'25 asc. node -887 Jan 17 j 22:53 7°≈01'04 -888 Feb 25 i 23:10 -887 Jan 23 i 00:56 30°R≈ evening max el 13°**≈**26′16 18°09'16 -888 Feb 26 i 22:31 -887 Jan 29 i 19:34 inferior conj 29°≈13'16 3°21'39 retrograde 16°≈53'21 -888 Feb 27 j 02:04 minimum elong 29°≈06'04 3°21'01 evening set -887 Feb 01 i 11:23 16°≈21'54 min. Earth dist. -888 Mar 01 j 08:49 26°≈28'11 0.58750 AU -887 Feb 08 i 04:49 11°≈27'16 3°49'19 inferior coni -888 Mar 05 j 11:32 23°≈46'07 minimum elong -887 Feb 08 j 06:02 11°≈24'24 3°49'13 morning rise min. Earth dist. -888 Mar 11 j 14:54 22°≈08'19 -887 Feb 11 j 09:41 8°≈28'22 0.60832 AU direct -888 Mar 12 j 08:10 22°≈09'39 -887 Feb 14 j 23:06 5°≈41'10 desc. node morning rise morning max el -888 Mar 25 j 22:30 29°≈46'27 26°49'48 direct -887 Feb 21 j 18:21 3°≈26'57 0°**∀** -888 Mar 26 j 04:02 desc. node -887 Feb 27 j 05:14 4°≈45'21  $0^{\circ}\Upsilon$ -888 Apr 16 j 06:45 -887 Mar 07 j 22:54 11°≈14'10 27°35'55 morning max el 16°**Y**44′00 -887 Mar 22 j 15:49 0°**)**€ morning set -888 Apr 24 j 19:56 25°**Y**45'17  $0^{\circ}\Upsilon$ -888 Apr 29 j 01:10 -887 Apr 08 j 10:16 asc. node -888 Apr 30 j 23:46 0°8 -887 Apr 09 j 02:54 1°Y25'17 morning set 14°**Y**42'30 -887 Apr 15 j 08:36 1.32463 AU max. Earth dist. -888 May 01 j 21:16 1°**8**57'57 0°29'36 -887 Apr 15 j 22:13 15°**Y**56'46 superior conj asc. node minimum elong -888 May 01 j 19:59 1°**8**50'56 0°29'21 max. Earth dist. -888 May 01 j 20:10 1°**8**51'53 1.32414 AU superior conj -887 Apr 16 j 08:32 16°**Y**53'11 0°04'34 evening rise -888 May 08 j 19:52 16°**8**58'24 minimum elong -887 Apr 16 j 08:20 16°**Y**52′03 0°04'31 -888 May 15 j 08:32  $\Pi$ °0 behind sun begin -887 Apr 16 j 03:28 16°**Y**25′27 -888 Jun 04 j 06:36 0ಂತಾ behind sun end -887 Apr 16 j 13:12 17°**Y**18'39

-888 Jun 07 j 05:56

evening max el

3°503'11 26°28'35

-887 Apr 22 j 09:18

0°8

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 8 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Th | ne year -900 in     | astronomical cour | ting style is the year | 901 BCE in historical cou | nting style.               | 5          |
|---------------------|-----------------------------|---------------------|-------------------|------------------------|---------------------------|----------------------------|------------|
| evening rise        | -887 Apr 23 j 06:38         | 1° <b>8</b> 53'18   |                   | asc. node              | -886 Apr 02 j 19:15       | 6° <b>Y</b> 06'58          |            |
|                     | -887 May 08 j 14:25         | $\Pi^{\circ}0$      |                   | evening rise           | -886 Apr 07 j 18:26       | 16° <b>Ƴ</b> 47'38         |            |
| evening max el      | -887 May 20 j 00:41         | 14° <b>Ⅱ</b> 14'09  | 25°15'06          |                        | -886 Apr 14 j 08:19       | $0^{\circ}$ 8              |            |
| desc. node          | -887 May 26 j 04:27         | 19° <b>Ⅲ</b> 01′22  |                   | evening max el         | -886 May 01 j 15:32       | 24° <b>8</b> 55'26         | 23°43'56   |
| retrograde          | -887 Jun 03 j 01:21         | 21° <b>Ⅲ</b> 23'17  |                   |                        | -886 May 08 j 11:11       | $\Pi^{\circ}0$             |            |
| evening set         | -887 Jun 08 j 12:03         | 20° <b>Ⅱ</b> 14'24  |                   | desc. node             | -886 May 13 j 01:29       | 1° <b>Ⅱ</b> 35'38          |            |
| min. Earth dist.    | -887 Jun 13 j 12:28         | 17° <b>Ⅱ</b> 27'55  | 0.57805 AU        | retrograde             | -886 May 15 j 08:42       | 1° <b>Ⅱ</b> 47'43          |            |
| inferior conj       | -887 Jun 16 j 15:50         | 15° <b>Ⅱ</b> 18'40  | -4°32'20          | evening set            | -886 May 19 j 08:59       | 1° <b>Ⅱ</b> 12'09          |            |
| minimum elong       | -887 Jun 16 j 13:06         | 15° <b>Ⅲ</b> 23'24  | 4°32'05           |                        | -886 May 22 j 11:55       | 30°₹ <b>႘</b>              |            |
| morning rise        | -887 Jun 24 j 16:53         | 11° <b>Ⅲ</b> 04'27  |                   | min. Earth dist.       | -886 May 26 j 02:22       | 28° <b>8</b> 02'46         | 0.56141 AU |
| direct              | -887 Jun 27 j 06:02         | 10° <b>Ⅱ</b> 44'54  |                   | inferior conj          | -886 May 28 j 08:11       | 26° <b>8</b> 41'19         | -3°47'36   |
| morning max el      | -887 Jul 05 j 21:13         | 14° <b>∏</b> 47'29  | 18°58'35          | minimum elong          | -886 May 28 j 01:41       | 26° <b>8</b> 51'13         | 3°46'13    |
| asc. node           | -887 Jul 12 j 21:29         | 23° <b>Ⅱ</b> 43'54  |                   | morning rise           | -886 Jun 05 j 21:19       | 22° <b>8</b> 43'11         |            |
|                     | -887 Jul 16 j 14:06         | 0∘ <b>ௐ</b>         |                   | direct                 | -886 Jun 08 j 12:13       | 22° <b>8</b> 25'47         |            |
| morning set         | -887 Jul 22 j 13:43         | 11° <b>5</b> 23'40  |                   | morning max el         | -886 Jun 18 j 15:19       | 27° <b>8</b> 06'53         | 20°00'35   |
|                     |                             |                     |                   |                        | -886 Jun 21 j 09:21       | $\Pi$ °0                   |            |
| superior conj       | -887 Jul 31 j 00:33         | 27° <b>©</b> 57'00  | 1°47'20           | asc. node              | -886 Jun 29 j 18:31       | 12° <b>Ⅱ</b> 31′26         |            |
| minimum elong       | -887 Jul 31 j 01:12         | 28° <b>5</b> 00'05  | 1°47'20           | morning set            | -886 Jul 06 j 17:06       | 25° <b>Ⅱ</b> 53'29         |            |
|                     | -887 Aug 01 j 02:21         | $0 {\circ} \Omega$  |                   |                        | -886 Jul 08 j 17:33       | $0$ $\circ$ $\mathfrak{s}$ |            |
| max. Earth dist.    | -887 Aug 06 j 18:40         | 10° <b>Ω</b> 30′08  | 1.38761 AU        |                        |                           |                            |            |
| evening rise        | -887 Aug 10 j 15:39         | 17° <b>Ω</b> 19'39  |                   | superior conj          | -886 Jul 14 j 12:46       | 11° <b>©</b> 46'52         | 1°45'44    |
|                     | -887 Aug 18 j 06:43         | 0° <b>m</b>         |                   | minimum elong          | -886 Jul 14 j 11:40       | 11° <b>5</b> 541'22        | 1°45'42    |
| desc. node          | -887 Aug 22 j 03:49         | 6° № 04'54          |                   | max. Earth dist.       | -886 Jul 19 j 22:47       | 22° <b>5</b> 21'42         | 1.36847 AU |
|                     | -887 Sep 08 j 06:32         | 0∘ <b>⊽</b>         |                   | evening rise           | -886 Jul 23 j 20:24       | 29° <b>©</b> 36'45         |            |
| evening max el      | -887 Sep 15 j 05:19         | 7° <b>≙</b> 48'11   | 24°31'27          |                        | -886 Jul 24 j 01:32       | $0^{\circ}\Omega$          |            |
| retrograde          | -887 Sep 26 j 13:48         | 14° <b>≙</b> 26'37  |                   | desc. node             | -886 Aug 09 j 00:50       | 26° <b>Ω</b> 21'07         |            |
| evening set         | -887 Oct 02 j 01:47         | 12° <b>≏</b> 07'12  |                   |                        | -886 Aug 11 j 12:20       | O°Mp                       |            |
| min. Earth dist.    | -887 Oct 06 j 17:28         |                     | 0.67351 AU        | evening max el         | -886 Aug 28 j 16:33       | 21° <b>m</b> 23'37         | 25°44'03   |
| inferior conj       | -887 Oct 07 j 11:30         | 5° <b>≏</b> 46'14   | -0°28'36          | retrograde             | -886 Sep 09 j 23:27       | 28° Mp 26'15               |            |
| minimum elong       | -887 Oct 07 j 12:12         | 5° <b>≙</b> 43'53   | 0°28'17           | evening set            | -886 Sep 16 j 02:00       | 25° TQ 51'30               |            |
| asc. node           | -887 Oct 08 j 20:39         | 3° <b>ჲ</b> 57'00   |                   | min. Earth dist.       | -886 Sep 20 j 09:35       |                            | 0.66782 AU |
| morning rise        | -887 Oct 12 j 22:41         | 29° Mp 42'09        |                   | inferior conj          | -886 Sep 21 j 14:39       | 19° <b>m</b> 33'59         |            |
|                     | -887 Oct 12 j 13:11         | 30°R, Mp            |                   | minimum elong          | -886 Sep 21 j 16:45       | 19° <b>m</b> 27'18         | 1°23'08    |
| direct              | -887 Oct 16 j 16:04         | 28° <b>m</b> 22'29  |                   | asc. node              | -886 Sep 25 j 17:42       | 14° <b>m</b> 51'40         |            |
|                     | -887 Oct 21 j 02:51         | 0∘ <b>⊽</b>         |                   | morning rise           | -886 Sep 27 j 07:43       | 13° <b>m</b> 38'29         |            |
| morning max el      | -887 Oct 24 j 10:59         | 2° <b>ჲ</b> 52'22   | 20°14'43          | direct                 | -886 Sep 30 j 14:26       | 12°M 36'23                 |            |
|                     | -887 Nov 13 j 05:34         | o° <b>M</b> ₊       |                   | morning max el         | -886 Oct 07 j 16:29       | 16°M 36'51                 | 19°14'40   |
| desc. node          | -887 Nov 18 j 03:07         | 7° <b>M</b> 28'36   |                   |                        | -886 Oct 17 j 20:45       | 0∘ <b>⊽</b>                |            |
| morning set         | -887 Nov 20 j 18:24         | 11° <b>M</b> 32'32  |                   | morning set            | -886 Oct 30 j 22:01       | 20° <b>≏</b> 06'47         |            |
| max. Earth dist.    | -887 Dec 01 j 08:27         |                     | 1.43641 AU        | desc. node             | -886 Nov 05 j 00:09       | 28° <b>≏</b> 03'49         |            |
|                     | -887 Dec 02 j 11:23         | 0°⊀                 |                   |                        | -886 Nov 06 j 05:51       | $0^{\circ}$ M              |            |
|                     |                             |                     |                   | max. Earth dist.       | -886 Nov 13 j 23:00       | 12°M07'07                  | 1.44670 AU |
| superior conj       | -887 Dec 07 j 01:34         | 7° <b>∡</b> °28'17  |                   |                        |                           |                            |            |
| minimum elong       | -887 Dec 06 j 19:08         | 7° <b>∡</b> 01'51   | 1°43'43           | superior conj          | -886 Nov 16 j 15:09       | 16° <b>™</b> 20'56         |            |
| evening rise        | -887 Dec 19 j 20:27         | 29° <b>∡</b> °08'07 |                   | minimum elong          | -886 Nov 16 j 07:19       | 15° <b>™</b> 49'52         | 1°10'14    |
|                     | -887 Dec 20 j 08:25         | 0°る                 |                   |                        | -886 Nov 25 j 03:22       | 0° <b>∡</b>                |            |
| asc. node           | -886 Jan 04 j 19:55         | 24° <b>る</b> 44'34  |                   | evening rise           | -886 Dec 01 j 08:14       | 10° <b>∡</b> ′09'28        |            |
| evening max el      | -886 Jan 06 j 13:07         | 26° <b>る</b> 38'26  | 18°11'03          |                        | -886 Dec 13 j 12:49       | 0° <b>ろ</b>                |            |
|                     | -886 Jan 11 j 23:44         | 0° <b>≈</b>         |                   | evening max el         | -886 Dec 21 j 01:17       | 9° <b>る</b> 59'43          | 18°31'30   |
| retrograde          | -886 Jan 13 j 01:25         | 0° <b>≈</b> 05'55   |                   | asc. node              | -886 Dec 22 j 16:57       | 11° <b>る</b> 31'12         |            |
|                     | -886 Jan 14 j 03:07         | 30°Ŗる               |                   | retrograde             | -886 Dec 27 j 15:41       | 13° <b>る</b> 38'42         |            |
| evening set         | -886 Jan 15 j 21:20         | 29° <b>る</b> 25'15  |                   | evening set            | -886 Dec 30 j 16:29       | 12° <b>る</b> 47'36         |            |
| inferior conj       | -886 Jan 22 j 03:17         | 24° <b>る</b> 10'13  |                   | inferior conj          | -885 Jan 05 j 13:56       | 7° <b>る</b> 14'08          | 3°36'12    |
| minimum elong       | -886 Jan 22 j 02:22         | 24° <b>る</b> 12'39  | 3°51'43           | minimum elong          | -885 Jan 05 j 11:40       | 7° <b>る</b> 20'48          | 3°35'51    |
| min. Earth dist.    | -886 Jan 24 j 19:27         | 21° <b>る</b> 20'30  | 0.62808 AU        | min. Earth dist.       | -885 Jan 07 j 14:59       | 4° <b>る</b> 50'25          | 0.64502 AU |
| morning rise        | -886 Jan 28 j 06:30         | 18° <b>る</b> 12'13  |                   | morning rise           | -885 Jan 11 j 06:22       | 1° <b>る</b> 08'41          |            |
| direct              | -886 Feb 04 j 06:53         | 15° <b>る</b> 31'38  |                   |                        | -885 Jan 12 j 18:57       | 30°₽ <b>✓</b>              |            |
| desc. node          | -886 Feb 14 j 02:17         | 19° <b>る</b> 43'14  |                   | direct                 | -885 Jan 18 j 02:55       | 28° <b>∡</b> 16'41         |            |
| morning max el      | -886 Feb 18 j 04:56         | 23° <b>る</b> 22'38  | 27°45'22          |                        | -885 Jan 23 j 23:20       | 0° <b>ろ</b>                |            |
|                     | -886 Feb 24 j 03:34         | 0° <b>≈</b>         |                   | morning max el         | -885 Jan 31 j 13:56       | 6° <b>ප</b> 03'12          | 27°19'23   |
|                     | -886 Mar 15 j 21:24         | 0° <b>∀</b>         |                   | desc. node             | -885 Jan 31 j 23:19       | 6° <b>පි</b> 26'51         |            |
| morning set         | -886 Mar 24 j 04:17         | 15° <b>)</b> 46′59  |                   |                        | -885 Feb 18 j 22:40       | 0° <b>≈</b>                |            |
| max. Earth dist.    | -886 Mar 29 j 16:41         | 27° <b>¥</b> 15′26  | 1.32885 AU        | morning set            | -885 Mar 07 j 21:13       | 29° <b>≈</b> 38'59         |            |
|                     | -886 Mar 30 j 23:24         | $0^{\circ}\Upsilon$ |                   |                        | -885 Mar 08 j 01:31       | 0° <b>∀</b>                |            |
|                     |                             |                     |                   | max. Earth dist.       | -885 Mar 12 j 16:23       | 9° <b>) 17</b> '41         | 1.33727 AU |
| superior conj       | -886 Mar 31 j 17:39         | 1° <b>Y</b> 38′27   |                   |                        |                           |                            |            |
| minimum elong       | -886 Mar 31 j 18:41         | 1° <b>Y</b> 43'57   | 0°21'28           | superior conj          | -885 Mar 15 j 22:41       | 16° <b>)</b> €06'43        | -0°48'05   |

| -                   | -                   |                                  | •           | · · · · · · · · · · · · · · · · · · · | 01 BCE in historical cou | , ,                             | 50 )        |
|---------------------|---------------------|----------------------------------|-------------|---------------------------------------|--------------------------|---------------------------------|-------------|
| minimum elong       | -885 Mar 16 j 00:57 | 16° <b>∺</b> 18'40               |             | minimum elong                         | -884 Feb 28 j 00:40      | 0° <b>¥</b> 27'58               | 1°12'49     |
| asc. node           | -885 Mar 20 j 16:16 | 26° <b>₩</b> 11'10               |             |                                       | -884 Feb 27 j 19:12      | 0° <b>)</b> €                   |             |
|                     | -885 Mar 22 j 11:27 | 0°Υ                              |             | evening rise                          | -884 Mar 06 j 13:45      | 16° <b>米</b> 07′26              |             |
| evening rise        | -885 Mar 23 j 05:25 | 1° <b>Ƴ</b> 34'21                |             | asc. node                             | -884 Mar 06 j 13:18      | 16° <b>米</b> 05′09              |             |
|                     | -885 Apr 08 j 10:37 | 0° <b>႘</b>                      |             |                                       | -884 Mar 13 j 16:00      | $0^{\circ}$ $\Upsilon$          |             |
| evening max el      | -885 Apr 13 j 08:59 | 5° <b>8</b> 34'32                | 22°09'28    | evening max el                        | -884 Mar 25 j 11:05      | 16° <b>Ƴ</b> 37'40              | 20°44'11    |
| retrograde          | -885 Apr 26 j 03:40 | 11° <b>8</b> 49'54               |             | retrograde                            | -884 Apr 05 j 16:33      | 22° <b>Y</b> ′01'42             |             |
| evening set         | -885 Apr 28 j 22:29 | 11° <b>8</b> 32'46               |             | evening set                           | -884 Apr 07 j 21:42      | 21° <b>Y</b> 49'56              |             |
| desc. node          | -885 Apr 29 j 22:30 | 11° <b>8</b> 18'39               |             | desc. node                            | -884 Apr 15 j 19:31      | 18° <b>Ƴ</b> 36'39              |             |
| min. Earth dist.    | -885 May 07 j 15:33 | 7° <b>8</b> 48'44                | 0.55172 AU  | inferior conj                         | -884 Apr 17 j 02:36      | 17° <b>Y</b> ′52'26             | -0°22'10    |
| inferior conj       | -885 May 08 j 08:05 | 7° <b>8</b> 25'24                | -2°18'51    | minimum elong                         | -884 Apr 17 j 01:34      | 17° <b>Y</b> 53'56              | 0°21'46     |
| minimum elong       | -885 May 08 j 02:04 | 7° <b>8</b> 33'54                | 2°16'57     | min. Earth dist.                      | -884 Apr 18 j 04:59      | 17° <b>Ƴ</b> 14'40              | 0.55124 AU  |
| morning rise        | -885 May 17 j 07:09 | 3° <b>8</b> 29'51                |             | morning rise                          | -884 Apr 26 j 04:35      | 13° <b>Ƴ</b> 41'35              |             |
| direct              | -885 May 20 j 03:13 | 3° <b>8</b> 11'44                |             | direct                                | -884 Apr 29 j 14:32      | 13° <b>Ƴ</b> 16′20              |             |
| morning max el      | -885 May 31 j 22:16 |                                  | 21°22'04    | morning max el                        | -884 May 12 j 19:08      | 19° <b>Ƴ</b> 39'29              | 22°58'08    |
| Č                   | -885 Jun 15 j 16:44 | 0° <b>I</b> I                    |             | Č                                     | -884 May 21 j 09:30      | 0°B                             |             |
| asc. node           | -885 Jun 16 j 15:33 | 1° <b>Ⅱ</b> 48'51                |             | asc. node                             | -884 Jun 02 j 12:36      | 21° <b>8</b> 28'33              |             |
| morning set         | -885 Jun 21 j 01:13 | 10° <b>Ⅲ</b> 38'55               |             | morning set                           | -884 Jun 04 j 12:10      | 25° <b>8</b> 34'22              |             |
| morning sec         | 21,01.15            | 10 23000                         |             | morning sec                           | -884 Jun 06 j 14:27      | 0°II                            |             |
| superior conj       | -885 Jun 28 j 10:49 | 26° <b>Ⅱ</b> 06'59               | 1°37'06     |                                       |                          | -                               |             |
| minimum elong       | -885 Jun 28 j 08:41 | 25° <b>II</b> 55'53              | 1°36'56     | superior conj                         | -884 Jun 11 j 15:33      | 10° <b>Ⅱ</b> 47'49              | 1°23'02     |
| minimum viong       | -885 Jun 30 j 08:04 | 0°9                              | 1 3000      | minimum elong                         | -884 Jun 11 j 13:02      | 10° <b>Ⅱ</b> 34'20              | 1°22'42     |
| max. Earth dist.    | -885 Jul 02 j 10:01 | 4°912'51                         | 1.35213 AU  | max. Earth dist.                      | -884 Jun 14 j 07:08      | 16° <b>Ⅱ</b> 23'46              | 1.33947 AU  |
| evening rise        | -885 Jul 06 j 19:37 | 12°948'45                        | 1.55215 AU  | evening rise                          | -884 Jun 19 j 08:29      | 26° <b>Ⅱ</b> 42'01              | 1.55747 AU  |
| evening rise        | -885 Jul 16 j 10:33 | 0°Ω                              |             | evening rise                          | -884 Jun 21 j 01:00      | 0°95                            |             |
| daga mada           | -885 Jul 26 j 21:52 | 16° <b>Ω</b> 15'33               |             |                                       | -884 Jul 08 j 18:11      | 0° <b>U</b>                     |             |
| desc. node          | ~                   |                                  |             | dd.                                   | ,                        | 5° <b>Ω</b> 38'44               |             |
|                     | -885 Aug 06 j 11:59 | 0° M)                            | 26041156    | desc. node                            | -884 Jul 12 j 18:52      |                                 | 27017122    |
| evening max el      | -885 Aug 11 j 04:20 | 4° m 57'35                       | 26°41'56    | evening max el                        | -884 Jul 23 j 16:04      | 18° <b>Ω</b> 19'49              | 2/1/23      |
| retrograde          | -885 Aug 24 j 04:00 | 12° Mp 13'11                     |             | retrograde                            | -884 Aug 06 j 02:50      | 25° <b>Ω</b> 39'33              |             |
| evening set         | -885 Aug 30 j 19:47 | 9° m/28'44                       | 0.65061.477 | evening set                           | -884 Aug 13 j 04:24      | 22° <b>Q</b> 54′22              | 0.64588.433 |
| min. Earth dist.    | -885 Sep 03 j 19:55 |                                  | 0.65861 AU  | min. Earth dist.                      | -884 Aug 16 j 22:05      | 19° <b>Ω</b> 23'25              | 0.64577 AU  |
| inferior conj       | -885 Sep 05 j 13:03 | 3° m 18'45                       |             | inferior conj                         | -884 Aug 19 j 04:23      | 16° <b>Ω</b> 55'30              |             |
| minimum elong       | -885 Sep 05 j 16:27 | 3° Mp 08'36                      | 2°17'22     | minimum elong                         | -884 Aug 19 j 08:44      | 16° <b>Ω</b> 43'39              | 3°08'48     |
|                     | -885 Sep 08 j 11:57 | 30°R <b>Ω</b>                    |             | morning rise                          | -884 Aug 25 j 13:47      | 11° <b>Ω</b> 26'53              |             |
| morning rise        | -885 Sep 11 j 13:34 | 27° <b>Ω</b> 34'56               |             | direct                                | -884 Aug 28 j 06:24      | 10° <b>Ω</b> 49'05              |             |
| asc. node           | -885 Sep 12 j 14:44 | 27° <b>Ω</b> 06'41               |             | asc. node                             | -884 Aug 29 j 11:48      | 10° <b>Ω</b> 56'58              |             |
| direct              | -885 Sep 14 j 12:00 | 26° <b>Ω</b> 46'42               |             | morning max el                        | -884 Sep 03 j 18:35      | 14° <b>Ω</b> 17'27              | 18°03'15    |
|                     | -885 Sep 20 j 16:53 | O° <b>m</b> þ                    |             |                                       | -884 Sep 14 j 19:23      | 0° <b>m</b> p                   |             |
| morning max el      | -885 Sep 21 j 03:49 | 0° Mp 26′57                      | 18°30'29    | morning set                           | -884 Sep 21 j 11:27      | 11° <b>m</b> ) 12'01            |             |
| morning set         | -885 Oct 11 j 02:38 | 29° <b>m</b> 58'12               |             |                                       | -884 Oct 02 j 19:36      | 0∘ <b>⊽</b>                     |             |
|                     | -885 Oct 11 j 03:05 | 0∘ <b>⊽</b>                      |             |                                       |                          |                                 |             |
| desc. node          | -885 Oct 22 j 21:12 | 18° <b>≏</b> 46'21               |             | superior conj                         | -884 Oct 05 j 00:34      | 3° <b>₽</b> 33'58               | 0°24'20     |
|                     |                     |                                  |             | minimum elong                         | -884 Oct 05 j 03:24      | 3° <b>₽</b> 45′20               | 0°23'57     |
| superior conj       | -885 Oct 26 j 15:32 | 24° <b>≏</b> 42'38               | -0°24'22    | desc. node                            | -884 Oct 08 j 18:14      | 9° <b>≏</b> 32'20               |             |
| minimum elong       | -885 Oct 26 j 12:19 | 24° <b>≏</b> 29'57               | 0°23'57     | max. Earth dist.                      | -884 Oct 09 j 11:51      | 10° <b>≏</b> 42'15              | 1.44575 AU  |
| max. Earth dist.    | -885 Oct 27 j 17:14 | 26° <b>£</b> 23'44               | 1.44992 AU  | evening rise                          | -884 Oct 21 j 11:01      | 29° <b>≏</b> 23'47              |             |
|                     | -885 Oct 30 j 00:16 | 0°M                              |             |                                       | -884 Oct 21 j 20:24      | 0° <b>M</b>                     |             |
| evening rise        | -885 Nov 11 j 20:09 | 20°M11'45                        |             | greatest brilliancy                   | -884 Nov 04 j 06:58      | 20°M26'49                       | -0.6m       |
|                     | -885 Nov 18 j 00:57 | 0°⊀                              |             |                                       | -884 Nov 10 j 23:42      | 0° <b>∡</b> ¹                   |             |
| greatest brilliancy | -885 Nov 21 j 05:54 | 5° <b>∡</b> 02'16                | -0.8m       | evening max el                        | -884 Nov 16 j 16:25      | 6° <b>∡</b> ¹53'55              | 20°02'51    |
| evening max el      | -885 Dec 04 j 11:05 | 23° <b>∡</b> ¹26′10              | 19°09'20    | retrograde                            | -884 Nov 24 j 08:16      | 11° <b>∡</b> ¹23'15             |             |
| asc. node           | -885 Dec 09 j 13:58 | 27° <b>∡</b> ¹06'41              |             | asc. node                             | -884 Nov 25 j 11:01      | 11° <b>∡</b> 16′08              |             |
| retrograde          | -885 Dec 11 j 10:54 | 27° <b>∡</b> ¹26′09              |             | evening set                           | -884 Nov 27 j 23:32      | 10° <b>∡</b> ¹06'07             |             |
| evening set         | -885 Dec 14 j 18:01 | 26° <b>₹</b> 23'01               |             | inferior conj                         | -884 Dec 03 j 10:50      | 4° <b>҂</b> 03'16               | 2°30'09     |
| inferior conj       | -885 Dec 20 j 09:24 | 20° <b>҂</b> ³33'25              | 3°07'50     | minimum elong                         | -884 Dec 03 j 08:05      | 4° <b>҂</b> 12'30               | 2°29'15     |
| minimum elong       | -885 Dec 20 j 06:33 | 20° <b>∡</b> '42'25              | 3°07'08     | min. Earth dist.                      | -884 Dec 04 j 07:40      | 2° <b>∡</b> 153'46              | 0.66775 AU  |
| min. Earth dist.    | -885 Dec 21 j 19:36 | 18° <b>∡</b> ¹45'10              | 0.65830 AU  |                                       | -884 Dec 06 j 14:37      | 30°RM₊                          | -           |
| morning rise        | -885 Dec 25 j 18:49 | 14° <b>х</b> 23′15               |             | morning rise                          | -884 Dec 08 j 16:26      | 27°M50'19                       |             |
| direct              | -884 Jan 01 j 05:13 | 11° <b>×</b> <sup>7</sup> 34'15  |             | direct                                | -884 Dec 14 j 12:58      | 25°M15'04                       |             |
| morning max el      | -884 Jan 13 j 23:25 | 19° <b>∡</b> ′04'32              | 26°24'11    | •                                     | -884 Dec 23 j 22:44      | 0° <b>∡</b> 7                   |             |
| desc. node          | -884 Jan 18 j 20:22 | 24° <b>×</b> <sup>7</sup> 26'13  |             | morning max el                        | -884 Dec 26 j 08:07      | 2° <b>×</b> 15'53               | 25°08'32    |
| · - · · · · · · · · | -884 Jan 23 j 07:03 | 0°る                              |             | desc. node                            | -883 Jan 04 j 17:26      | 13° <b>∡</b> 18'40              |             |
|                     | -884 Feb 11 j 23:09 | 0° <b>≈</b>                      |             |                                       | -883 Jan 16 j 10:26      | 0°る                             |             |
| morning set         | -884 Feb 19 j 02:00 | 0 <b>~</b><br>12° <b>≈</b> 49'52 |             | morning set                           | -883 Jan 31 j 13:35      | 25° <b>පි</b> 04'30             |             |
| max. Earth dist.    | -884 Feb 23 j 04:48 | 20°≈45'00                        | 1.35026 AU  |                                       | -883 Feb 03 j 06:35      | 0° <b>≈</b>                     |             |
| Zurtii dibt.        | 30.130 23 J 04.40   | _0                               | 55 020 110  | max. Earth dist.                      | -883 Feb 04 j 06:14      | 0 <b>~</b><br>1° <b>≈</b> 49'36 | 1.36760 AU  |
| superior conj       | -884 Feb 27 j 21:23 | 0° <b>₩</b> 11'09                | -1°13'21    | Durin dist.                           | 333 1 30 0 1 1 00.14     | 1.4.17.50                       | 1.55700 110 |
| - special conj      | 55.140 2/J21.23     | · /(110)                         | - 10 21     |                                       |                          |                                 |             |

| •                | nical year style is used: The |                              | •            | / /              |                     |                           | 50 10       |
|------------------|-------------------------------|------------------------------|--------------|------------------|---------------------|---------------------------|-------------|
| superior conj    | -883 Feb 10 j 10:48           | 13° <b>≈</b> 42'34           |              | superior conj    | -882 Jan 24 j 11:10 | 26° <b>る</b> 31'30        | -1°52'30    |
| minimum elong    | -883 Feb 10 j 14:30           | 14° <b>≈</b> 00'51           | 1°35'14      | minimum elong    | -882 Jan 24 j 14:09 | 26° <b>る</b> 45'33        | 1°52'19     |
| evening rise     | -883 Feb 18 j 17:16           | 0° <b>ℋ</b> 19'44            |              | C                | -882 Jan 26 j 07:10 | 0° <b>≈</b>               |             |
|                  | -883 Feb 18 j 13:21           | 0° <b>ℋ</b>                  |              | evening rise     | -882 Feb 02 j 13:28 | 14° <b>≈</b> 04'53        |             |
| asc. node        | -883 Feb 21 j 10:21           | 5° <b>)</b> 43′20            |              | asc. node        | -882 Feb 08 j 07:24 | 25° <b>≈</b> 00'15        |             |
| evening max el   | -883 Mar 08 j 00:07           | 28° <b>)</b> 16′34           | 19°35'25     |                  | -882 Feb 11 j 03:54 | 0° <b>ℋ</b>               |             |
|                  | -883 Mar 10 j 00:12           | $0^{\circ}\mathbf{\Upsilon}$ |              | evening max el   | -882 Feb 18 j 23:16 | 10° <b>)</b> 31′52        | 18°46'10    |
| retrograde       | -883 Mar 17 j 12:38           | 2° <b>Y</b> 50′14            |              | retrograde       | -882 Feb 27 j 01:29 | 14° <b>)</b> 27′13        |             |
| evening set      | -883 Mar 19 j 17:00           | 2° <b>Y</b> 36'55            |              | evening set      | -882 Mar 01 j 10:06 | 14° <b>₩</b> 08'30        |             |
|                  | -883 Mar 25 j 21:33           | 30° <b>₹</b> ₩               |              | inferior conj    | -882 Mar 09 j 04:31 | 9° <b>)</b> 47′09         | 2°51'12     |
| inferior conj    | -883 Mar 28 j 06:08           | 28° <b>)</b> 32′21           | 1°29'38      | minimum elong    | -882 Mar 09 j 08:54 | 9° <b>)</b> 39′00         | 2°50'09     |
| minimum elong    | -883 Mar 28 j 09:39           | 28° <b>ℋ</b> 26'44           | 1°28'30      | min. Earth dist. | -882 Mar 12 j 11:59 | 7° <b>∺</b> 21'00         | 0.57612 AU  |
| min. Earth dist. | -883 Mar 30 j 19:17           | 26° <b>₩</b> 55'19           | 0.56001 AU   | morning rise     | -882 Mar 17 j 04:50 | 4° <b>)</b> 34′21         |             |
| desc. node       | -883 Apr 02 j 16:33           | 25° <b>₩</b> 15'51           |              | desc. node       | -882 Mar 20 j 13:37 | 3° <b>)</b> 30′34         |             |
| morning rise     | -883 Apr 05 j 23:46           | 23° <b>∺</b> 51'32           |              | direct           | -882 Mar 22 j 18:14 | 3° <b>₩</b> 18'40         |             |
| direct           | -883 Apr 10 j 09:33           | 23° <b>∺</b> 07'55           |              | morning max el   | -882 Apr 06 j 02:13 | 10° <b>)</b> 48′53        | 26°08'45    |
|                  | -883 Apr 24 j 05:20           | $0$ ° $\mathbf{\Upsilon}$    |              |                  | -882 Apr 20 j 19:33 | $0$ ° $\mathbf{\Upsilon}$ |             |
| morning max el   | -883 Apr 24 j 10:24           | 0° <b>Ƴ</b> 12'03            | 24°38'40     | morning set      | -882 May 04 j 11:38 | 25° <b>Ƴ</b> 31'39        |             |
|                  | -883 May 14 j 18:52           | $9^{\circ}$ 8                |              |                  | -882 May 06 j 14:08 | $8^{\circ}$               |             |
| morning set      | -883 May 20 j 00:12           | 10° <b>8</b> 34'03           |              | asc. node        | -882 May 07 j 06:43 | 1° <b>8</b> 29'21         |             |
| asc. node        | -883 May 20 j 09:41           | 11° <b>8</b> 23'59           |              |                  |                     |                           |             |
|                  |                               |                              |              | superior conj    | -882 May 11 j 11:47 | 10° <b>8</b> 40'52        | 0°43'11     |
| superior conj    | -883 May 27 j 00:33           | 25° <b>8</b> 41'32           |              | minimum elong    | -882 May 11 j 10:00 | 10° <b>8</b> 31'08        | 0°42'51     |
| minimum elong    | -883 May 26 j 22:11           | 25° <b>8</b> 28'41           | 1°04'21      | max. Earth dist. | -882 May 11 j 23:53 | 11° <b>8</b> 47'08        | 1.32535 AU  |
| max. Earth dist. | -883 May 28 j 12:49           |                              | 1.33055 AU   | evening rise     | -882 May 18 j 12:11 | 25° <b>8</b> 46'08        |             |
|                  | -883 May 29 j 00:23           | $\Pi^{\circ}0$               |              |                  | -882 May 20 j 13:42 | $\Pi^{\circ}0$            |             |
| evening rise     | -883 Jun 03 j 07:03           | 11° <b>Ⅱ</b> 04'34           |              |                  | -882 Jun 06 j 22:18 | $0$ $\circ$               |             |
|                  | -883 Jun 13 j 07:18           | 0ಂತ                          |              | desc. node       | -882 Jun 16 j 12:53 | 11° <b>©</b> 53'40        |             |
| desc. node       | -883 Jun 29 j 15:51           | 24°9517'49                   |              | evening max el   | -882 Jun 18 j 06:40 | 13° <b>©</b> 37'33        | 26°58'16    |
|                  | -883 Jul 04 j 18:11           | $0^{\circ}\Omega$            |              | retrograde       | -882 Jul 02 j 05:30 | 20°©55'24                 |             |
| evening max el   | -883 Jul 06 j 01:43           | 1° <b>Ω</b> 17'30            | 27°24'06     | evening set      | -882 Jul 09 j 03:47 | 18° <b>©</b> 47'06        |             |
| retrograde       | -883 Jul 19 j 19:36           | 8° <b>Ω</b> 37'02            |              | min. Earth dist. | -882 Jul 12 j 20:31 | 16° <b>©</b> 05'50        | 0.60992 AU  |
| evening set      | -883 Jul 27 j 00:31           | 6° <b>Ω</b> 03'12            |              | inferior conj    | -882 Jul 16 j 02:17 | 13° <b>©</b> 18'47        |             |
| min. Earth dist. | -883 Jul 30 j 14:24           |                              | 0.62932 AU   | minimum elong    | -882 Jul 16 j 05:25 | 13°912'02                 | 4°27'17     |
| inferior conj    | -883 Aug 02 j 09:55           | 0° <b>Ω</b> 18′27            |              | morning rise     | -882 Jul 23 j 08:47 | 8° <b>©</b> 30'00         |             |
| minimum elong    | -883 Aug 02 j 14:23           | 0° <b>Ω</b> 07'31            | 3°53'58      | direct           | -882 Jul 25 j 20:33 | 8° <b>©</b> 05'10         |             |
|                  | -883 Aug 02 j 17:28           | 30° <b>₹</b> 5               |              | morning max el   | -882 Aug 01 j 23:25 | 11° <b>©</b> 35'57        | 18°03'07    |
| morning rise     | -883 Aug 09 j 05:25           | 25° <b>©</b> 08'23           |              | asc. node        | -882 Aug 03 j 05:58 | 12° <b>©</b> 55'35        |             |
| direct           | -883 Aug 11 j 18:33           | 24°538'11                    |              |                  | -882 Aug 14 j 05:37 | $0^{\circ}\Omega$         |             |
| asc. node        | -883 Aug 16 j 08:53           | 26°5518'08                   |              | morning set      | -882 Aug 17 j 21:40 | 6° <b>Ω</b> 45'04         |             |
| morning max el   | -883 Aug 18 j 10:08           | 28° <b>©</b> 03'07           | 17°53'48     |                  |                     | _                         |             |
|                  | -883 Aug 20 j 04:56           | 0° <b>Ω</b>                  |              | superior conj    | -882 Aug 27 j 23:11 | 25° <b>Ω</b> 05'56        | 1°30'27     |
| morning set      | -883 Sep 03 j 19:46           | 23° <b>£</b> 33′22           |              | minimum elong    | -882 Aug 28 j 03:19 |                           | 1°30'06     |
|                  | -883 Sep 07 j 11:27           | 0° <b>m</b>                  |              | 10 A 11 A        | -882 Aug 30 j 18:23 | 0° <b>m</b>               | 1 41052 177 |
|                  | 002.0 15:10.15                | 120 - 2014 -                 | 100.400      | max. Earth dist. | -882 Sep 04 j 13:13 | 8° Mp 07'54               | 1.41853 AU  |
| superior conj    | -883 Sep 15 j 10:17           | 13° <b>m</b> 39'45           | 1°04'00      | evening rise     | -882 Sep 10 j 09:26 | 17° Mp 40'18              |             |
| minimum elong    | -883 Sep 15 j 15:27           | 14° Mp 01'27                 | 1°03'24      | desc. node       | -882 Sep 12 j 12:16 | 21° Mp 02'07              |             |
| max. Earth dist. | -883 Sep 22 j 03:24           | 24° m 43'04                  | 1.43479 AU   |                  | -882 Sep 18 j 07:20 | 0∘ <b>ফ</b>               |             |
|                  | -883 Sep 25 j 10:31           | 0° <b>ʊ</b>                  |              |                  | -882 Oct 09 j 22:04 | 0°M                       | 22225146    |
| desc. node       | -883 Sep 25 j 15:16           | 0° <b>Ω</b> 18'49            |              | evening max el   | -882 Oct 13 j 09:53 | 3°M50'03                  | 22°25'46    |
| evening rise     | -883 Sep 30 j 17:21           | 8° <b>Ω</b> 17'37            |              | retrograde       | -882 Oct 23 j 01:11 | 9°M33'57                  |             |
|                  | -883 Oct 15 j 03:13           | 0°M                          | 21000122     | evening set      | -882 Oct 27 j 14:45 | 7°M43'21                  |             |
| evening max el   | -883 Oct 30 j 16:03           | 20°M21'53                    | 21°09'33     | asc. node        | -882 Oct 30 j 05:09 | 5°M02'29                  | 005400      |
| retrograde       | -883 Nov 08 j 05:38           | 25°M27'03                    |              | inferior conj    | -882 Nov 01 j 22:52 | 1°M24'23                  | 0°56'02     |
| evening set      | -883 Nov 12 j 07:04           | 23°M53'58                    |              | minimum elong    | -882 Nov 01 j 21:36 | 1°M28'47                  | 0°55'30     |
| asc. node        | -883 Nov 12 j 08:05           | 23°M51'59                    | 1045127      | min. Earth dist. | -882 Nov 01 j 21:14 | 1°M30'04                  | 0.67600 AU  |
| inferior conj    | -883 Nov 17 j 16:00           | 17°M41'12                    | 1°45'37      |                  | -882 Nov 02 j 23:24 | 30°R <b>Ω</b>             |             |
| minimum elong    | -883 Nov 17 j 13:48           | 17°M48'46                    | 1°44'46      | morning rise     | -882 Nov 07 j 04:19 | 25° <b>£</b> 12'10        |             |
| min. Earth dist. | -883 Nov 18 j 01:02           | 17°M10'11                    | 0.67355 AU   | direct           | -882 Nov 11 j 18:36 | 23° <b>£</b> 19'03        | 2201.5122   |
| morning rise     | -883 Nov 22 j 20:24           | 11°M27'27                    |              | morning max el   | -882 Nov 21 j 04:35 | 28° <b>£</b> 53'37        | 22°15'33    |
| direct           | -883 Nov 28 j 01:40           | 9°M12'07                     | 220.45-5     |                  | -882 Nov 22 j 06:05 | 0°M                       |             |
| morning max el   | -883 Dec 08 j 16:57           | 15°M32'26                    | 23°42'28     | desc. node       | -882 Dec 09 j 11:35 | 22°M46'28                 |             |
|                  | -883 Dec 20 j 13:38           | 0° ⊀ <b>7</b>                |              |                  | -882 Dec 14 j 07:48 | 0° ⊀ <b>7</b>             |             |
| desc. node       | -883 Dec 22 j 14:31           | 2° <b>∡</b> 749'09           |              | morning set      | -882 Dec 24 j 09:32 | 15° 🖈 46'25               | 1 40000 177 |
|                  | -882 Jan 09 j 10:04           | 0°る                          |              | max. Earth dist. | -882 Dec 29 j 22:47 | 24° <b>₹</b> 56'09        | 1.40898 AU  |
| morning set      | -882 Jan 13 j 01:51           | 6°る07'22                     | 1.20000 : ** |                  | -881 Jan 01 j 22:12 | 0°ප                       |             |
| max. Earth dist. | -882 Jan 17 j 01:46           | 13° <b>5</b> 02'43           | 1.38800 AU   |                  |                     |                           |             |

| -                                | -  |  | `           | , ·                            | 901 BCE in historical cou                  |   | 50 11              |
|----------------------------------|--|--|-------------|--------------------------------|--|---|--------------------|
| superior conj                    | -881 Jan 06 j 17:35                        | 8° <b>る</b> 25'45                        |             | max. Earth dist.               | -881 Dec 12 j 02:51                        |   | 1.42774 AU         |
| minimum elong                    | -881 Jan 06 j 18:04                        | 8° <b>る</b> 27'53                        | 2°00'23     |                                | ,  |   |                    |
| evening rise                     | -881 Jan 16 j 23:10                        | 27° <b>る</b> 15'14                       |             | superior conj                  | -881 Dec 19 j 00:30                        | 19° <b>∡</b> 11'33                      | -1°54'58           |
| •                                | -881 Jan 18 j 10:26                        | 0° <b>≈</b>                              |             | minimum elong                  | -881 Dec 18 j 20:38                        | 18° <b>₹</b> 55'14                      | 1°54'49            |
| asc. node                        | -881 Jan 26 j 04:26                        | 13° <b>≈</b> 48'50                       |             | -                              | -881 Dec 25 j 07:06                        | 8°0                                     |                    |
| evening max el                   | -881 Feb 02 j 05:58                        | 23°≈16'54                                | 18°17'06    | evening rise                   | -881 Dec 30 j 18:25                        | 9° <b>ට</b> 41'40                       |                    |
| retrograde                       | -881 Feb 09 j 08:53                        | 26° <b>≈</b> 49'44                       |             | •                              | -880 Jan 11 j 16:10                        | 0° <b>≈</b>                             |                    |
| evening set                      | -881 Feb 11 j 22:13                        | 26° <b>≈</b> 23'21                       |             | asc. node                      | -880 Jan 13 j 01:29                        | 1° <b>≈</b> 59'24                       |                    |
| inferior conj                    | -881 Feb 18 j 23:50                        | 21° <b>≈</b> 41′23                       | 3°36'58     | evening max el                 | -880 Jan 16 j 17:03                        | 6° <b>≈</b> 21'45                       | 18°07'45           |
| minimum elong                    | -881 Feb 19 j 02:27                        | 21° <b>≈</b> 35'44                       | 3°36'37     | retrograde                     | -880 Jan 23 j 07:41                        | 9° <b>≈</b> 47'08                       |                    |
| min. Earth dist.                 | -881 Feb 22 j 09:17                        | 18° <b>≈</b> 46'59                       | 0.59627 AU  | evening set                    | -880 Jan 26 j 01:19                        | 9° <b>≈</b> 11'48                       |                    |
| morning rise                     | -881 Feb 26 j 04:30                        | 16° <b>≈</b> 04'56                       |             | inferior conj                  | -880 Feb 01 j 13:29                        | 4° <b>≈</b> 08'33                       | 3°52'56            |
| direct                           | -881 Mar 04 j 16:00                        | 14° <b>≈</b> 10′35                       |             | minimum elong                  | -880 Feb 01 j 13:43                        | 4° <b>≈</b> 07'57                       | 3°52'55            |
| desc. node                       | -881 Mar 07 j 10:41                        | 14° <b>≈</b> 30′50                       |             | min. Earth dist.               | -880 Feb 04 j 13:38                        | 1° <b>≈</b> 10'57                       | 0.61702 AU         |
| morning max el                   | -881 Mar 18 j 22:54                        | 21° <b>≈</b> 54'19                       | 27°13'45    |                                | -880 Feb 05 j 20:46                        | 30°Ŗる                                   |                    |
|                                  | -881 Mar 26 j 01:39                        | 0° <b>)</b> €                            |             | morning rise                   | -880 Feb 08 j 00:51                        | 28° <b>る</b> 16'59                      |                    |
|                                  | -881 Apr 13 j 16:50                        | $0^{\circ}\mathbf{\Upsilon}$             |             | direct                         | -880 Feb 14 j 23:45                        | 25° <b>る</b> 49'38                      |                    |
| morning set                      | -881 Apr 18 j 20:46                        | 10° <b>Ƴ</b> 21'10                       |             | desc. node                     | -880 Feb 22 j 07:45                        | 28° <b>る</b> 11'28                      |                    |
| asc. node                        | -881 Apr 24 j 03:46                        | 21° <b>Y</b> 40'16                       |             |                                | -880 Feb 24 j 22:31                        | 0° <b>≈</b>                             |                    |
|                                  |  |  |             | morning max el                 | -880 Feb 29 j 01:38                        | 3° <b>≈</b> 38'59                       | 27°44'25           |
| superior conj                    | -881 Apr 25 j 23:33                        | 25° <b>Ƴ</b> 39'55                       | 0°19'12     |                                | -880 Mar 19 j 14:43                        | 0° <b>₩</b>                             |                    |
| minimum elong                    | -881 Apr 25 j 22:41                        | 25° <b>Ƴ</b> 35'14                       | 0°19'01     | morning set                    | -880 Apr 02 j 01:35                        | 24° <b>)</b> € 54'48                    |                    |
| max. Earth dist.                 | -881 Apr 25 j 12:45                        | 24° <b>Ƴ</b> 40'45                       | 1.32381 AU  | C                              | -880 Apr 04 j 12:25                        | $0^{\circ}\mathbf{\Upsilon}$            |                    |
|                                  | -881 Apr 27 j 22:59                        | 0°8                                      |             | max. Earth dist.               | -880 Apr 07 j 23:41                        | 7° <b>Y</b> °24'53                      | 1.32595 AU         |
| evening rise                     | -881 May 02 j 21:30                        | 10° <b>8</b> 38'44                       |             |                                | 1 j  |   |                    |
|                                  | -881 May 12 j 20:46                        | 0°II                                     |             | superior conj                  | -880 Apr 09 j 10:05                        | 10° <b>Ƴ</b> 31'38                      | -0°06'29           |
| evening max el                   | -881 May 31 j 05:14                        | 25° <b>Ⅱ</b> 13'39                       | 26°00'28    | minimum elong                  | -880 Apr 09 j 10:23                        | 10° <b>Υ</b> 33'18                      | 0°06'26            |
| desc. node                       | -881 Jun 03 j 09:53                        | 27° <b>I</b> I59'53                      | 20 00 20    | behind sun begin               | -880 Apr 09 j 05:41                        | 10° <b>Υ</b> 07'44                      | 0 0020             |
| desc. node                       | -881 Jun 06 j 07:46                        | 0°9                                      |             | behind sun end                 | -880 Apr 09 j 15:05                        | 10°Υ58'52                               |                    |
| retrograde                       | -881 Jun 14 j 06:48                        | 2° <b>5</b> 27'29                        |             | asc. node                      | -880 Apr 10 j 00:47                        | 11° <b>Υ</b> 51'44                      |                    |
| evening set                      | -881 Jun 20 j 09:49                        | 0°956'13                                 |             | evening rise                   | -880 Apr 16 j 08:54                        | 25° <b>Υ</b> 34'13                      |                    |
| evening set                      | -881 Jun 22 j 03:17                        | 30°R∏                                    |             | evening rise                   | -880 Apr 18 j 11:54                        | 0°8                                     |                    |
| min. Earth dist.                 | -881 Jun 24 j 17:58                        |  | 0.58934 AU  |                                | -880 May 06 j 08:54                        | 0°II                                    |                    |
| inferior conj                    | -881 Jun 28 j 01:50                        | 25° <b>II</b> 47'17                      |             | evening max el                 | -880 May 11 j 21:54                        | 6° <b>Ⅱ</b> 09'40                       | 24°37'44           |
| minimum elong                    | -881 Jun 28 j 01:41                        | 25° <b>I</b> 47'17                       |             | desc. node                     | -880 May 20 j 06:54                        | 12° <b>∏</b> 01'42                      | 24 37 44           |
| morning rise                     | -881 Jul 05 j 19:57                        | 23 <b>H</b> 47 30 21° <b>H</b> 20'38     | 4 39 32     | retrograde                     | -880 May 25 j 20:47                        | 12 <b>H</b> 01 42<br>13° <b>H</b> 12'54 |                    |
| direct                           | -881 Jul 08 j 08:09                        | 20° <b>I</b> I59'32                      |             | evening set                    | -880 May 30 j 17:05                        | 13 <b>Ⅲ</b> 12 34<br>12° <b>Ⅲ</b> 19'55 |                    |
| morning max el                   | -881 Jul 16 j 07:23                        | 20 <b>H</b> 3932<br>24° <b>H</b> 47'12   | 10022120    | min. Earth dist.               | -880 Jun 05 j 09:30                        |   | 0.57034 AU         |
| morning max er                   | -881 Jul 10 j 07.25                        | 24 <b>ப</b> 47 12<br>0° <b>9</b>         | 16 32 20    | inferior conj                  | -880 Jun 08 j 05:39                        | 9 <b>П</b> 23 06<br>7° <b>П</b> 34'43   |                    |
| asc. node                        | -881 Jul 21 j 03:02                        | 0°533'56                                 |             | minimum elong                  | -880 Jun 08 j 01:02                        | 7° <b>∏</b> 42'16                       |                    |
|                                  | 3  | 0 \$33 36<br>20°\$34'26                  |             | morning rise                   | •  | 7 Щ42 16<br>3°Щ28'03                    | 4 1809             |
| morning set                      | -881 Aug 01 j 12:14                        |  |             | •                              | -880 Jun 16 j 11:48                        |   |                    |
|                                  | -881 Aug 06 j 09:32                        | $0^{\circ}\Omega$                        |             | direct                         | -880 Jun 19 j 01:38<br>-880 Jun 28 j 07:04 | 3° <b>П</b> 09'31<br>7° <b>П</b> 27'03  | 19°22'26           |
| superior conj                    | -881 Aug 10 j 10:47                        | 7° <b>Ω</b> 39'55                        | 1944!16     | morning max el asc. node       | -880 Jul 28 j 07:04<br>-880 Jul 07 j 00:03 | 7 <b>П</b> 2703                         | 19 22 20           |
| minimum elong                    | -881 Aug 10 j 10:47                        | 7° <b>Ω</b> 48'48                        | 1°44'11     | asc. node                      | -880 Jul 13 j 00:38                        | 0°95                                    |                    |
| Č                                | • •  |  |             |                                |  | 0 ع<br>4°951'34                         |                    |
| max. Earth dist.<br>evening rise | -881 Aug 17 j 17:42<br>-881 Aug 22 j 00:13 | 20° <b>Ω</b> 49'11<br>28° <b>Ω</b> 07'25 | 1.39920 AU  | morning set                    | -880 Jul 15 j 11:45                        | 4 = 3134                                |                    |
| evening rise                     |  |  |             |                                | 000 I1 22:15.24                            | 2196505142                              | 1947120            |
| desc. node                       | -881 Aug 23 j 03:14<br>-881 Aug 30 j 09:16 | 0° Mp<br>11° Mp 38′37                    |             | superior conj<br>minimum elong | -880 Jul 23 j 15:24<br>-880 Jul 23 j 15:13 | 21°505'42<br>21°504'51                  | 1°47'38<br>1°47'38 |
| desc. node                       | • •  |  |             | minimum elong                  | •  |   | 1 4/36             |
| ovenin 1                         | -881 Sep 11 j 20:34                        | 0° <u>೧</u>                              | 22946104    | may Faul 11 4                  | -880 Jul 28 j 07:03                        | 0°Ω<br>2°Ω54!24                         | 1 27026 411        |
| evening max el                   | -881 Sep 25 j 23:29                        | 17° <b>£</b> 20'58                       | 23°46'04    | max. Earth dist.               | -880 Jul 29 j 20:41                        | 2° <b>Ω</b> 54'34<br>9° <b>Ω</b> 46'14  | 1.37926 AU         |
| retrograde                       | -881 Oct 06 j 17:28                        | 23° <b>£</b> 41'07                       |             | evening rise                   | -880 Aug 02 j 16:01                        |   |                    |
| evening set                      | -881 Oct 11 j 20:54                        | 21° <b>£</b> 32'16                       | 0.67525 444 |                                | -880 Aug 14 j 21:55                        | 0° Mp<br>20 Mp 02155                    |                    |
| min. Earth dist.                 | -881 Oct 16 j 17:44                        | 15° <b>£</b> 51'37                       |             | desc. node                     | -880 Aug 16 j 06:16                        | 2° TD 03'55                             |                    |
| inferior conj                    | -881 Oct 17 j 05:39                        | 15° <b>£</b> 11'00                       | 0°02'58     |                                | -880 Sep 06 j 12:51                        | 0∘ <b>ʊ</b>                             | 25000112           |
| minimum elong                    | -881 Oct 17 j 05:35                        | 15° <b>Ω</b> 11'16                       | 0°02'56     | evening max el                 | -880 Sep 07 j 11:08                        | 0° <b>Ω</b> 55'58                       | 25°03'42           |
| transit middle                   | -881 Oct 17 j 05:35                        | 15° <b>£</b> 11'16                       | 0°02'56     | retrograde                     | -880 Sep 19 j 05:36                        | 7° <b>Ω</b> 45'16                       |                    |
| transit begin                    | -881 Oct 17 j 02:54                        | 15° <b>£</b> 20′22                       |             | evening set                    | -880 Sep 24 j 23:50                        | 5° <b>Ω</b> 19'05                       | 0.671.52           |
| transit end                      | -881 Oct 17 j 08:15                        | 15° <b>Ω</b> 02'09                       |             | min. Earth dist.               | -880 Sep 29 j 12:06                        | 0° <b>£</b> 13'24                       | 0.67152 AU         |
| asc. node                        | -881 Oct 17 j 02:13                        | 15° <b>£</b> 22'42                       |             |                                | -880 Sep 29 j 16:11                        | 30°R, Mp                                | 0050:05            |
| morning rise                     | -881 Oct 22 j 14:11                        | 9° <b>Ω</b> 02'59                        |             | inferior conj                  | -880 Sep 30 j 10:38                        | 28° <b>m</b> 59'21                      |                    |
| direct                           | -881 Oct 26 j 14:45                        | 7° <b>£</b> 31'35                        |             | minimum elong                  | -880 Sep 30 j 11:56                        | 28° m 55'07                             | 0°51'29            |
| morning max el                   | -881 Nov 03 j 22:13                        | 12° <b>Ω</b> 22'42                       | 20°55'26    | asc. node                      | -880 Oct 02 j 23:15                        | 25° m/48'59                             |                    |
|                                  | -881 Nov 17 j 13:32                        | 0°M                                      |             | morning rise                   | -880 Oct 06 j 00:06                        | 22° <b>m</b> 58'29                      |                    |
| desc. node                       | -881 Nov 26 j 08:36                        | 13°M02'41                                |             | direct                         | -880 Oct 09 j 12:48                        | 21°Mp46'31                              |                    |
| morning set                      | -881 Dec 03 j 14:53                        | 24°M12'54                                |             | morning max el                 | -880 Oct 16 j 23:31                        | 26° mg 02'22                            | 19°47'21           |
|                                  | -881 Dec 07 j 07:04                        | 0° <b>∡</b> ¹                            |             |                                | -880 Oct 20 j 10:57                        | 0∘ <b>⊽</b>                             |                    |
|                                  |  |  |             |                                |  |   |                    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 12 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | , ,  | -                                    | astronomical cou | inting style is the year  | 901 BCE in historical cou                  | 0 ,                                  |              |
|---------------------|--|--------------------------------------|------------------|---------------------------|--|--------------------------------------|--------------|
|                     | -880 Nov 09 j 22:37                        | 0° <b>M</b> .                        |                  |                           | -879 Nov 02 j 19:19                        | 0°M₊                                 |              |
| morning set         | -880 Nov 11 j 12:02                        | 2°M24'36                             |                  | max. Earth dist.          | -879 Nov 06 j 07:57                        | 5° <b>™</b> 32'48                    | 1.44900 AU   |
| desc. node          | -880 Nov 12 j 05:37                        | 3°M32'39                             |                  |                           |  |                                      |              |
| max. Earth dist.    | -880 Nov 23 j 14:55                        | 21°M23'56                            | 1.44168 AU       | superior conj             | -879 Nov 07 j 10:01                        | 7°M15'26                             | -0°52'22     |
|                     |  |                                      |                  | minimum elong             | -879 Nov 07 j 03:30                        | 6° <b>™</b> 49'48                    | 0°51'35      |
| superior conj       | -880 Nov 28 j 04:26                        | 28°M42'50                            | -1°32'19         |                           | -879 Nov 21 j 16:36                        | 0° <b>∡</b> ¹                        |              |
| minimum elong       | -880 Nov 27 j 20:43                        | 28°M11'40                            | 1°31'37          | evening rise              | -879 Nov 22 j 20:47                        | 1° <b>∡</b> ¹53'50                   |              |
|                     | -880 Nov 28 j 23:30                        | 0°⊀                                  |                  |                           | -879 Dec 11 j 01:31                        | 8°0                                  |              |
| evening rise        | -880 Dec 11 j 18:57                        | 21° <b>∡</b> 16'57                   |                  | evening max el            | -879 Dec 13 j 16:59                        | 3° <b>ප</b> 03'00                    | 18°45'26     |
|                     | -880 Dec 16 j 22:11                        | 0°ප                                  |                  | asc. node                 | -879 Dec 16 j 19:34                        | 5° <b>る</b> 39'21                    |              |
| asc. node           | -880 Dec 29 j 22:31                        | 19° <b>ට</b> 20'54                   |                  | retrograde                | -879 Dec 20 j 10:33                        | 6°පි50'00                            |              |
| evening max el      | -880 Dec 30 j 05:36                        | 19° <b>ප</b> 39'10                   | 18°17'29         | evening set               | -879 Dec 23 j 13:50                        | 5° <b>る</b> 53'56                    |              |
| retrograde          | -879 Jan 05 j 17:38                        | 23° <b>る</b> 09'58                   |                  | inferior conj             | -879 Dec 29 j 08:25                        | 0°る12'57                             | 3°25'30      |
| evening set         | -879 Jan 08 j 15:37                        | 22° <b>る</b> 24'51                   |                  | minimum elong             | -879 Dec 29 j 05:49                        | 0°る20'52                             | 3°24'59      |
| inferior conj       | -879 Jan 14 j 17:36                        | 17° <b>ප</b> 01'31                   | 3°47'00          | -                         | -879 Dec 29 j 12:39                        | 30°R. <b>✓</b>                       |              |
| minimum elong       | -879 Jan 14 j 16:01                        | 17° <b>る</b> 05'56                   | 3°46'50          | min. Earth dist.          | -879 Dec 31 j 02:54                        | 28° <b>尽</b> 03'49                   | 0.65117 AU   |
| min. Earth dist.    | -879 Jan 17 j 03:20                        | 14° <b>පි</b> 21'36                  | 0.63578 AU       | morning rise              | -878 Jan 03 j 21:26                        | 24° <b>₹</b> '05'05                  |              |
| morning rise        | -879 Jan 20 j 15:46                        | 11° <b>る</b> 00'10                   |                  | direct                    | -878 Jan 10 j 14:06                        | 21° <b>∡</b> 13′07                   |              |
| direct              | -879 Jan 27 j 15:31                        | 8° <b>ප</b> 13'08                    |                  | morning max el            | -878 Jan 23 j 18:56                        | 28° <b>∡</b> ′54'11                  | 26°59'00     |
| desc. node          | -879 Feb 08 j 04:48                        | 13° <b>る</b> 58'54                   |                  | 3                         | -878 Jan 24 j 20:40                        | ිට<br>ව°0                            |              |
| morning max el      | -879 Feb 10 j 09:13                        | 16° <b>る</b> 02'22                   | 27°38'19         | desc. node                | -878 Jan 26 j 01:51                        | 1° <b>3</b> 18′06                    |              |
| 5 5                 | -879 Feb 21 j 22:02                        | 0° <b>≈</b>                          |                  |                           | -878 Feb 15 j 17:37                        | 0° <b>≈</b>                          |              |
|                     | -879 Mar 12 j 06:54                        | 0° <b>)</b> €                        |                  | morning set               | -878 Feb 28 j 12:02                        | 22° <b>≈</b> 41'06                   |              |
| morning set         | -879 Mar 16 j 23:43                        | 9° <b>₩</b> 04'44                    |                  | morning sec               | -878 Mar 04 j 05:19                        | 0° <b>∀</b>                          |              |
| max. Earth dist.    | -879 Mar 22 j 04:46                        | 19° <b>)</b> (46'28                  | 1.33200 AU       | max. Earth dist.          | -878 Mar 05 j 00:12                        |                                      | 1.34228 AU   |
| man. Darvir dige.   | 075 11 <b>41 22</b> j 0 11 10              | 19 7( 10 20                          | 1.55200110       | man. Darun dibt.          | 0,011111 00 5 00.12                        | 1 /(35 05                            | 1.5 .220 110 |
| superior conj       | -879 Mar 24 j 17:41                        | 25° <b>)</b> 10′16                   | -0°32'56         | superior conj             | -878 Mar 08 j 20:19                        | 9° <b>∺</b> 29'18                    | -0°59'03     |
| minimum elong       | -879 Mar 24 j 19:14                        | 25° <b>)</b> 18'36                   |                  | minimum elong             | -878 Mar 08 j 23:04                        | 9° <b>)</b> 43'36                    |              |
| minimum ciong       | -879 Mar 26 j 23:34                        | 0°Υ                                  | 0 3237           | asc. node                 | -878 Mar 14 j 18:52                        | 22° <b>\</b> 00'35                   | 0 2033       |
| asc. node           | -879 Mar 27 j 21:48                        | 1° <b>Υ</b> 59'53                    |                  | evening rise              | -878 Mar 16 j 06:42                        | 25°\(\)\(\)\(00')37                  |              |
| evening rise        | -879 Mar 31 j 20:34                        | 10° <b>Υ</b> 26'08                   |                  | evening rise              | -878 Mar 18 j 15:31                        | 25 <b>γ</b> (0007                    |              |
| evening rise        | -879 Apr 11 j 00:29                        | 0° <b>8</b>                          |                  | evening max el            | -878 Apr 05 j 09:20                        | 27° <b>Υ</b> 32'10                   | 21°31'24     |
| evening max el      | -879 Apr 23 j 12:55                        | 16° <b>8</b> 45'43                   | 23°03'10         | evening max er            | -878 Apr 08 j 06:39                        | 0°8                                  | 21 31 24     |
| retrograde          | -879 May 06 j 22:05                        | 23° <b>8</b> 24'17                   | 23 03 10         | retrograde                | -878 Apr 17 j 13:38                        | 3° <b>8</b> 27'24                    |              |
| desc. node          |  | 23° <b>8</b> 24'09                   |                  | -                         |  | 3° <b>8</b> 13'42                    |              |
|                     | -879 May 07 j 03:57                        | 23 <b>8</b> 24 09 22° <b>8</b> 58'21 |                  | evening set<br>desc. node | -878 Apr 20 j 00:34                        | 1° <b>8</b> 58'25                    |              |
| evening set         | -879 May 10 j 08:40<br>-879 May 17 j 22:28 | 19° <b>8</b> 36'03                   | 0.55632 AU       | desc. node                | -878 Apr 24 j 00:59<br>-878 Apr 27 j 23:41 | 1 <b>3</b> 38 23                     |              |
| min. Earth dist.    | , ,  | _                                    |                  |                           | 1 0  | 30° <b>γ</b> 1<br>29° <b>Υ</b> 12'13 | 1020157      |
| inferior conj       | -879 May 19 j 14:00                        | 18° <b>8</b> 38'38                   |                  | inferior conj             | -878 Apr 29 j 09:55                        |                                      |              |
| minimum elong       | -879 May 19 j 07:00                        | 18° <b>8</b> 48'49                   | 3°13'03          | minimum elong             | -878 Apr 29 j 05:41                        | 29°Υ18'09                            |              |
| morning rise        | -879 May 28 j 07:51                        | 14° <b>8</b> 43'52                   |                  | min. Earth dist.          | -878 Apr 29 j 11:34                        |                                      | 0.55029 AU   |
| direct              | -879 May 31 j 00:34                        | 14° <b>8</b> 26'32                   | 20022110         | morning rise              | -878 May 08 j 11:28                        | 25° <b>Y</b> 12'44                   |              |
| morning max el      | -879 Jun 10 j 20:19                        | 19° <b>8</b> 27'35                   | 20°33'10         | direct                    | -878 May 11 j 11:52                        | 24° <b>Y</b> 52'50                   |              |
|                     | -879 Jun 19 j 05:13                        | 0°II                                 |                  |                           | -878 May 23 j 02:06                        | 0° <b>8</b>                          | 22001117     |
| asc. node           | -879 Jun 23 j 21:04                        | 8° <b>Ⅱ</b> 00'16                    |                  | morning max el            | -878 May 23 j 22:49                        | _                                    | 22°01'47     |
| morning set         | -879 Jun 29 j 17:22                        | 19° <b>Ⅱ</b> 28'34                   |                  | asc. node                 | -878 Jun 10 j 18:08                        | 27° <b>8</b> 28'26                   |              |
|                     | -879 Jul 04 j 19:49                        | 0ಂತಾ                                 |                  |                           | -878 Jun 12 j 00:24                        | 0°II                                 |              |
|                     | 070 1 1 07:00 10                           | 50 <b>~</b> 0001-                    | 1040440          | morning set               | -878 Jun 14 j 02:57                        | 4° <b>Ⅱ</b> 19'33                    |              |
| superior conj       | -879 Jul 07 j 08:10                        | 5°909'17                             |                  |                           | 070 1 21:00 27                             | 1001110101                           | 1021142      |
| minimum elong       | -879 Jul 07 j 06:33                        | 5°901'01                             | 1°42'45          | superior conj             | -878 Jun 21 j 09:27                        |                                      | 1°31'43      |
| max. Earth dist.    | -879 Jul 12 j 03:31                        | 14°5543'44                           | 1.36107 AU       | minimum elong             | -878 Jun 21 j 07:05                        | 19° <b>Ⅲ</b> 27'32                   |              |
| evening rise        | -879 Jul 16 j 05:09                        | 22°527'37                            |                  | max. Earth dist.          | -878 Jun 24 j 18:48                        |                                      | 1.34618 AU   |
|                     | -879 Jul 20 j 09:15                        | $0$ $^{\circ}\Omega$                 |                  |                           | -878 Jun 26 j 09:56                        | 0°€                                  |              |
| desc. node          | -879 Aug 03 j 03:16                        | 22° <b>Ω</b> 11'49                   |                  | evening rise              | -878 Jun 29 j 10:44                        | 5° <b>©</b> 59'02                    |              |
|                     | -879 Aug 08 j 15:52                        | 0° <b>т</b> р                        |                  |                           | -878 Jul 13 j 01:27                        | $0$ $^{\circ}\Omega$                 |              |
| evening max el      | -879 Aug 20 j 22:31                        | 14° Mp 31'26                         | 26°11'00         | desc. node                | -878 Jul 21 j 00:18                        | 11° <b>Ω</b> 54'45                   |              |
| retrograde          | -879 Sep 02 j 12:56                        | 21° Mp 40′26                         |                  | evening max el            | -878 Aug 03 j 10:13                        | 28° <b>Ω</b> 01'17                   | 27°00'08     |
| evening set         | -879 Sep 08 j 21:35                        | 19° <b>m</b> 00'31                   |                  |                           | -878 Aug 05 j 14:20                        | 0° <b>т</b> р                        |              |
| min. Earth dist.    | -879 Sep 13 j 01:53                        | -                                    | 0.66433 AU       | retrograde                | -878 Aug 16 j 15:15                        | 5° Mp 20′09                          |              |
| inferior conj       | -879 Sep 14 j 11:59                        | 12° Mp 46'02                         |                  | evening set               | -878 Aug 23 j 11:51                        | 2°m/33'42                            |              |
| minimum elong       | -879 Sep 14 j 14:40                        |                                      | 1°46'19          |                           | -878 Aug 26 j 04:40                        | 30°R <b>Ω</b>                        |              |
| asc. node           | -879 Sep 19 j 20:18                        | 7° <b>m</b> 14'03                    |                  | min. Earth dist.          | -878 Aug 27 j 08:54                        |                                      | 0.65358 AU   |
| morning rise        | -879 Sep 20 j 08:03                        | 6° Mp 55′20                          |                  | inferior conj             | -878 Aug 29 j 07:40                        | 26° <b>Ω</b> 27'58                   |              |
| direct              | -879 Sep 23 j 11:00                        | 5° <b>m</b> 59'32                    |                  | minimum elong             | -878 Aug 29 j 11:33                        | 26° <b>Ω</b> 16′50                   | 2°39'43      |
| morning max el      | -879 Sep 30 j 07:48                        | 9° <b>m</b> 49'58                    | 18°54'00         | morning rise              | -878 Sep 04 j 11:50                        | 20° <b>Ω</b> 50'31                   |              |
|                     | -879 Oct 14 j 18:07                        | 0ಂ <b>ಹ</b>                          |                  | asc. node                 | -878 Sep 06 j 17:20                        | 20° <b>Ω</b> 09'09                   |              |
| morning set         | -879 Oct 22 j 01:01                        | 11° <b>≏</b> 29'01                   |                  | direct                    | -878 Sep 07 j 07:26                        | 20° <b>Ω</b> 07'15                   |              |
| desc. node          | -879 Oct 30 j 02:38                        | 24° <b>≙</b> 11'33                   |                  | morning max el            | -878 Sep 13 j 21:00                        | 23° <b>Ω</b> 41′29                   | 18°16'51     |
|                     |  |                                      |                  |                           |  |                                      |              |

| •                   | •                                |                                  | •                | * | 901 BCE in historical cou |                           | 3C 13      |
|---------------------|----------------------------------|----------------------------------|------------------|---|---------------------------|---------------------------|------------|
| Attention, astronom | -878 Sep 18 j 23:03              | 0°Mp                             | astronomical cot | morning max el                          | -877 Aug 28 j 12:26       | 7° <b>Ω</b> 30'36         | 17°56'58   |
| morning set         | -878 Oct 02 j 17:49              | 21° Mp 56'14                     |                  | morning max or                          | -877 Sep 12 j 10:07       | 0°m                       | 17 2020    |
| morning sec         | -878 Oct 07 j 16:13              | 0∘ <del>ರ</del>                  |                  | morning set                             | -877 Sep 14 j 13:20       | 3° Mp 40'29               |            |
| desc. node          | -878 Oct 16 j 23:40              | ° <b>–</b><br>14° <b>≏</b> 56'02 |                  | morning sec                             | отт вер 11 ј 13.20        | 3 112 10 29               |            |
| dese. node          | 070 0 <b>00</b> 10 j <b>2</b> 50 | 1. —0002                         |                  | superior conj                           | -877 Sep 27 j 05:47       | 25° m 02'21               | 0°42'40    |
| superior conj       | -878 Oct 17 j 11:23              | 15° <b>≏</b> 42'27               | -0°03'13         | minimum elong                           | -877 Sep 27 j 10:08       | 25° m 20'09               | 0°42'06    |
| minimum elong       | -878 Oct 17 j 10:58              | 15° <b>Ω</b> 40'49               |                  | g                                       | -877 Sep 30 j 07:05       | 0∘ <b>ʊ</b>               | 0 .2 00    |
| behind sun begin    | -878 Oct 17 j 00:03              | 14° <b>£</b> 57'35               | 0 00 10          | max. Earth dist.                        | -877 Oct 02 j 19:30       | ა —<br>4° <b>ჲ</b> 02'20  | 1.44179 AU |
| behind sun end      | -878 Oct 17 j 21:53              | 16° <b>£</b> 24'01               |                  | desc. node                              | -877 Oct 03 j 20:43       | 5° <b>£</b> 42'41         | 1          |
| max. Earth dist.    | -878 Oct 20 j 02:28              | 19° <b>£</b> 51'32               | 1.44899 AU       | evening rise                            | -877 Oct 13 j 07:55       | 20° <b>♀</b> 30'48        |            |
| max. Earth dist.    | -878 Oct 26 j 13:35              | 0°ML                             | 1.110)) 110      | evening rise                            | -877 Oct 19 j 12:45       | 0° <b>M</b> .             |            |
| evening rise        | -878 Nov 02 j 22:53              | 11°ML32'23                       |                  | evening max el                          | -877 Nov 10 j 04:04       | 29°ML58'19                | 20°29'54   |
| greatest brilliancy | -878 Nov 14 j 13:16              | 29°MJ31'33                       | -0.7m            | evening max or                          | -877 Nov 10 j 04:43       | 0° <b>⊼</b>               | 20 29 3 1  |
| greatest orimaney   | -878 Nov 14 j 20:45              | 0° <b>⊼</b> ¹                    | 0.7111           | retrograde                              | -877 Nov 18 j 04:41       | 4° <b>₹</b> 142'24        |            |
| evening max el      | -878 Nov 27 j 01:02              | 16° <b>х</b> 30′03               | 19°30'15         | asc. node                               | -877 Nov 20 j 13:39       | 4°×10'11                  |            |
| asc. node           | -878 Dec 03 j 16:37              | 20° <b>х</b> 39′59               | 17 30 13         | evening set                             | -877 Nov 21 j 23:57       | 3° <b>₹</b> 18'56         |            |
| retrograde          | -878 Dec 04 j 07:06              | 20° <b>х</b> 42′02               |                  | evening sec                             | -877 Nov 25 j 06:46       | 30°RM₁                    |            |
| evening set         | -878 Dec 07 j 17:21              | 19° <b>×</b> <sup>7</sup> 33'21  |                  | inferior conj                           | -877 Nov 27 j 10:04       | 27°M11'40                 | 2°12'00    |
| inferior conj       | -878 Dec 13 j 06:46              | 13° <b>×</b> <sup>33</sup> 21    | 2°52'50          | minimum elong                           | -877 Nov 27 j 07:29       | 27°M20'24                 | 2°11'06    |
| minimum elong       | -878 Dec 13 j 03:53              | 13° <b>х</b> 46'59               | 2°52'01          | min. Earth dist.                        | -877 Nov 28 j 01:48       | 26°M18'21                 | 0.67061 AU |
| min. Earth dist.    | -878 Dec 14 j 11:06              | 12° <b>×</b> <sup>7</sup> 05'33  | 0.66276 AU       | morning rise                            | -877 Dec 02 j 14:50       | 20°M58'00                 | 0.07001710 |
| morning rise        | -878 Dec 18 j 14:11              | 7°×725'44                        | 0.00270710       | direct                                  | -877 Dec 08 j 05:01       | 18°M30'22                 |            |
| direct              | -878 Dec 24 j 18:54              | 4°×741'28                        |                  | morning max el                          | -877 Dec 19 j 12:42       | 25°M15'26                 | 24°32'36   |
| morning max el      | -877 Jan 06 j 04:20              | 12° <b>×</b> 701'42              | 25°53'51         | morning max cr                          | -877 Dec 23 j 20:17       | 0°×7                      | 24 32 30   |
| desc. node          | -877 Jan 12 j 22:54              | 19° <b>×</b> 42'32               | 25 55 51         | desc. node                              | -877 Dec 30 j 19:58       | 8° <b>∡</b> 753'10        |            |
| desc. flode         | -877 Jan 20 j 15:33              | 0°ਰ<br>19 <b>ਨ</b> ਜੁਣ 32        |                  | desc. node                              | -876 Jan 14 j 03:55       | 0°중                       |            |
|                     | -877 Feb 08 j 09:16              | 0°≈                              |                  | morning set                             | -876 Jan 24 j 12:49       | 0 る<br>17° <b>る</b> 17'45 |            |
| morning set         | -877 Feb 11 j 10:16              | 5°≈30'40                         |                  | max. Earth dist.                        | -876 Jan 28 j 05:14       | 23°පි52'36                | 1.37600 AU |
| max. Earth dist.    | -877 Feb 15 j 07:36              | 12°≈50'02                        | 1.35712 AU       | max. Lattii dist.                       | -876 Jan 31 j 12:45       | 23 <b>⊙</b> 32 30         | 1.57000 AU |
| max. Earm dist.     | -6//160 13 10/.30                | 12 ~30 02                        | 1.33/12 AU       |   | -6/0 Jan 31 j 12.43       | 0 &                       |            |
| superior conj       | -877 Feb 20 j 15:30              | 23° <b>≈</b> 21'00               | -1°23'20         | superior conj                           | -876 Feb 03 j 23:59       | 6°≈36'45                  | -1°43'40   |
| minimum elong       | -877 Feb 20 j 19:04              | 23°≈38'59                        |                  | minimum elong                           | -876 Feb 04 j 03:33       | 6°≈54'04                  | 1°43'19    |
| mmuni vieng         | -877 Feb 23 j 21:46              | 0° <b>∀</b>                      | 1 22 .9          | evening rise                            | -876 Feb 12 j 14:06       | 23° <b>≈</b> 35'34        | 1 .0 1)    |
| evening rise        | -877 Feb 28 j 13:18              | 9° <b>)</b> 33′21                |                  |   | -876 Feb 15 j 20:29       | 0° <b>)</b> €             |            |
| asc. node           | -877 Mar 01 j 15:56              | 11° <b>)</b> (48'42              |                  | asc. node                               | -876 Feb 16 j 13:00       | 1° <b>₩</b> 19'08         |            |
|                     | -877 Mar 11 j 15:15              | 0°Υ                              |                  | evening max el                          | -876 Feb 29 j 09:50       |                           | 19°12'02   |
| evening max el      | -877 Mar 18 j 16:04              | 8° <b>Υ</b> 50'21                | 20°12'39         | retrograde                              | -876 Mar 09 j 06:21       | 25° <b>)</b> €01'33       |            |
| retrograde          | -877 Mar 29 j 04:12              | 13° <b>Y</b> 52'11               |                  | evening set                             | -876 Mar 11 j 12:23       | 24° <b>)</b> (46'17       |            |
| evening set         | -877 Mar 31 j 07:37              | 13° <b>Ƴ</b> 40'32               |                  | inferior conj                           | -876 Mar 19 j 17:36       | 20° <b>)</b> 35'42        | 2°08'36    |
| inferior conj       | -877 Apr 09 j 06:43              | 9° <b>Ƴ</b> 41'58                | 0°27'49          | minimum elong                           | -876 Mar 19 j 21:57       | 20° <b>)</b> €28'20       | 2°07'20    |
| minimum elong       | -877 Apr 09 j 07:58              | 9° <b>Ƴ</b> 40'07                | 0°27'23          | min. Earth dist.                        | -876 Mar 22 j 16:57       | 18° <b>)</b> 35′42        | 0.56621 AU |
| desc. node          | -877 Apr 10 j 22:02              | 8° <b>Υ</b> 43'29                |                  | desc. node                              | -876 Mar 27 j 19:05       | 15° <b>¥</b> 50′01        |            |
| min. Earth dist.    | -877 Apr 11 j 01:39              | 8° <b>Y</b> 38'10                | 0.55385 AU       | morning rise                            | -876 Mar 28 j 04:37       | 15° <b>)</b> 40′48        |            |
| morning rise        | -877 Apr 18 j 06:28              | 5° <b>Ƴ</b> 19'03                |                  | direct                                  | -876 Apr 02 j 02:36       | 14° <b>)(</b> 44'42       |            |
| direct              | -877 Apr 22 j 01:21              | 4° <b>Ƴ</b> 47'41                |                  | morning max el                          | -876 Apr 16 j 07:25       | 22° <b>)</b> 01'46        | 25°19'01   |
| morning max el      | -877 May 05 j 16:47              | 11° <b>Y</b> 30'58               | 23°41'11         | Č                                       | -876 Apr 23 j 07:21       | $0^{\circ}\Upsilon$       |            |
| Ü                   | -877 May 19 j 13:29              | 0°8                              |                  |   | -876 May 11 j 01:02       | 0°8                       |            |
| asc. node           | -877 May 28 j 15:12              | 17° <b>8</b> 15'35               |                  | morning set                             | -876 May 13 j 02:32       | 4° <b>8</b> 16'55         |            |
| morning set         | -877 May 29 j 14:33              | 19° <b>8</b> 17'31               |                  | asc. node                               | -876 May 14 j 12:17       | 7° <b>8</b> 15'56         |            |
|                     | -877 Jun 03 j 14:40              | $\Pi^{\circ}0$                   |                  |   |                           |                           |            |
|                     | ,                                |                                  |                  | superior conj                           | -876 May 20 j 02:29       | 19° <b>8</b> 24'33        | 0°55'57    |
| superior conj       | -877 Jun 05 j 16:18              | 4° <b>Ⅲ</b> 27'35                | 1°15'44          | minimum elong                           | -876 May 20 j 00:19       | 19° <b>8</b> 12'44        | 0°55'34    |
| minimum elong       | -877 Jun 05 j 13:47              | 4° <b>Ⅱ</b> 14'02                | 1°15'22          | max. Earth dist.                        | -876 May 21 j 03:58       | 21° <b>8</b> 43'24        | 1.32796 AU |
| max. Earth dist.    | -877 Jun 07 j 19:37              | 9° <b>Ⅱ</b> 01'48                | 1.33516 AU       |   | -876 May 25 j 00:29       | $\Pi^{\circ}0$            |            |
| evening rise        | -877 Jun 13 j 04:10              | 20° <b>Ⅲ</b> 06′21               |                  | evening rise                            | -876 May 27 j 05:53       | 4° <b>Ⅲ</b> 38′25         |            |
|                     | -877 Jun 18 j 06:58              | 0° <b>©</b>                      |                  |   | -876 Jun 09 j 23:27       | 0°€                       |            |
|                     | -877 Jul 07 j 02:37              | $0^{\circ}\Omega$                |                  | desc. node                              | -876 Jun 23 j 18:21       | 19° <b>©</b> 16'03        |            |
| desc. node          | -877 Jul 07 j 21:20              | 1° <b>Ω</b> 01'14                |                  | evening max el                          | -876 Jun 28 j 05:23       | 23° <b>©</b> 57'49        | 27°17'13   |
| evening max el      | -877 Jul 16 j 21:15              | 11° <b>Ω</b> 14'18               | 27°24'05         |   | -876 Jul 06 j 15:08       | $0^{\circ}\Omega$         |            |
| retrograde          | -877 Jul 30 j 11:49              | 18° <b>Ω</b> 35′07               |                  | retrograde                              | -876 Jul 12 j 01:45       | 1° <b>Ω</b> 16′16         |            |
| evening set         | -877 Aug 06 j 15:38              | 15° <b>Ω</b> 53'04               |                  |   | -876 Jul 17 j 06:12       | 30° <b>₹</b> 5            |            |
| min. Earth dist.    | -877 Aug 10 j 07:09              | 12° <b>Ω</b> 36′12               | 0.63913 AU       | evening set                             | -876 Jul 19 j 05:04       | 28°952'03                 |            |
| inferior conj       | -877 Aug 12 j 19:12              | 9° <b>£</b> 59'34                | -3°30'17         | min. Earth dist.                        | -876 Jul 22 j 19:14       | 26° <b>©</b> 01'31        | 0.62134 AU |
| minimum elong       | -877 Aug 12 j 23:44              | 9° <b>Ω</b> 47'42                | 3°29'03          | inferior conj                           | -876 Jul 25 j 19:33       | 23° <b>©</b> 13'54        | -4°10'49   |
| morning rise        | -877 Aug 19 j 08:46              | 4° <b>Ω</b> 38'25                |                  | minimum elong                           | -876 Jul 25 j 23:40       | 23° <b>©</b> 04'20        | 4°10'04    |
| direct              | -877 Aug 21 j 23:28              | 4° <b>Ω</b> 04'20                |                  | morning rise                            | -876 Aug 01 j 19:36       | 18° <b>©</b> 12'16        |            |
| asc. node           | -877 Aug 24 j 14:24              | 4° <b>Ω</b> 39'00                |                  | direct                                  | -876 Aug 04 j 07:54       | 17° <b>5</b> 44'33        |            |
|                     |                                  |                                  |                  |   |                           |                           |            |

| •  | nical year style is used: The              |  | •          | * *                               |  |  | 5          |
|--|--|--|------------|-----------------------------------|--|--|------------|
| asc. node  | -876 Aug 10 j 11:29                        | 20° <b>©</b> 33'58                     |            | morning max el                    | -875 Jul 25 j 14:38                        | 4° <b>©</b> 35'43                        | 18°13'04   |
| morning max el                                     | -876 Aug 11 j 03:16                        | 21°9511'01                             | 17°55'21   | asc. node                         | -875 Jul 28 j 08:33                        | 7° <b>©</b> 39'12                        |            |
|  | -876 Aug 17 j 19:28                        | $0^{\circ}\Omega$                      |            | morning set                       | -875 Aug 10 j 13:38                        | 29° <b>©</b> 54'33                       |            |
| morning set  | -876 Aug 27 j 05:47                        | 16° <b>Ω</b> 24'55                     |            | Č                                 | -875 Aug 10 j 14:47                        | $0^{\circ}\Omega$                        |            |
| C  | -876 Sep 03 j 20:19                        | 0° <b>m</b> )                          |            |                                   | e j  |  |            |
|  |  | • •                                    |            | superior conj                     | -875 Aug 20 j 02:29                        | 17° <b>Ω</b> 39'30                       | 1°37'45    |
| superior conj                                      | -876 Sep 07 j 03:12                        | 5° Mp 42'10                            | 1°16'54    | minimum elong                     | -875 Aug 20 j 05:44                        | 17° <b>Ω</b> 54'08                       | 1°37'32    |
| minimum elong                                      | -876 Sep 07 j 08:13                        | 6° Mp 03'41                            | 1°16'22    | C                                 | -875 Aug 27 j 03:00                        | O° Mp                                    |            |
| max. Earth dist.                                   | -876 Sep 14 j 08:49                        | 17° <b>m</b> 49'25                     | 1.42841 AU | max. Earth dist.                  | -875 Aug 27 j 16:50                        | 0° mp 58'51                              | 1.41055 AU |
| desc. node   | -876 Sep 19 j 17:43                        | 26° m 28'01                            |            | evening rise                      | -875 Sep 01 j 17:02                        | 9° m 18'43                               |            |
| evening rise                                       | -876 Sep 21 j 16:09                        | 29° <b>m</b> 30'57                     |            | desc. node                        | -875 Sep 06 j 14:43                        | 17° Mp 09'06                             |            |
| Č  | -876 Sep 21 j 23:34                        | 0∘ <b>⊽</b>                            |            |                                   | -875 Sep 15 j 01:26                        | 0∘ <mark>⊽</mark>                        |            |
|  | -876 Oct 12 j 05:15                        | 0°M,                                   |            | evening max el                    | -875 Oct 05 j 17:02                        | 26° <b>≏</b> 55'39                       | 22°59'48   |
| evening max el                                     | -876 Oct 23 j 01:14                        | 13°M26'26                              | 21°41'14   |                                   | -875 Oct 09 j 02:47                        | o° <b>m</b>                              |            |
| retrograde   | -876 Nov 01 j 01:18                        | 18° <b>M</b> 47'28                     |            | retrograde                        | -875 Oct 15 j 19:30                        | 2°M55'09                                 |            |
| evening set  | -876 Nov 05 j 07:42                        | 17° <b>M</b> 07'08                     |            | evening set                       | -875 Oct 20 j 14:56                        | 0°M56'32                                 |            |
| asc. node  | -876 Nov 06 j 10:42                        | 16°M06'51                              |            |                                   | -875 Oct 21 j 15:29                        | 30° <b>₽</b> Ω                           |            |
| inferior conj                                      | -876 Nov 10 j 16:08                        | 10°M51'34                              | 1°25'05    | asc. node                         | -875 Oct 24 j 07:45                        | 26° <b>≏</b> 50'08                       |            |
| minimum elong                                      | -876 Nov 10 j 14:17                        | 10°M57'56                              | 1°24'21    | inferior conj                     | -875 Oct 25 j 23:09                        | 24° <b>≏</b> 36'12                       | 0°33'51    |
| min. Earth dist.                                   | -876 Nov 10 j 20:34                        | 10°M36'16                              | 0.67498 AU | minimum elong                     | -875 Oct 25 j 22:21                        | 24° <b>≏</b> 38'55                       | 0°33'31    |
| morning rise                                       | -876 Nov 15 j 20:43                        | 4°M38'21                               |            | min. Earth dist.                  | -875 Oct 25 j 17:03                        | 24° <b>≏</b> 57'11                       | 0.67613 AU |
| direct   | -876 Nov 20 j 19:38                        | 2°M32'12                               |            | morning rise                      | -875 Oct 31 j 05:42                        | 18° <b>≏</b> 25'43                       |            |
| morning max el                                     | -876 Nov 30 j 22:05                        | 8°M32'38                               | 23°05'08   | direct                            | -875 Nov 04 j 13:56                        | 16° <b>≏</b> 42'09                       |            |
| desc. node   | -876 Dec 16 j 17:00                        | 28°M35'55                              |            | morning max el                    | -875 Nov 13 j 12:01                        | 21° <b>≏</b> 57'03                       | 21°40'21   |
|  | -876 Dec 17 j 16:23                        | 0° <b>∡</b> ¹                          |            |                                   | -875 Nov 20 j 08:18                        | 0° <b>M</b>                              |            |
| morning set  | -875 Jan 04 j 13:15                        | 27° <b>∡</b> ¹45′02                    |            | desc. node                        | -875 Dec 03 j 14:02                        | 18° <b>M</b> 41'56                       |            |
| C  | -875 Jan 05 j 21:31                        | 8°0                                    |            |                                   | -875 Dec 11 j 00:23                        | 0° <b>∡</b> ¹                            |            |
| max. Earth dist.                                   | -875 Jan 09 j 00:39                        |  | 1.39704 AU | morning set                       | -875 Dec 15 j 08:35                        | 6° <b>х</b> 49′00                        |            |
|  | J.   |  |            | max. Earth dist.                  | -875 Dec 22 j 00:51                        | 17° <b>∡</b> ³38'52                      | 1.41743 AU |
| superior conj                                      | -875 Jan 16 j 17:22                        | 19° <b>る</b> 04'10                     | -1°57'10   |                                   | -875 Dec 29 j 07:26                        | 8°0                                      |            |
| minimum elong                                      | -875 Jan 16 j 19:32                        | 19° <b>る</b> 14'10                     |            |                                   | J  |  |            |
|  | -875 Jan 22 j 13:05                        | 0° <b>≈</b>                            |            | superior conj                     | -875 Dec 29 j 14:23                        | 0° <b>ප</b> 30'16                        | -1°59'58   |
| evening rise                                       | -875 Jan 26 j 06:12                        | 7° <b>≈</b> 06'44                      |            | minimum elong                     | -875 Dec 29 j 13:11                        | 0°る25'02                                 | 1°59'58    |
| asc. node  | -875 Feb 02 j 10:02                        | 20° <b>≈</b> 24'54                     |            | evening rise                      | -874 Jan 09 j 10:14                        | 19° <b>る</b> 59'19                       |            |
|  | -875 Feb 08 j 15:19                        | 0° <b>)</b> €                          |            |                                   | -874 Jan 14 j 22:27                        | 0° <b>≈</b>                              |            |
| evening max el                                     | -875 Feb 11 j 12:34                        | 3° <b>升</b> 15′35                      | 18°31'19   | asc. node                         | -874 Jan 20 j 07:03                        | 8° <b>≈</b> 58'16                        |            |
| retrograde   | -875 Feb 19 j 03:14                        | 6° <b>升</b> 59'12                      |            | evening max el                    | -874 Jan 25 j 21:24                        | 16° <b>≈</b> 09'22                       | 18°10'40   |
| evening set  | -875 Feb 21 j 14:04                        | 6° <b>)</b> 37′16                      |            | retrograde                        | -874 Feb 01 j 17:54                        | 19° <b>≈</b> 37'38                       |            |
| inferior conj                                      | -875 Mar 01 j 00:57                        | 2° <b>)</b> €07'06                     | 3°14'42    | evening set                       | -874 Feb 04 j 09:03                        | 19° <b>≈</b> 07'35                       |            |
| minimum elong                                      | -875 Mar 01 j 04:46                        | 1° <b>)</b> 59′30                      | 3°13'58    | inferior conj                     | -874 Feb 11 j 04:29                        | 14° <b>≈</b> 16′10                       | 3°46'53    |
|  | -875 Mar 03 j 17:13                        | 30°R <b>≈</b>                          |            | minimum elong                     | -874 Feb 11 j 06:04                        | 14° <b>≈</b> 12'31                       | 3°46'46    |
| min. Earth dist.                                   | -875 Mar 04 j 10:56                        | 29° <b>≈</b> 26′17                     | 0.58450 AU | min. Earth dist.                  | -874 Feb 14 j 10:47                        | 11° <b>≈</b> 17'38                       | 0.60519 AU |
| morning rise                                       | -875 Mar 08 j 16:55                        | 26° <b>≈</b> 43′24                     |            | morning rise                      | -874 Feb 18 j 01:21                        | 8° <b>≈</b> 32'12                        |            |
| direct   | -875 Mar 14 j 16:55                        | 25°≈11'32                              |            | direct                            | -874 Feb 24 j 18:51                        | 6° <b>≈</b> 22'55                        |            |
| desc. node   | -875 Mar 14 j 16:09                        | 25° <b>≈</b> 11'32                     |            | desc. node                        | -874 Mar 01 j 13:12                        | 7° <b>≈</b> 22'45                        |            |
|  | -875 Mar 25 j 21:30                        | 0° <b>∀</b>                            |            | morning max el                    | -874 Mar 11 j 00:15                        | 14° <b>≈</b> 09'37                       | 27°31'22   |
| morning max el                                     | -875 Mar 29 j 00:47                        | 2° <b>)</b> 47′38                      | 26°40'07   |                                   | -874 Mar 23 j 18:02                        | 0° <b>∀</b>                              |            |
|  | -875 Apr 17 j 15:06                        | $0$ ° $\Upsilon$                       |            |                                   | -874 Apr 09 j 22:35                        | $0$ ° $\Upsilon$                         |            |
| morning set  | -875 Apr 27 j 13:13                        | 19° <b>Ƴ</b> 11'49                     |            | morning set                       | -874 Apr 11 j 20:46                        | 3° <b>Y</b> 55'36                        |            |
| asc. node  | -875 May 01 j 09:20                        | 27° <b>Y</b> 24'12                     |            | max. Earth dist.                  | -874 Apr 18 j 05:08                        | 17° <b>Ƴ</b> 29'02                       | 1.32428 AU |
|  | -875 May 02 j 13:55                        | $8^{\circ}$                            |            | asc. node                         | -874 Apr 18 j 06:22                        | 17° <b>Ƴ</b> 35'46                       |            |
|  |  |  |            |                                   |  |  |            |
| superior conj                                      | -875 May 04 j 14:08                        | 4° <b>8</b> 24'17                      | 0°33'16    | superior conj                     | -874 Apr 19 j 01:34                        | 19° <b>Y</b> 20'46                       | 0°08'28    |
| minimum elong                                      | -875 May 04 j 12:43                        | 4° <b>8</b> 16'30                      | 0°32'58    | minimum elong                     | -874 Apr 19 j 01:10                        | 19° <b>Ƴ</b> 18'39                       | 0°08'23    |
| max. Earth dist.                                   | -875 May 04 j 16:28                        | 4° <b>8</b> 37'05                      | 1.32434 AU | behind sun begin                  | -874 Apr 18 j 20:52                        | 18° <b>Ƴ</b> 55'06                       |            |
| evening rise                                       | -875 May 11 j 13:06                        | 19° <b>8</b> 25'45                     |            | behind sun end                    | -874 Apr 19 j 05:28                        | 19° <b>Y</b> 42'12                       |            |
|  | -875 May 16 j 19:04                        | 0°Щ                                    |            |                                   | -874 Apr 23 j 22:46                        | 0°8                                      |            |
|  | -875 Jun 04 j 19:13                        | 0ಂ <b>ತಾ</b>                           |            | evening rise                      | -874 Apr 25 j 23:32                        | 4° <b>8</b> 20'16                        |            |
| evening max el                                     | -875 Jun 10 j 07:57                        | 6°≌00'12                               | 26°37'18   |                                   | -874 May 09 j 17:03                        | $\Pi$ $^{\circ}0$                        |            |
| desc. node   | -875 Jun 10 j 15:21                        | 6°9517'41                              |            | evening max el                    | -874 May 23 j 03:32                        | 17° <b>Ⅱ</b> 17'03                       | 25°27'33   |
| retrograde   | -875 Jun 24 j 07:52                        | 13° <b>©</b> 15'46                     |            | desc. node                        | -874 May 28 j 12:24                        | 21° <b>Ⅲ</b> 35'44                       |            |
|  | -875 Jun 30 j 23:45                        | 11° <b>©</b> 22'19                     |            | retrograde                        | -874 Jun 06 j 04:39                        | 24° <b>∏</b> 27'59                       |            |
| evening set  |  |  | 0.60122 AU | evening set                       | -874 Jun 11 j 19:58                        | 23° <b>Ⅲ</b> 13'16                       |            |
| min. Earth dist.                                   | -875 Jul 04 j 21:15                        | 8°543'59                               |            | -                                 |  |  |            |
| min. Earth dist.<br>inferior conj                  | -875 Jul 08 j 05:13                        | 6° <b>©</b> 02'15                      | -4°35'54   | min. Earth dist.                  | -874 Jun 16 j 15:30                        | 20° <b>Ⅱ</b> 29′03                       |            |
| min. Earth dist.<br>inferior conj<br>minimum elong | -875 Jul 08 j 05:13<br>-875 Jul 08 j 07:11 | 6° <b>©</b> 02'15<br>5° <b>©</b> 58'14 | -4°35'54   | min. Earth dist.<br>inferior conj | -874 Jun 16 j 15:30<br>-874 Jun 19 j 20:36 | 20° <b>Ⅲ</b> 29'03<br>18° <b>Ⅲ</b> 13'56 | -4°35'27   |
| min. Earth dist.<br>inferior conj                  | -875 Jul 08 j 05:13                        | 6° <b>©</b> 02'15                      | -4°35'54   | min. Earth dist.                  | -874 Jun 16 j 15:30                        | 20° <b>Ⅱ</b> 29′03                       | -4°35'27   |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. morning rise -874 Jun 30 i 08:43 13°**Ⅱ**36'53 -873 Jun 09 i 03:12 25°842'55 direct -874 Jul 08 i 19:29 17°**Ⅲ**35′07 18°51'09 -873 Jun 11 j 17:44 25°**8**25'18 morning max el direct -874 Jul 15 j 05:35 25°**Ⅲ**39'01 -873 Jun 21 j 15:05 0°**I**I00'01 morning max el 19°50'01 asc. node 0ಂತಾ -874 Jul 17 j 21:27 -873 Jun 21 j 15:04  $0^{\circ}\Pi$ -873 Jul 02 j 02:38 -874 Jul 25 j 08:24 14°**Ⅲ**20'57 morning set 13°956'48 asc. node -873 Jul 09 j 10:50 morning set 28°**Ⅲ**23'08 superior conj -874 Aug 02 j 22:03 0°**Ω**37'52 1°46'49 -873 Jul 10 j 06:00 0ಂಣ minimum elong -874 Aug 02 j 23:01 0°**Ω**42′26 1°46'48 14°**©**21'31 -874 Aug 02 j 14:07  $0^{\circ}\Omega$ superior conj -873 Jul 17 j 08:25 1°46'27 -873 Jul 17 j 07:33 max. Earth dist. -874 Aug 09 j 20:01 13°**Ω**22'58 1.39059 AU minimum elong 14°9517'09 1°46'27 evening rise -874 Aug 13 j 18:39 20°**Ω**16′26 max. Earth dist. -873 Jul 22 j 23:26 25°**©**16'07 1.37121 AU -873 Jul 25 j 12:33 -874 Aug 19 j 14:53 0° M 0° $\Omega$ desc. node -874 Aug 24 j 11:43 7° Mp 41'26 evening rise -873 Jul 26 j 20:10 2°**Ω**23'43 desc. node -874 Sep 09 j 04:20 0∘**⊽** -873 Aug 11 j 08:44 27°**Ω**59'56 evening max el -874 Sep 18 j 05:19 10°**≏**27'19 24°19'47 -873 Aug 12 j 16:57 0° m retrograde -874 Sep 29 j 10:13 17°**♀**01'32 evening max el -873 Aug 31 j 16:37 24° Mp 02'36 25°34'02 evening set -874 Oct 04 j 19:56 14°**£**44'47 -873 Sep 08 j 14:54 0∘**⊽** min. Earth dist. -874 Oct 09 j 12:55 9°**ഫ**18'48 0.67410 AU retrograde -873 Sep 12 j 20:33 1°**2**02'13 inferior conj -874 Oct 10 j 05:21 8° 23'28 -0°20'13 -873 Sep 16 j 17:44 30°R, Mp minimum elong -874 Oct 10 j 05:51 8°**£**21'49 0°20'01 evening set -873 Sep 18 j 20:55  $28^{\circ}$  m 29'38asc. node -874 Oct 11 j 04:47 7°**2**05'19 min. Earth dist. -873 Sep 23 j 05:44 23° m 39'17 0.66886 AU morning rise -874 Oct 15 i 15:47 2°**₽**18'14 inferior conj -873 Sep 24 i 09:03 22° m 11'23 -1°15'35 direct -874 Oct 19 i 10:56 0°**£**55'42 minimum elong -873 Sep 24 i 10:56 22° m 05'20 1°14'48 morning max el -874 Oct 27 j 08:58 5°**£**30'55 20°24'49 asc. node -873 Sep 28 j 01:49 17° m 50'46 -874 Nov 14 j 11:30 0°M morning rise -873 Sep 30 j 01:07 16° m 14'17 -874 Nov 20 j 11:03 9°MJ04'20 -873 Oct 03 j 09:18 15° m 09'42 desc. node direct -874 Nov 24 j 07:25 15°ML00'05 -873 Oct 10 j 13:24 morning max el 19° m 14'00 19°22'38 morning set -874 Dec 03 j 19:53 -873 Oct 18 j 23:50 0°×7 0∘ଫ -874 Dec 04 j 08:12 0°**∡¹**49'28 -873 Nov 03 j 08:39 max Earth dist 1.43432 AU morning set 23°**£**26'24 -873 Nov 07 j 08:04 29°**2**38'12 desc. node -874 Dec 10 j 09:52 -873 Nov 07 j 13:40 10°**х** 43'35 -1°47'37 superior conj 0°M -874 Dec 10 j 04:02 -873 Nov 16 j 22:09 10°**∡**19'31 1°47'14 max. Earth dist. 14°M40'55 1.44561 AU minimum elong -874 Dec 21 j 17:27 0°궁  $19^{\circ}$ ML $45'34 - 1^{\circ}17'12$ -874 Dec 22 j 22:04 2°**る**04'51 -873 Nov 20 j 02:56 evening rise superior conj -873 Jan 07 j 04:04 -873 Nov 19 j 18:55 asc. node 26°**る**49'24 minimum elong 19°M13'39 1°16'21 -873 Jan 09 j 09:23 -873 Nov 26 j 11:48 evening max el 29°**る**20'04 18°09'39 0°**⊼** -873 Jan 10 j 02:03 -873 Dec 04 j 13:17 0°≈ evening rise 13°**∡** 15′05 retrograde -873 Jan 15 j 22:04 2°≈46'41 -873 Dec 14 j 16:54 0°ರ -873 Jan 18 j 17:20 2°≈07'29 evening max el -873 Dec 23 j 21:46 12°**る**40'37 18°27'20 evening set -873 Jan 21 j 21:02 30°Rる asc. node -873 Dec 25 j 01:06 13°る45'39 inferior conj -873 Jan 25 j 00:48 26°る55'35 3°52'42 retrograde -873 Dec 30 j 11:16 16°る17'01 -873 Jan 25 j 00:10 26°る57'14 3°52'39 -872 Jan 02 j 11:20 15°**る**27'31 minimum elong evening set -873 Jan 27 j 19:13 24°る03'04 0.62526 AU -872 Jan 08 j 09:53 9°る56'42 3°39'29 min. Earth dist. inferior conj -873 Jan 31 j 06:00 20°る59'03 -872 Jan 08 j 07:46 10°る02'50 3°39'11 morning rise minimum elong -873 Feb 07 j 06:17 18°**る**21'19 min. Earth dist. -872 Jan 10 j 13:13 7°る28'24 0.64274 AU direct -873 Feb 16 i 10:15 desc. node 22°る01'46 morning rise -872 Jan 14 i 03:40 3°る52'18 morning max el -873 Feb 21 i 05:31 26°る12'27 27°46'17 direct -872 Jan 21 i 01:20 1°る01'02 -873 Feb 24 j 18:47 0°≈ desc. node -872 Feb 03 i 07:18 8°る31'30 -873 Mar 17 j 06:17 0°**)**€ morning max el -872 Feb 03 j 14:10 8°중48'33 27°25'17 -873 Mar 26 j 23:08 18°¥21'02 -872 Feb 20 j 03:11 0°**≈** morning set -873 Apr 01 j 14:03 0°Υ05'30 1.32796 AU -872 Mar 08 j 13:15 0°\ max Earth dist -873 Apr 01 j 13:01  $0^{\circ}\Upsilon$ -872 Mar 09 j 17:31 2° # 17'49 morning set -872 Mar 14 j 15:10 max Earth dist 12°¥12'27 1.33576 AU -873 Apr 03 j 11:07 4°Υ08'15 -0°17'40 superior conj 18°**)** 39'21 -0°44'08 -873 Apr 03 j 11:56 4°Υ12'44 0°17'29 superior conj -872 Mar 17 j 16:53 minimum elong -873 Apr 05 j 03:24 7°**Y**46'45 minimum elong -872 Mar 17 j 18:57 18°**¥**50'23 0°43'42 asc. node -873 Apr 10 j 11:17 19°Υ15'23 -872 Mar 22 j 00:26 27°¥52'08 evening rise asc. node  $0^{\circ}\Upsilon$ -873 Apr 15 j 18:08 -872 Mar 23 j 00:25 0°8 4°**Υ**03′28 -873 May 04 j 18:39 28°801'30 23°58'05 -872 Mar 24 j 22:29 evening max el evening rise 0°8 -873 May 06 j 23:38  $\Pi$ °0 -872 Apr 08 j 06:19 8°**8**39'02 22°23'11 desc. node -873 May 15 j 09:25 4°**Ⅲ**34′05 evening max el -872 Apr 15 j 11:20 -873 May 18 j 13:54 4°**I**57'16 retrograde -872 Apr 28 j 10:14 15°**8**00'45 retrograde evening set -873 May 22 j 19:14 4°**Ⅱ**17'43 evening set -872 May 01 j 08:40 14°**8**41'48 min. Earth dist. -873 May 29 j 05:50 1°**I**12'21 0.56355 AU desc. node -872 May 01 j 06:28 14°**8**42'57 -873 May 31 j 04:54 30°R₩ min. Earth dist. -872 May 09 j 18:56 11°**8**03'56 0.55267 AU -873 May 31 j 15:52 29°843'00 -3°57'19 -872 May 10 j 17:41 10°831'43 -2°34'48 inferior conj inferior conj

-873 May 31 j 09:45

minimum elong

29°852'29 3°56'07

-872 May 10 j 11:13

minimum elong

10°840'52 2°32'48

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 16 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: T                | he year -900 in                                  | astronomical cou | nting style is the year | 901 BCE in historical cou                  | inting style.                               |            |
|---------------------|--|--|------------------|-------------------------|--|---|------------|
| morning rise        | -872 May 19 j 15:33                        | 6° <b>8</b> 36'50                                |                  | minimum elong           | -871 Apr 20 j 10:07                        | 21° <b>Y</b> 01'31                          | 0°39'35    |
| direct              | -872 May 22 j 10:35                        | 6° <b>8</b> 19'01                                |                  | min. Earth dist.        | -871 Apr 21 j 08:07                        | 20° <b>Ƴ</b> 30'16                          | 0.55069 AU |
| morning max el      | -872 Jun 02 j 23:37                        | 11° <b>8</b> 42'33                               | 21°08'50         | morning rise            | -871 Apr 29 j 14:15                        | 16° <b>Ƴ</b> 51'37                          |            |
|                     | -872 Jun 16 j 01:42                        | $\Pi^{\circ}0$                                   |                  | direct                  | -871 May 02 j 21:24                        | 16° <b>Y</b> 28′05                          |            |
| asc. node           | -872 Jun 17 j 23:42                        | 3° <b>Ⅱ</b> 34′26                                |                  | morning max el          | -871 May 15 j 21:47                        | 22° <b>Y</b> 43'42                          | 22°43'20   |
| morning set         | -872 Jun 22 j 18:24                        | 13° <b>Ⅱ</b> 06'36                               |                  |                         | -871 May 22 j 06:54                        | 0°8   |            |
|                     |  |  |                  | asc. node               | -871 Jun 04 j 20:46                        | 23° <b>8</b> 11'15                          |            |
| superior conj       | -872 Jun 30 j 05:13                        | 28° <b>Ⅱ</b> 37'33                               |                  | morning set             | -871 Jun 07 j 05:03                        | 28° <b>8</b> 00'59                          |            |
| minimum elong       | -872 Jun 30 j 03:11                        |  | 1°38'38          |                         | -871 Jun 08 j 03:44                        | $\Pi$ $^{\circ}0$                           |            |
|                     | -872 Jun 30 j 21:14                        | 0°€  |                  |                         |  | _   |            |
| max. Earth dist.    | -872 Jul 04 j 09:31                        | 7° <b>5</b> 06'26                                | 1.35437 AU       | superior conj           | -871 Jun 14 j 09:08                        | 13° <b>Ⅱ</b> 15'51                          |            |
| evening rise        | -872 Jul 08 j 16:57                        | 15° <b>©</b> 28'15                               |                  | minimum elong           | -871 Jun 14 j 06:37                        | 13° <b>Ⅲ</b> 02'32                          |            |
|                     | -872 Jul 16 j 19:19                        | 0°Ω  |                  | max. Earth dist.        | -871 Jun 17 j 05:15                        | 19° <b>Ⅱ</b> 14'08                          | 1.34108 AU |
| desc. node          | -872 Jul 28 j 05:46                        | 17° <b>Ω</b> 58'08                               |                  | evening rise            | -871 Jun 22 j 04:03                        | 29° <b>Ⅱ</b> 16'00                          |            |
|                     | -872 Aug 06 j 06:00                        | 0°M)<br>70m-2712€                                | 26024120         |                         | -871 Jun 22 j 13:01                        | 0° <b>©</b>                                 |            |
| evening max el      | -872 Aug 13 j 04:25                        | 7° Mp 37'36                                      | 26°34'38         | 1 1                     | -871 Jul 09 j 21:52                        | 0° <b>Ω</b>                                 |            |
| retrograde          | -872 Aug 26 j 01:49                        | 14° Mp 51'32                                     |                  | desc. node              | -871 Jul 15 j 02:48                        | 7° <b>Ω</b> 26'54                           | 27012140   |
| evening set         | -872 Sep 01 j 15:50                        | 12° Mp 08'07                                     | 0.66010 ATT      | evening max el          | -871 Jul 26 j 16:12                        | 21° <b>Ω</b> 02'04                          | 2/°13′48   |
| min. Earth dist.    | -872 Sep 05 j 17:05                        | 7° Mp 55'08<br>5° Mp 56'55                       | 0.66019 AU       | retrograde              | -871 Aug 09 j 01:30                        | 28° <b>Ω</b> 21'35                          |            |
| inferior conj       | -872 Sep 07 j 08:19                        | •  |                  | evening set             | -871 Aug 16 j 02:02                        | 25° <b>Ω</b> 35'39                          | 0.64792 AU |
| minimum elong       | -872 Sep 07 j 11:32                        | 5° Mp 47'13                                      | 2-09-17          | min. Earth dist.        | -871 Aug 19 j 20:31                        | 21° <b>∂</b> (39′40′<br>19° <b>Ω</b> 35′01′ |            |
| morning rise        | -872 Sep 13 j 07:37                        | 0° Mp 11'10                                      |                  | inferior conj           | -871 Aug 22 j 00:52                        |   |            |
| asc. node           | -872 Sep 13 j 22:53                        | 29° <b>£</b> 52'07<br>30° <b>₹£</b>              |                  | minimum elong           | -871 Aug 22 j 05:07                        | 19° <b>Ω</b> 23'15<br>14° <b>Ω</b> 04'03    | 3-01-21    |
| diract              | -872 Sep 13 j 16:08                        | 30 και<br>29° <b>Ω</b> 21'01                     |                  | morning rise            | -871 Aug 28 j 08:53<br>-871 Aug 31 j 02:13 | 14 <b>∂</b> 004 03                          |            |
| direct              | -872 Sep 16 j 07:11                        |  |                  | direct                  | 0 3  |   |            |
| marring may al      | -872 Sep 18 j 23:36                        | 0° Mp<br>3° Mp 03′34                             | 10026104         | asc. node               | -871 Aug 31 j 19:58                        | 13° <b>Ω</b> 27'50<br>16° <b>Ω</b> 54'24    | 18°06'12   |
| morning max el      | -872 Sep 23 j 00:01<br>-872 Oct 11 j 10:47 | ე∘ <u>ი</u>                                      | 18 30 04         | morning max el          | -871 Sep 06 j 14:29<br>-871 Sep 16 j 01:43 | 0° Mp                                       | 18 00 12   |
| morning set         | -872 Oct 11 j 10.47                        | ა <u>•</u> ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა |                  | morning set             | -871 Sep 16 j 01.43                        | 0 ių<br>14°Mp07'24                          |            |
| desc. node          | -872 Oct 13 j 05:06                        | 20° <b>₽</b> 19'52                               |                  | morning set             | -871 Oct 04 j 04:25                        | 0° <b>⊡</b>                                 |            |
| desc. node          | -872 Oct 24 j 05.00                        | 20 = 1932  |                  |                         | -8/1 001 04 1 04.23                        | 0 ==  |            |
| superior conj       | -872 Oct 29 j 04:01                        | 28° <b>≏</b> 08'17                               | -0°31'54         | superior conj           | -871 Oct 08 j 10:22                        | 6° <b>£</b> 51'07                           | 0°17'21    |
| minimum elong       | -872 Oct 28 j 23:49                        | 27° <b>£</b> 51'47                               |                  | minimum elong           | -871 Oct 08 j 12:28                        | 6° <b>£</b> 59'28                           |            |
| max. Earth dist.    | -872 Oct 29 j 16:21                        |  | 1.44992 AU       | desc. node              | -871 Oct 11 j 02:08                        | 11° <b>≏</b> 05'17                          | 0 17 0 .   |
| man. Darut dist.    | -872 Oct 30 j 08:25                        | 0°M  | 1.11992110       | max. Earth dist.        | -871 Oct 12 j 11:12                        | 13° <b>⊆</b> 16'21                          | 1.44681 AU |
| evening rise        | -872 Nov 14 j 04:50                        | 23°M26'28  |                  | man. Barm dist.         | -871 Oct 23 j 03:50                        | 0°M   | 1.1.001110 |
|                     | -872 Nov 18 j 07:47                        | 0° <b>%</b>                                      |                  | evening rise            | -871 Oct 24 j 22:16                        | 2°M44'18                                    |            |
| greatest brilliancy | -872 Nov 22 j 16:07                        | 6° <b>∡</b> ¹53'36                               | -0.8m            | greatest brilliancy     | -871 Nov 07 j 07:15                        | 23°M10'33                                   | -0.7m      |
| evening max el      | -872 Dec 06 j 08:06                        | 26° <b>∡</b> ¹06'41                              |                  | <i>y</i>                | -871 Nov 11 j 23:44                        | 0° <b>∡</b> ¹                               |            |
| asc. node           | -872 Dec 10 j 22:09                        | 29° <b>∡</b> ³33′01                              |                  | evening max el          | -871 Nov 19 j 14:10                        | 9° <b>х</b> 34′02                           | 19°53'56   |
|                     | -872 Dec 12 j 12:53                        | 0°ರ  |                  | retrograde              | -871 Nov 27 j 03:17                        | 13° <b>₹</b> 58'42                          |            |
| retrograde          | -872 Dec 13 j 06:00                        | 0° <b>る</b> 02'53                                |                  | asc. node               | -871 Nov 27 j 19:13                        | 13° <b>∡</b> 756'11                         |            |
| Č                   | -872 Dec 13 j 22:59                        | 30°R <i>⊀</i>                                    |                  | evening set             | -871 Nov 30 j 17:12                        | 12° <b>х</b> 43′46                          |            |
| evening set         | -872 Dec 16 j 12:07                        | 29° <b>х</b> 01'33                               |                  | inferior conj           | -871 Dec 06 j 04:59                        | 6° <b>х¹</b> 42'33                          | 2°36'20    |
| inferior conj       | -872 Dec 22 j 04:15                        | 23° <b>҂</b> 14'03                               | 3°12'47          | minimum elong           | -871 Dec 06 j 02:11                        | 6° <b>₹</b> 51'52                           | 2°35'27    |
| minimum elong       | -872 Dec 22 j 01:27                        | 23° <b>∡</b> ¹22'50                              | 3°12'07          | min. Earth dist.        | -871 Dec 07 j 03:40                        | 5° <b>∡</b> 27'18                           | 0.66658 AU |
| min. Earth dist.    | -872 Dec 23 j 16:32                        | 21° <b>∡</b> ¹20′22                              | 0.65662 AU       | morning rise            | -871 Dec 11 j 10:58                        | 0° <b>∡</b> 29'47                           |            |
| morning rise        | -872 Dec 27 j 14:31                        | 17° <b>∡</b> °04'31                              |                  |                         | -871 Dec 12 j 00:53                        | 30°RM                                       |            |
| direct              | -871 Jan 03 j 02:42                        | 14° <b>∡</b> 14′26                               |                  | direct                  | -871 Dec 17 j 09:37                        | 27°M52'04                                   |            |
| morning max el      | -871 Jan 15 j 23:45                        | 21° <b>х</b> ⁴47'33                              | 26°33'54         |                         | -871 Dec 23 j 11:09                        | 0° <b>∡</b> ¹                               |            |
| desc. node          | -871 Jan 20 j 04:21                        | 26° <b>∡</b> ¹20'57                              |                  | morning max el          | -871 Dec 29 j 08:43                        | 4° <b>≯</b> 58'19                           | 25°20'42   |
|                     | -871 Jan 23 j 04:41                        | 0°ಕ  |                  | desc. node              | -870 Jan 07 j 01:24                        | 15° <b>渘</b> ¹06'23                         |            |
|                     | -871 Feb 12 j 08:05                        | 0° <b>≈</b>                                      |                  |                         | -870 Jan 17 j 15:56                        | 0° <b>ප</b>                                 |            |
| morning set         | -871 Feb 21 j 00:23                        | 15° <b>≈</b> 35'14                               |                  | morning set             | -870 Feb 03 j 14:57                        | 27° <b>る</b> 59'34                          |            |
| max. Earth dist.    | -871 Feb 25 j 05:28                        | 23° <b>≈</b> 44'51                               | 1.34809 AU       |                         | -870 Feb 04 j 17:29                        | 0° <b>≈</b>                                 |            |
|                     | -871 Feb 28 j 08:03                        | 0° <b>∀</b>                                      |                  | max. Earth dist.        | -870 Feb 07 j 08:30                        | 4° <b>≈</b> 51'55                           | 1.36477 AU |
|                     |  |  |                  |                         |  |   |            |
| superior conj       | -871 Mar 01 j 16:41                        | 2° <b>)</b> 47′24                                |                  | superior conj           | -870 Feb 13 j 07:44                        | 16° <b>≈</b> 24'26                          |            |
| minimum elong       | -871 Mar 01 j 19:50                        | 3° <b>∺</b> 03'39                                | 1°09'09          | minimum elong           | -870 Feb 13 j 11:26                        | 16° <b>≈</b> 42'49                          | 1°32'08    |
| asc. node           | -871 Mar 08 j 21:30                        | 17° <b>)</b> 47′42                               |                  |                         | -870 Feb 20 j 01:17                        | 0° <b>∀</b>                                 |            |
| evening rise        | -871 Mar 09 j 07:22                        | 18° <b>)</b> 38'45                               |                  | evening rise            | -870 Feb 21 j 11:47                        | 2° <b>)</b> 54'48                           |            |
|                     | -871 Mar 15 j 00:26                        | 0° <b>Υ</b>                                      |                  | asc. node               | -870 Feb 23 j 18:33                        | 7° <b>)</b> €28'46                          |            |
| evening max el      | -871 Mar 28 j 11:48                        | 19° <b>Ƴ</b> 36'39                               | 20°55'52         |                         | -870 Mar 09 j 19:31                        | 0° <b>Υ</b>                                 |            |
| retrograde          | -871 Apr 08 j 23:18                        | 25° <b>Y</b> ′08'51                              |                  | evening max el          | -870 Mar 10 j 23:12                        | 1° <b>Y</b> 10′10                           | 19°44'25   |
| evening set         | -871 Apr 11 j 05:32                        | 24° <b>Y</b> 56'48                               |                  | retrograde              | -870 Mar 20 j 17:46                        | 5° <b>Y</b> 51′00                           |            |
| desc. node          | -871 Apr 18 j 03:31                        | 22° <b>Y</b> 17′28                               |                  | evening set             | -870 Mar 22 j 21:37                        | 5° <b>Y</b> 38'17                           |            |
| inferior conj       | -871 Apr 20 j 12:01                        | 20° <b>Y</b> 58'49                               | -0°40'16         | inferior conj           | -870 Mar 31 j 13:28                        | 1° <b>Ƴ</b> 35'34                           | 1°14'18    |
|                     |  |  |                  |                         |  |   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 17 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom          | nical year style is used: T                |                               |                    | nting style is the year           | 901 BCE in historical cou                  | unting style.                          |                       |
|------------------------------|--|-------------------------------|--------------------|-----------------------------------|--|--|-----------------------|
| minimum elong                | -870 Mar 31 j 16:30                        | 1° <b>Y</b> 30'48             | 1°13'17            | inferior conj                     | -869 Mar 12 j 08:46                        | 12° <b>)</b> 44′42                     | 2°41'08               |
| min. Earth dist.             | -870 Apr 02 j 22:21                        | 0° <b>Y</b> 06′56             | 0.55812 AU         | minimum elong                     | -869 Mar 12 j 13:15                        | 12° <b>)</b> ₹36′34                    | 2°40'01               |
|                              | -870 Apr 03 j 02:54                        | 30° <b>Ŗ</b> ₩                |                    | min. Earth dist.                  | -869 Mar 15 j 14:44                        | 10° <b>)</b> 24′38                     | 0.57336 AU            |
| desc. node                   | -870 Apr 05 j 00:33                        | 28° <b>)</b> 53′51            |                    | morning rise                      | -869 Mar 20 j 11:58                        | 7° <b>)</b> €36'12                     |                       |
| morning rise                 | -870 Apr 09 j 09:00                        | 26° <b>)</b> 59′32            |                    | desc. node                        | -869 Mar 22 j 21:36                        | 6° <b>)</b> 47'44                      |                       |
| direct                       | -870 Apr 13 j 14:38                        | 26° <b>) (</b> 19′37          |                    | direct                            | -869 Mar 25 j 21:28                        | 6° <b>)</b> 25′49                      |                       |
|                              | -870 Apr 23 j 14:22                        | $0$ ° $\mathbf{\Upsilon}$     |                    | morning max el                    | -869 Apr 09 j 05:00                        | 13° <b>)</b> 53′22                     | 25°56'36              |
| morning max el               | -870 Apr 27 j 13:39                        | 3° <b>Y</b> 18′55             | 24°24'04           |                                   | -869 Apr 21 j 22:49                        | $\mathbf{\gamma}_0$                    |                       |
|                              | -870 May 16 j 04:49                        | $9^{\circ}$ 8                 |                    | morning set                       | -869 May 07 j 04:40                        | 27° <b>Y</b> 58'50                     |                       |
| morning set                  | -870 May 22 j 17:04                        | 13° <b>8</b> 00'45            |                    |                                   | -869 May 08 j 03:35                        | $_{0\circ}$ 8                          |                       |
| asc. node                    | -870 May 22 j 17:50                        | 13° <b>8</b> 04'52            |                    | asc. node                         | -869 May 09 j 14:53                        | 3° <b>8</b> 08'55                      |                       |
|                              |  |                               |                    |                                   |  |  |                       |
| superior conj                | -870 May 29 j 17:40                        | 28° <b>8</b> 08'32            |                    | superior conj                     | -869 May 14 j 04:40                        | 13° <b>8</b> 07'24                     |                       |
| minimum elong                | -870 May 29 j 15:14                        |                               | 1°07'22            | minimum elong                     | -869 May 14 j 02:47                        | 12° <b>8</b> 57'03                     | 0°46'17               |
|                              | -870 May 30 j 14:17                        | $\Pi$ $^{\circ}0$             |                    | max. Earth dist.                  | -869 May 14 j 20:08                        | 14° <b>8</b> 32'02                     | 1.32588 AU            |
| max. Earth dist.             | -870 May 31 j 09:47                        |                               | 1.33159 AU         | evening rise                      | -869 May 21 j 05:43                        | 28° <b>8</b> 14'22                     |                       |
| evening rise                 | -870 Jun 06 j 01:24                        | 13° <b>∏</b> 35′08            |                    |                                   | -869 May 22 j 02:12                        | $\Pi$ $^{\circ}0$                      |                       |
|                              | -870 Jun 14 j 16:11                        | $0$ $\circ$ $\odot$           |                    |                                   | -869 Jun 07 j 23:33                        | 0ංම                                    |                       |
| desc. node                   | -870 Jul 01 j 23:49                        | 26°514'00                     |                    | desc. node                        | -869 Jun 18 j 20:51                        | 14°9500'48                             |                       |
|                              | -870 Jul 05 j 04:19                        | $0$ $^{\circ}\Omega$          |                    | evening max el                    | -869 Jun 21 j 07:59                        | 16°930'12                              | 27°04'13              |
| evening max el               | -870 Jul 09 j 02:12                        | 4° <b>Ω</b> 04'01             | 27°25'04           | retrograde                        | -869 Jul 05 j 06:23                        | 23°9548'27                             |                       |
| retrograde                   | -870 Jul 22 j 19:19                        | 11° <b>Ω</b> 24'10            |                    | evening set                       | -869 Jul 12 j 06:18                        | 21° <b>©</b> 35'36                     |                       |
| evening set                  | -870 Jul 30 j 00:16                        | 8° <b>Ω</b> 47'36             |                    | min. Earth dist.                  | -869 Jul 15 j 22:00                        |  | 0.61294 AU            |
| min. Earth dist.             | -870 Aug 02 j 14:21                        |                               | 0.63199 AU         | inferior conj                     | -869 Jul 19 j 02:33                        | 16° <b>©</b> 04'33                     |                       |
| inferior conj                | -870 Aug 05 j 08:03                        | 3° <b>Ω</b> 00′28             |                    | minimum elong                     | -869 Jul 19 j 06:00                        | 15° <b>©</b> 56'56                     | 4°23'24               |
| minimum elong                | -870 Aug 05 j 12:35                        | 2° <b>Ω</b> 49'11             | 3°47'47            | morning rise                      | -869 Jul 26 j 07:23                        | 11° <b>©</b> 12'21                     |                       |
|                              | -870 Aug 08 j 13:35                        | 30° <b>₹</b> 5                |                    | direct                            | -869 Jul 28 j 19:10                        | 10°9546'53                             |                       |
| morning rise                 | -870 Aug 12 j 02:00                        | 27° <b>©</b> 47'33            |                    | morning max el                    | -869 Aug 04 j 19:53                        | 14°9516'21                             | 18°00'28              |
| direct                       | -870 Aug 14 j 15:26                        | 27° <b>©</b> 16'27            |                    | asc. node                         | -869 Aug 05 j 14:05                        | 15°902'34                              |                       |
| asc. node                    | -870 Aug 18 j 17:02                        | 28°936'00                     |                    |                                   | -869 Aug 15 j 14:26                        | 0°N                                    |                       |
|                              | -870 Aug 20 j 12:34                        | 0°N                           | . = . =            | morning set                       | -869 Aug 20 j 18:38                        | 9° <b>Ω</b> 24'33                      |                       |
| morning max el               | -870 Aug 21 j 06:07                        |                               | 17°54'00           |                                   |  | 0                                      |                       |
| morning set                  | -870 Sep 06 j 19:01                        | 26° <b>Ω</b> 19'30            |                    | superior conj                     | -869 Aug 31 j 00:59                        | 27° <b>Ω</b> 59'07                     |                       |
|                              | -870 Sep 08 j 21:17                        | 0° <b>m</b>                   |                    | minimum elong                     | -869 Aug 31 j 05:24                        | 28° <b>Ω</b> 18'31                     | 1°26'54               |
|                              | 050 0 10:15.50                             | 1.60% 1.4122                  | 0050150            | P. 4 P.                           | -869 Sep 01 j 04:39                        | 0° m)                                  |                       |
| superior conj                | -870 Sep 18 j 15:58                        | 16° m 44'33                   |                    | max. Earth dist.                  | -869 Sep 07 j 13:36                        | -                                      | 1.42123 AU            |
| minimum elong                | -870 Sep 18 j 21:03                        | 17° Mp 05'44                  |                    | evening rise                      | -869 Sep 13 j 18:14                        | 20° m 53'01                            |                       |
| max. Earth dist.             | -870 Sep 25 j 03:05                        | •                             | 1.43681 AU         | desc. node                        | -869 Sep 14 j 20:10                        | 22° m/35'47                            |                       |
|                              | -870 Sep 26 j 19:05                        | 0° <b>⊽</b>                   |                    |                                   | -869 Sep 19 j 14:24                        | 0∘ <b>亚</b>                            |                       |
| desc. node                   | -870 Sep 27 j 23:09                        | 1° <b>£</b> 51'44             |                    |                                   | -869 Oct 10 j 17:10                        | 0°M                                    | 2201.410.4            |
| evening rise                 | -870 Oct 04 j 04:39                        | 11° <b>Ω</b> 37'21            |                    | evening max el                    | -869 Oct 16 j 09:16                        | 6°M29'39                               | 22°14'04              |
| . ,                          | -870 Oct 16 j 08:05                        | 0°M                           | 20050157           | retrograde                        | -869 Oct 25 j 20:38                        | 12°M07'42                              |                       |
| evening max el               | -870 Nov 02 j 14:37                        | 23°M01'25                     | 20°58'57           | evening set                       | -869 Oct 30 j 08:15                        | 10°M 19'54                             |                       |
| retrograde                   | -870 Nov 11 j 00:48                        | 28°M01'13                     |                    | asc. node                         | -869 Nov 01 j 13:17                        | 8°M07'40                               | 1902140               |
| asc. node                    | -870 Nov 14 j 16:16                        | 26°M45'48                     |                    | inferior conj                     | -869 Nov 04 j 16:25                        | 4° <b>ጤ</b> 01'44<br>4° <b>ጤ</b> 06'42 | 1°03'49               |
| evening set<br>inferior conj | -870 Nov 15 j 00:31                        | 26°M30'44<br>20°M19'11        | 1°52'42            | minimum elong<br>min. Earth dist. | -869 Nov 04 j 14:59<br>-869 Nov 04 j 16:22 | 4°M01'56                               | 1°03'13<br>0.67584 AU |
| minimum elong                | -870 Nov 20 j 09:43<br>-870 Nov 20 j 07:24 | 20°M27'07                     | 1°52'42<br>1°51'51 | IIIII. Eartii dist.               | -869 Nov 04 j 18:03                        | 4 IILU1 36<br>30°R <b>≏</b>            | 0.07384 AU            |
| min. Earth dist.             | -870 Nov 20 j 07:24<br>-870 Nov 20 j 20:26 | 19°M42'25                     | 0.67288 AU         | morning rise                      |  | 30 K==<br>27° <b>£</b> 49'05           |                       |
| morning rise                 | -870 Nov 25 j 14:06                        | 14°M05'18                     | 0.07288 AU         | direct                            | -869 Nov 09 j 21:34<br>-869 Nov 14 j 14:04 | 27 <b>=</b> 4903<br>25° <b>£</b> 52'30 |                       |
| direct                       | -870 Nov 30 j 21:39                        | 11°M46'40                     |                    | direct                            | -869 Nov 22 j 13:13                        | 25 <b>=</b> 52 50<br>0° <b>M</b>       |                       |
| morning max el               | -870 Dec 11 j 17:22                        | 18°M13'57                     | 22055122           | morning max el                    | -869 Nov 24 j 04:14                        | 1°ML33'48                              | 2202811               |
| morning max er               |  | 18 IIC133/<br>0° <b>⊼</b> 1   | 25 33 32           | desc. node                        |  | 24°M25'18                              | 22 28 11              |
| desc. node                   | -870 Dec 21 j 14:27                        | 4° <b>∡</b> ³31'38            |                    | desc. node                        | -869 Dec 11 j 19:27<br>-869 Dec 15 j 13:58 | 0° <b>%</b>                            |                       |
| desc. node                   | -870 Dec 24 j 22:26                        | 4 x·3138                      |                    | marning sat                       |  | 0 <b>x</b> .<br>19° <b>∡</b> 705'41    |                       |
| morning set                  | -869 Jan 10 j 18:31<br>-869 Jan 16 j 07:08 | 0 3<br>9° <b>る</b> 14'20      |                    | morning set<br>max. Earth dist.   | -869 Dec 27 j 19:10<br>-868 Jan 02 j 00:25 | 27° <b>×</b> 45'52                     | 1.40592 AU            |
| •                            | -  | 9 81420<br>16° <b>8</b> 00'29 | 1.38479 AU         | max. Earth dist.                  |  | 27 <b>メ</b> ・43 32                     | 1.40392 AU            |
| max. Earth dist.             | -869 Jan 20 j 04:11                        | 16 300 29                     | 1.36479 AU         |                                   | -868 Jan 03 j 07:56                        | 0.0                                    |                       |
| gunariar aga:                | 960 Ion 27: 10:10                          | 200~220127                    | 1950126            | gunorior co-:                     | 969 Ion 00:10:45                           | 110=202120                             | 1050157               |
| superior conj                | -869 Jan 27 j 10:19                        | 29°る20'27                     |                    | superior conj                     | -868 Jan 09 j 19:45                        | 11° <b>る</b> 23'39                     |                       |
| minimum elong                | -869 Jan 27 j 13:31                        | 29° <b>る</b> 35'37            | 1 30 14            | minimum elong                     | -868 Jan 09 j 20:44                        | 11° <b>る</b> 28'06                     | 1 3930                |
| <del>-</del>                 | -869 Jan 27 j 18:39                        | 0°≈<br>16°≈ •44!20            |                    | evening rise                      | -868 Jan 19 j 20:42                        | 0°≈00'12                               |                       |
| evening rise                 | -869 Feb 05 j 09:16                        | 16°≈44'29                     |                    | aaa m-J-                          | -868 Jan 19 j 20:40                        | 0°≈<br>15°2242!24                      |                       |
| asc. node                    | -869 Feb 10 j 15:36                        | 26°≈49'21                     |                    | asc. node                         | -868 Jan 28 j 12:37                        | 15°≈42'34                              | 10020111              |
| ovenie 1                     | -869 Feb 12 j 09:49                        | 0° <b>)</b> (                 | 10053117           | evening max el                    | -868 Feb 05 j 02:50                        | 26°≈01'53                              | 18°20'11              |
| evening max el               | -869 Feb 21 j 21:03                        | 13° <b>¥</b> 20'45            | 18°52'16           | retrograde                        | -868 Feb 12 j 08:21                        | 29°≈36'52                              |                       |
| retrograde                   | -869 Mar 02 j 03:44                        | 17° <b>)</b> 20'41            |                    | evening set                       | -868 Feb 14 j 21:07                        | 29°≈11'39                              | 2022105               |
| evening set                  | -869 Mar 04 j 11:34                        | 17° <b>₩</b> 03'00            |                    | inferior conj                     | -868 Feb 22 j 01:02                        | 24° <b>≈</b> 32'52                     | 3~32'05               |
|                              |  |                               |                    |                                   |  |  |                       |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 18 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomic | cal year style is used: Th                 | ne year -900 in                          | astronomical coun | ting style is the year 9 | 01 BCE in historical cou                   | nting style.                               | ,           |
|-----------------------|--|--|-------------------|--------------------------|--|--|-------------|
| minimum elong         | -868 Feb 22 j 04:00                        | 24° <b>≈</b> 26′36                       | 3°31'39           | retrograde               | -867 Jan 25 j 05:13                        | 12° <b>≈</b> 29'35                         |             |
| min. Earth dist.      | -868 Feb 25 j 11:04                        | 21° <b>≈</b> 41′09                       | 0.59318 AU        | evening set              | -867 Jan 27 j 22:15                        | 11° <b>≈</b> 55'36                         |             |
| morning rise          | -868 Feb 29 j 08:35                        | 18° <b>≈</b> 59′29                       |                   | inferior conj            | -867 Feb 03 j 12:10                        | 6° <b>≈</b> 55'18                          | 3°52'04     |
| direct                | -868 Mar 06 j 17:31                        | 17° <b>≈</b> 10'48                       |                   | minimum elong            | -867 Feb 03 j 12:45                        | 6° <b>≈</b> 53'53                          | 3°52'02     |
| desc. node            | -868 Mar 08 j 18:38                        | 17° <b>≈</b> 21'44                       |                   | min. Earth dist.         | -867 Feb 06 j 14:05                        | 3° <b>≈</b> 56'51                          | 0.61402 AU  |
| morning max el        | -868 Mar 21 j 00:40                        | 24° <b>≈</b> 52'44                       | 27°06'03          | morning rise             | -867 Feb 10 j 01:54                        | 1° <b>≈</b> 05'34                          |             |
|                       | -868 Mar 25 j 17:45                        | 0° <b>∀</b>                              |                   |                          | -867 Feb 11 j 21:45                        | 30°೩ರ                                      |             |
|                       | -868 Apr 14 j 03:23                        | $0$ ° $\Upsilon$                         |                   | direct                   | -867 Feb 16 j 23:46                        | 28° <b>る</b> 42'37                         |             |
| morning set           | -868 Apr 20 j 14:12                        | 12° <b>Ƴ</b> 49'25                       |                   |                          | -867 Feb 22 j 08:29                        | 0° <b>≈</b>                                |             |
| asc. node             | -868 Apr 25 j 11:55                        | 23° <b>Y</b> 18′59                       |                   | desc. node               | -867 Feb 23 j 15:40                        | 0° <b>≈</b> 39'45                          |             |
|                       |  |  |                   | morning max el           | -867 Mar 03 j 02:34                        | 6° <b>≈</b> 31'08                          | 27°42'13    |
| superior conj         | -868 Apr 27 j 16:25                        | 28° <b>Y</b> ′06′23                      |                   |                          | -867 Mar 20 j 20:40                        | 0° <b>∀</b>                                |             |
| minimum elong         | -868 Apr 27 j 15:25                        | 28° <b>Y</b> ′00′50                      |                   | morning set              | -867 Apr 04 j 19:49                        | 27° <b>)</b> €25'44                        |             |
| max. Earth dist.      | -868 Apr 27 j 08:58                        |  | 1.32384 AU        |                          | -867 Apr 06 j 01:40                        | 0° <b>Υ</b>                                |             |
|                       | -868 Apr 28 j 13:08                        | 0° <b>8</b>                              |                   | max. Earth dist.         | -867 Apr 10 j 20:32                        | 10° <b>Υ</b> ′12'12                        | 1.32541 AU  |
| evening rise          | -868 May 04 j 14:32                        | 13° <b>8</b> 05'27                       |                   |                          |  |  |             |
|                       | -868 May 13 j 05:07                        | 0°II                                     |                   | superior conj            | -867 Apr 12 j 03:15                        | 12° <b>Y</b> 59′24                         |             |
| evening max el        | -868 Jun 02 j 07:40                        | 28° <b>Ⅱ</b> 12'54                       | 26°10'54          | minimum elong            | -867 Apr 12 j 03:22                        | 13° <b>Y</b> 00′01                         | 0°02'30     |
|                       | -868 Jun 04 j 07:13                        | 0°©                                      |                   | behind sun begin         | -867 Apr 11 j 22:20                        | 12° <b>Y</b> 32'34                         |             |
| desc. node            | -868 Jun 04 j 17:53                        | 0°522'14                                 |                   | behind sun end           | -867 Apr 12 j 08:24                        | 13° <b>Y</b> ′27′28                        |             |
| retrograde            | -868 Jun 16 j 08:58                        | 5° <b>©</b> 27'04                        |                   | asc. node                | -867 Apr 12 j 08:59                        | 13° <b>Y</b> 30′38                         |             |
| evening set           | -868 Jun 22 j 15:39                        | 3°950'02                                 |                   | evening rise             | -867 Apr 19 j 01:45                        | 28° <b>Y</b> ′00′54                        |             |
| min. Earth dist.      | -868 Jun 26 j 20:35                        |  | 0.59239 AU        |                          | -867 Apr 20 j 00:25                        | 0∘ <b>R</b>                                |             |
|                       | -868 Jun 28 j 10:22                        | 30°RⅡ                                    |                   |                          | -867 May 07 j 03:29                        | 0°II                                       |             |
| inferior conj         | -868 Jun 30 j 04:49                        | 28° <b>Ⅲ</b> 38'07                       |                   | evening max el           | -867 May 15 j 01:03                        | 9° <b>Ⅱ</b> 14'02                          | 24°51'10    |
| minimum elong         | -868 Jun 30 j 05:16                        | 28° <b>Ⅲ</b> 37'15                       | 4°39'34           | desc. node               | -867 May 22 j 14:53                        | 14° <b>Ⅱ</b> 45′26                         |             |
| morning rise          | -868 Jul 07 j 21:08                        | 24° <b>Ⅱ</b> 08'02                       |                   | retrograde               | -867 May 29 j 00:40                        | 16° <b>Ⅱ</b> 19'28                         |             |
| direct                | -868 Jul 10 j 09:14                        | 23° <b>I</b> I46'23                      |                   | evening set              | -867 Jun 03 j 02:13                        | 15° <b>Ⅱ</b> 21'04                         |             |
| morning max el        | -868 Jul 18 j 04:46                        | 27° <b>Ⅱ</b> 30'49                       | 18°26'41          | min. Earth dist.         | -867 Jun 08 j 12:42                        |  | 0.57294 AU  |
|                       | -868 Jul 20 j 12:09                        | 0°95                                     |                   | inferior conj            | -867 Jun 11 j 11:43                        | 10° <b>Ⅱ</b> 32'14                         |             |
| asc. node             | -868 Jul 22 j 11:07                        | 2°532'14                                 |                   | minimum elong            | -867 Jun 11 j 07:45                        | 10° <b>Ⅱ</b> 38'51                         | 4°24'07     |
| morning set           | -868 Aug 03 j 07:34                        | 23° <b>©</b> 08'55                       |                   | morning rise             | -867 Jun 19 j 16:04                        | 6° <b>Ⅱ</b> 23'02                          |             |
|                       | -868 Aug 06 j 21:14                        | $0$ ° $\Omega$                           |                   | direct                   | -867 Jun 22 j 05:42                        | 6°Ⅱ04'08                                   | 10012110    |
|                       | 0.00 4 10:00 00                            | 100 000110                               | 1040150           | morning max el           | -867 Jul 01 j 05:53                        | 10° <b>Ⅱ</b> 16'03                         | 19°13'40    |
| superior conj         | -868 Aug 12 j 09:32                        | 10° <b>Ω</b> 23'42                       |                   | asc. node                | -867 Jul 09 j 08:11                        | 20° <b>Ⅱ</b> 51'21                         |             |
| minimum elong         | -868 Aug 12 j 11:48                        | 10° <b>Ω</b> 34'09                       |                   |                          | -867 Jul 14 j 11:11                        | 0°95                                       |             |
| max. Earth dist.      | -868 Aug 19 j 19:01                        |  | 1.40217 AU        | morning set              | -867 Jul 18 j 06:00                        | 7° <b>5</b> 22'43                          |             |
|                       | -868 Aug 23 j 12:38                        | 0° <b>m)</b><br>1° <b>m)</b> 09'25       |                   |                          | 967 I1 26: 12:01                           | 2206-42105                                 | 1047141     |
| evening rise          | -868 Aug 24 j 05:16                        | -  |                   | superior conj            | -867 Jul 26 j 12:01                        | 23°543'05                                  |             |
| desc. node            | -868 Aug 31 j 17:11                        | 13° <b>™</b> 13'38<br>0° <b>⊆</b>        |                   | minimum elong            | -867 Jul 26 j 12:07                        | 23° <b>©</b> 43'36<br>0° <b>Ω</b>          | 1°47'42     |
|                       | -868 Sep 11 j 23:52                        |  | 23°34'08          | E4b 4i-4                 | -867 Jul 29 j 18:48                        | 5° <b>Ω</b> 49'12                          | 1 20215 ATT |
| evening max el        | -868 Sep 27 j 23:26                        |  | 23 34 08          | max. Earth dist.         | -867 Aug 01 j 22:06                        |  | 1.38215 AU  |
| retrograde            | -868 Oct 08 j 13:24                        | 26° <b>£</b> 15'03<br>24° <b>£</b> 08'53 |                   | evening rise             | -867 Aug 05 j 17:32<br>-867 Aug 16 j 05:03 | 12° <b>Ω</b> 38′00                         |             |
| evening set asc. node | -868 Oct 13 j 14:43<br>-868 Oct 18 j 10:19 | 18° <b>£</b> 32'13                       |                   | desc. node               | -867 Aug 18 j 14:14                        | 0° Mp<br>3° Mp 41'09                       |             |
| inferior conj         | -868 Oct 18 j 23:18                        | 16 <b>=</b> 32 13<br>17° <b>£</b> 47'51  | 0°11'12           | desc. Hode               | -867 Sep 07 j 01:59                        | 0∘ <b>ರ</b><br>೨ ⊪4109                     |             |
| minimum elong         | -868 Oct 18 j 23:18                        | 17 <b>⊆</b> 47 31<br>17° <b>⊆</b> 48'45  | 0°11'05           | evening max el           | -867 Sep 10 j 11:13                        | ა <del></del><br>3° <b>_</b> 34'35         | 24°52'32    |
| transit middle        | -868 Oct 18 j 23:02                        | 17 <b>=</b> 4845<br>17° <b>£</b> 48'45   | 0°11'05           | retrograde               | -867 Sep 22 j 02:11                        | 10° <b>£</b> 20′08                         | 24 32 32    |
| transit begin         | -868 Oct 18 j 21:03                        | 17 <b>2</b> 48 43 17° <b>2</b> 55'34     | V 11 UJ           | evening set              | -867 Sep 27 j 18:16                        | 7° <b>£</b> 56'14                          |             |
| transit end           | -868 Oct 19 j 01:01                        | 17° <b>⊆</b> 41'57                       |                   | min. Earth dist.         | -867 Oct 02 j 07:43                        | 2° <b>£</b> 45'20                          | 0.67232 AU  |
| min. Earth dist.      | -868 Oct 18 j 12:55                        | 17 <b>=</b> 41 37<br>18° <b>£</b> 23'22  | 0.67566 AU        | inferior conj            | -867 Oct 02 j 07:43                        | 2 <del>= 4</del> 3 20<br>1° <b>⊆</b> 36'01 |             |
| morning rise          | -868 Oct 24 j 07:16                        | 10 <b>—</b> 23 22<br>11° <b>—</b> 39'08  | 0.07500 AC        | minimum elong            | -867 Oct 03 j 05:45                        | 1° <b>≏</b> 32'28                          | 0°43'09     |
| direct                | -868 Oct 28 j 09:49                        | 10° <b>≏</b> 04'33                       |                   | minimum ciong            | -867 Oct 04 j 10:05                        | 30°RM)                                     | 0 43 07     |
| morning max el        | -868 Nov 05 j 20:48                        | 15° <b>≏</b> 01'27                       | 21°06'43          | asc. node                | -867 Oct 05 j 07:21                        | 28° <b>m</b> 53'50                         |             |
| morning max cr        | -868 Nov 17 j 16:54                        | 0°M                                      | 21 00 43          | morning rise             | -867 Oct 08 j 17:19                        | 25° My 34'02                               |             |
| desc. node            | -868 Nov 27 j 16:28                        | 14°M38'56                                |                   | direct                   | -867 Oct 12 j 07:37                        | 24° Mp 19'26                               |             |
| morning set           | -868 Dec 06 j 03:40                        | 27°M40'12                                |                   | morning max el           | -867 Oct 19 j 21:02                        | 28° <b>m</b> <sub>2</sub> 39'49            | 19°56'38    |
| morning set           | -868 Dec 07 j 15:13                        | 0° <b>√</b>                              |                   | morning max cr           | -867 Oct 21 j 03:14                        | 0∘ <b>⊽</b>                                | 17 30 30    |
| max. Earth dist.      | -868 Dec 14 j 03:35                        | 10° <b>∡</b> ¹27'31                      | 1.42524 AU        |                          | -867 Nov 11 j 05:42                        | 0° <b>™</b>                                |             |
| max. Darm dist.       | 000 Dec 17 J 05.55                         | 10 ^ 2/31                                | 1.72327 AU        | desc. node               | -867 Nov 14 j 13:31                        | 5°ML07'11                                  |             |
| superior conj         | -868 Dec 21 j 06:28                        | 22° <b>∡</b> ¹20'10                      | -1°56'51          | morning set              | -867 Nov 14 j 13.31<br>-867 Nov 15 j 00:28 | 5°M49'30                                   |             |
| minimum elong         | -868 Dec 21 j 03:19                        | 22° <b>x</b> 2010<br>22° <b>x</b> 06'47  |                   | max. Earth dist.         | -867 Nov 26 j 14:40                        | 24°ML00'14                                 | 1.44001 AU  |
| mmmum ciong           | -868 Dec 25 j 16:56                        | 22 <b>x</b> ・0647<br>0°る                 | 1 30 73           | man. Darui uist.         | -867 Nov 30 j 08:17                        | 24 IIC00 14<br>0° <b>√</b>                 | 1.TTUU1 AU  |
| evening rise          | -867 Jan 01 j 18:21                        | 0 8<br>12° <b>る</b> 33'28                |                   |                          | 50/110V 50 J 00.1/                         | · ^  |             |
| Cycling 1150          | -867 Jan 11 j 18:29                        | 0°≈                                      |                   | superior conj            | -867 Dec 01 j 14:24                        | 2° <b>∡</b> '02'01                         | -1°36'56    |
| asc. node             | -867 Jan 14 j 09:39                        | 0 ≈<br>3°≈59'12                          |                   | minimum elong            | -867 Dec 01 j 07:02                        |  | 1°36'19     |
| evening max el        | -867 Jan 18 j 13:26                        | 9°≈03'58                                 | 18°07'54          | evening rise             | -867 Dec 14 j 21:59                        | 24° <b>х</b> 16'54                         | 1 5017      |
| Creming max Cl        | 00/ Jun 10 J 13.20                         | / <del>~</del> ~03 38                    | 10 0/ 54          | evening 1150             | 001 DCC 14 J 21.39                         | 47 × 10 34                                 |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 19 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: T | he year -900 in     | astronomical cou | nting style is the year | 901 BCE in historical cou | inting style.       |            |
|---------------------|-----------------------------|---------------------|------------------|-------------------------|---------------------------|---------------------|------------|
|                     | -867 Dec 18 j 06:10         | 0°ರ                 |                  | asc. node               | -866 Dec 19 j 03:42       | 7° <b>る</b> 57'43   |            |
| asc. node           | -866 Jan 01 j 06:40         | 21° <b>る</b> 28'38  |                  | retrograde              | -866 Dec 23 j 05:59       | 9° <b>පි</b> 26'58  |            |
| evening max el      | -866 Jan 02 j 01:54         | 22° <b>る</b> 19'30  | 18°14'49         | evening set             | -866 Dec 26 j 08:21       | 8° <b>る</b> 32'43   |            |
| retrograde          | -866 Jan 08 j 13:51         | 25° <b>ප්</b> 48'57 |                  | inferior conj           | -865 Jan 01 j 03:53       | 2° <b>る</b> 54'18   | 3°29'33    |
| evening set         | -866 Jan 11 j 11:06         | 25° <b>る</b> 05'23  |                  | minimum elong           | -865 Jan 01 j 01:23       | 3° <b>ප</b> 01'48   | 3°29'06    |
| inferior conj       | -866 Jan 17 j 14:24         | 19° <b>ප්</b> 44'50 | 3°49'00          | min. Earth dist.        | -865 Jan 03 j 00:39       | 0° <b>る</b> 39'50   | 0.64908 AU |
| minimum elong       | -866 Jan 17 j 13:02         | 19° <b>ප්</b> 48'34 | 3°48'53          |                         | -865 Jan 03 j 14:20       | 30°₹ <b>҂</b> 7     |            |
| min. Earth dist.    | -866 Jan 20 j 02:23         | 17° <b>ට</b> 01'13  | 0.63317 AU       | morning rise            | -865 Jan 06 j 18:01       | 26° <b>₰</b> ⁴47'09 |            |
| morning rise        | -866 Jan 23 j 14:15         | 13° <b>る</b> 44'32  |                  | direct                  | -865 Jan 13 j 12:07       | 23° <b>≯</b> 54'53  |            |
| direct              | -866 Jan 30 j 14:21         | 10°る59'32           |                  |                         | -865 Jan 25 j 02:23       | 0° <b>ප</b>         |            |
| desc. node          | -866 Feb 10 j 12:42         | 16° <b>ප</b> 10'08  |                  | morning max el          | -865 Jan 26 j 19:22       | 1° <b>る</b> 38'22   | 27°06'44   |
| morning max el      | -866 Feb 13 j 09:42         | 18° <b>る</b> 49'30  | 27°41'31         | desc. node              | -865 Jan 28 j 09:47       | 3° <b>る</b> 17'39   |            |
|                     | -866 Feb 22 j 21:29         | 0° <b>≈</b>         |                  |                         | -865 Feb 17 j 00:34       | 0° <b>≈</b>         |            |
|                     | -866 Mar 13 j 17:26         | 0° <b>ℋ</b>         |                  | morning set             | -865 Mar 03 j 09:15       | 25° <b>≈</b> 22'30  |            |
| morning set         | -866 Mar 19 j 19:09         | 11° <b>)</b> 39′55  |                  |                         | -865 Mar 05 j 17:49       | 0° <b>∀</b>         |            |
| max. Earth dist.    | -866 Mar 25 j 02:50         | 22° <b>∺</b> 38'14  | 1.33080 AU       | max. Earth dist.        | -865 Mar 07 j 23:53       | 4° <b>¥</b> 32'14   | 1.34043 AU |
| superior conj       | -866 Mar 27 j 11:26         | 27° <b>)</b> 40′18  | -0°28'55         | superior conj           | -865 Mar 11 j 15:01       | 12° <b>)</b> €03'05 | -0°55'09   |
| minimum elong       | -866 Mar 27 j 12:48         | 27° <b>)</b> 47'39  | 0°28'37          | minimum elong           | -865 Mar 11 j 17:35       | 12° <b>升</b> 16′35  | 0°54'41    |
|                     | -866 Mar 28 j 13:23         | $0$ ° $\Upsilon$    |                  | asc. node               | -865 Mar 17 j 03:05       | 23° <b>)</b> 41′39  |            |
| asc. node           | -866 Mar 30 j 06:02         | 3° <b>Y</b> 39'30   |                  | evening rise            | -865 Mar 19 j 00:02       | 27° <b>)</b> 37′49  |            |
| evening rise        | -866 Apr 03 j 13:31         | 12° <b>Ƴ</b> 53'44  |                  |                         | -865 Mar 20 j 03:27       | $0^{\circ}\Upsilon$ |            |
|                     | -866 Apr 12 j 06:59         | $9^{\circ}$ 8       |                  |                         | -865 Apr 07 j 21:05       | $9^{\circ}$ 8       |            |
| evening max el      | -866 Apr 26 j 15:49         | 19° <b>8</b> 50'58  | 23°17'26         | evening max el          | -865 Apr 08 j 11:05       | 0° <b>8</b> 34'26   | 21°44'28   |
| desc. node          | -866 May 09 j 11:56         | 26° <b>8</b> 33'53  |                  | retrograde              | -865 Apr 20 j 20:50       | 6° <b>8</b> 37'06   |            |
| retrograde          | -866 May 10 j 04:05         | 26° <b>8</b> 34'54  |                  | evening set             | -865 Apr 23 j 10:04       | 6° <b>8</b> 22'28   |            |
| evening set         | -866 May 13 j 19:22         | 26° <b>8</b> 05'53  |                  | desc. node              | -865 Apr 26 j 08:57       | 5° <b>8</b> 32'00   |            |
| min. Earth dist.    | -866 May 21 j 01:51         | 22° <b>8</b> 48'24  | 0.55793 AU       | inferior conj           | -865 May 02 j 19:50       | 2° <b>8</b> 19'12   | -1°48'31   |
| inferior conj       | -866 May 22 j 22:46         | 21° <b>8</b> 42'19  | -3°27'34         | minimum elong           | -865 May 02 j 14:53       | 2° <b>8</b> 26'09   | 1°46'51    |
| minimum elong       | -866 May 22 j 15:50         | 21° <b>8</b> 52'34  | 3°25'51          | min. Earth dist.        | -865 May 02 j 15:02       | 2° <b>8</b> 25'56   | 0.55060 AU |
| morning rise        | -866 May 31 j 15:01         | 17° <b>8</b> 46'49  |                  |                         | -865 May 07 j 04:47       | 30° <b>₹Ƴ</b>       |            |
| direct              | -866 Jun 03 j 07:03         | 17° <b>8</b> 29'30  |                  | morning rise            | -865 May 11 j 20:41       | 28° <b>Y</b> 21′29  |            |
| morning max el      | -866 Jun 13 j 20:53         | 22° <b>8</b> 23'14  | 20°21'25         | direct                  | -865 May 14 j 19:19       | 28° <b>Y</b> 02′22  |            |
|                     | -866 Jun 20 j 06:22         | $\Pi$ $^{\circ}0$   |                  |                         | -865 May 21 j 22:00       | $9^{\circ}$ 8       |            |
| asc. node           | -866 Jun 26 j 05:16         | 9° <b>Ⅱ</b> 47'43   |                  | morning max el          | -865 May 27 j 00:58       | 3° <b>8</b> 48'34   | 21°47'35   |
| morning set         | -866 Jul 02 j 10:53         | 21° <b>Ⅱ</b> 57'12  |                  | asc. node               | -865 Jun 13 j 02:22       | 29° <b>8</b> 12'18  |            |
|                     | -866 Jul 06 j 08:54         | 0ංම                 |                  |                         | -865 Jun 13 j 12:02       | $\Pi$ $^{\circ}0$   |            |
|                     |                             |                     |                  | morning set             | -865 Jun 16 j 20:00       | 6° <b>Ⅱ</b> 46'10   |            |
| superior conj       | -866 Jul 10 j 03:18         | 7° <b>5</b> 42'00   | 1°44'00          |                         |                           |                     |            |
| minimum elong       | -866 Jul 10 j 01:51         | 7° <b>©</b> 34'41   | 1°43'56          | superior conj           | -865 Jun 24 j 03:31       | 22° <b>∏</b> 09'05  |            |
| max. Earth dist.    | -866 Jul 15 j 03:51         | 17° <b>©</b> 38'20  | 1.36358 AU       | minimum elong           | -865 Jun 24 j 01:12       | 21° <b>∏</b> 57′02  | 1°33'32    |
| evening rise        | -866 Jul 19 j 03:50         | 25°©10'51           |                  | max. Earth dist.        | -865 Jun 27 j 17:36       | 29° <b>Ⅱ</b> 33'02  | 1.34819 AU |
|                     | -866 Jul 21 j 19:39         | $0^{\circ}\Omega$   |                  |                         | -865 Jun 27 j 22:55       | 0                   |            |
| desc. node          | -866 Aug 05 j 11:16         | 23° <b>Ω</b> 52'04  |                  | evening rise            | -865 Jul 02 j 07:16       | 8° <b>©</b> 35'32   |            |
|                     | -866 Aug 09 j 17:43         | 0° <b>m</b> y       |                  |                         | -865 Jul 14 j 08:49       | $0^{\circ}\Omega$   |            |
| evening max el      | -866 Aug 23 j 22:31         | 17° <b>m</b> 09'55  | 26°01'53         | desc. node              | -865 Jul 23 j 08:17       | 13° <b>Ω</b> 38'59  |            |
| retrograde          | -866 Sep 05 j 10:25         | 24° Mp 17'00        |                  |                         | -865 Aug 05 j 17:29       | 0°Щ                 |            |
| evening set         | -866 Sep 11 j 16:58         | 21° m/38'40         |                  | evening max el          | -865 Aug 06 j 10:13       | 0° m 40'55          | 26°54'17   |
| min. Earth dist.    | -866 Sep 15 j 22:22         | 17° <b>m</b> 04'24  | 0.66562 AU       | retrograde              | -865 Aug 19 j 13:33       | 7° <b>m</b> ,59'01  |            |
| inferior conj       | -866 Sep 17 j 06:43         | 15° <b>m</b> 23'00  |                  | evening set             | -865 Aug 26 j 08:32       | 5° Mp 13′03         |            |
| minimum elong       | -866 Sep 17 j 09:12         | 15° <b>m</b> 15'16  | 1°38'03          | min. Earth dist.        | -865 Aug 30 j 06:37       | 1° Mp 16'06         | 0.65539 AU |
| asc. node           | -866 Sep 22 j 04:25         | 10° <b>m</b> 07'06  |                  |                         | -865 Aug 31 j 08:51       | 30°R <b>Ω</b>       |            |
| morning rise        | -866 Sep 23 j 01:42         | 9° <b>m</b> 30'39   |                  | inferior conj           | -865 Sep 01 j 03:24       | 29° <b>Ω</b> 05'40  |            |
| direct              | -866 Sep 26 j 05:55         | 8° Mg 32′45         |                  | minimum elong           | -865 Sep 01 j 07:07       | 28° <b>Ω</b> 54'50  | 2°31'51    |
| morning max el      | -866 Oct 03 j 04:26         | 12° m/26'31         | 19°00'55         | morning rise            | -865 Sep 07 j 06:16       | 23° <b>Ω</b> 25'55  |            |
|                     | -866 Oct 16 j 00:11         | 0∘ <b>⊽</b>         |                  | asc. node               | -865 Sep 09 j 01:30       | 22° <b>Ω</b> 47'10  |            |
| morning set         | -866 Oct 25 j 09:55         | 14° <b>£</b> 42'44  |                  | direct                  | -865 Sep 10 j 02:46       | 22° <b>Ω</b> 41'02  |            |
| desc. node          | -866 Nov 01 j 10:35         | 25° <b>£</b> 45'00  |                  | morning max el          | -865 Sep 16 j 17:02       | 26° <b>Ω</b> 17'17  | 18°21'15   |
|                     | -866 Nov 04 j 03:34         | 0°M                 | 1 11022 :==      |                         | -865 Sep 19 j 21:31       | 0° m/y              |            |
| max. Earth dist.    | -866 Nov 09 j 06:57         | 8°M04'57            | 1.44833 AU       | morning set             | -865 Oct 05 j 22:22       | 24° m 56'55         |            |
|                     |                             |                     |                  |                         | -865 Oct 09 j 00:52       | 0∘ <b>⊽</b>         |            |
| superior conj       | -866 Nov 10 j 22:32         | 10°M40'59           |                  | desc. node              | -865 Oct 19 j 07:36       | 16° <b>≏</b> 28'35  |            |
| minimum elong       | -866 Nov 10 j 15:25         | 10°M12'54           | 0°58'28          |                         |                           |                     |            |
| _                   | -866 Nov 23 j 00:49         | 0° <b>∡</b>         |                  | superior conj           | -865 Oct 20 j 23:01       | 19° <b>Ω</b> 04'25  |            |
| evening rise        | -866 Nov 26 j 03:25         | 5° <b>∡</b> 02'49   |                  | minimum elong           | -865 Oct 20 j 21:37       | 18° <b>≏</b> 58'53  | 0°10'31    |
| _                   | -866 Dec 11 j 22:20         | 0° <b>ろ</b>         |                  | behind sun begin        | -865 Oct 20 j 12:59       | 18° <b>≏</b> 24'49  |            |
| evening max el      | -866 Dec 16 j 13:39         | 5° <b>る</b> 42'53   | 18°40'10         | behind sun end          | -865 Oct 21 j 06:14       | 19° <b>≏</b> 32'56  |            |
|                     |                             |                     |                  |                         |                           |                     |            |

| -                              | -  |   | •           | · · · · · · · · · · · · · · · · · · · | AG 18-Feb-2025 14<br>901 BCE in historical cou |  | ge 20      |
|--------------------------------|--|---|-------------|---------------------------------------|--|--|------------|
| max. Earth dist.               | -865 Oct 23 j 01:15                        | -   | 1.44943 AU  |                                       | -864 Sep 30 j 16:06                            | 0∘ <b>⊽</b>                                      |            |
|                                | -865 Oct 27 j 21:48                        | 0°M₊                                      |             | max. Earth dist.                      | -864 Oct 04 j 18:52                            | 6° <b>₽</b> 36'13                                | 1.44331 AU |
| evening rise                   | -865 Nov 06 j 08:48                        | 14°M48'57                                 |             | desc. node                            | -864 Oct 05 j 04:37                            | 7° <b>≙</b> 15'00                                |            |
|                                | -865 Nov 16 j 02:06                        | 0° <b>∡</b> ¹                             |             | evening rise                          | -864 Oct 15 j 19:32                            | 23° <b>≏</b> 51'15                               |            |
| greatest brilliancy            | -865 Nov 17 j 06:13                        | 1° <b>∡</b> ¹48'20                        | -0.8m       |                                       | -864 Oct 19 j 19:38                            | 0° <b>™</b>                                      |            |
| evening max el                 | -865 Nov 29 j 22:20                        | 19° <b>∡</b> 109'40                       | 19°22'38    |                                       | -864 Nov 09 j 17:28                            | 0° <b>₹</b>                                      | 20020112   |
| asc. node                      | -865 Dec 06 j 00:44                        | 23° 🖈 11'02                               |             | evening max el                        | -864 Nov 12 j 02:12                            | 2° <b>x</b> <sup>7</sup> 37'47                   | 20°20'12   |
| retrograde                     | -865 Dec 07 j 02:07                        | 23° 🖈 17'19                               |             | retrograde                            | -864 Nov 19 j 23:37                            | 7°×16'28   |            |
| evening set                    | -865 Dec 10 j 11:13                        | 22° <b>x</b> 10'39                        | 2°58'21     | asc. node                             | -864 Nov 21 j 21:47                            | 6° <b>₹</b> 55'18<br>5° <b>₹</b> 55'15           |            |
| inferior conj<br>minimum elong | -865 Dec 16 j 01:17<br>-865 Dec 15 j 22:24 | 16° <b>₹</b> 17'06<br>16° <b>₹</b> 126'22 | 2°57'35     | evening set<br>inferior conj          | -864 Nov 23 j 17:27<br>-864 Nov 29 j 03:57     | 29°M49'31  | 2°18'36    |
| min. Earth dist.               | -865 Dec 17 j 07:40                        | 10 <b>x</b> 2022<br>14° <b>x</b> 39'13    | 0.66127 AU  | minimum elong                         | -864 Nov 29 j 01:18                            |  | 2°17'42    |
| morning rise                   | -865 Dec 21 j 09:20                        | 10° <b>₹</b> 05'44                        | 0.00127 AC  | minimum clong                         | -864 Nov 29 j 00:51                            | 30°RM₁   | 2 1/ 42    |
| direct                         | -865 Dec 27 j 16:06                        | 7°×719'31                                 |             | min. Earth dist.                      | -864 Nov 29 j 21:27                            | 28°M50'33  | 0.66969 AU |
| morning max el                 | -864 Jan 09 j 04:45                        | 14° <b>×</b> <sup>7</sup> 43'42           | 26°04'51    | morning rise                          | -864 Dec 04 j 08:57                            | 23°M36'08  | 0.00707710 |
| desc. node                     | -864 Jan 15 j 06:49                        | 21° <b>х</b> 33'28                        | 20 0.01     | direct                                | -864 Dec 10 j 01:25                            | 21°M05'39  |            |
|                                | -864 Jan 21 j 17:45                        | 0°る                                       |             | morning max el                        | -864 Dec 21 j 13:07                            | 27°M56'18  | 24°45'19   |
|                                | -864 Feb 09 j 19:18                        | 0° <b>≈</b>                               |             |                                       | -864 Dec 23 j 12:10                            | 0° <b>⊼</b> ¹                                    |            |
| morning set                    | -864 Feb 14 j 09:52                        | 8° <b>≈</b> 19'47                         |             | desc. node                            | -863 Jan 01 j 03:51                            | 10° <b>∡</b> ³37'43                              |            |
| max. Earth dist.               | -864 Feb 18 j 08:54                        | 15° <b>≈</b> 50'33                        | 1.35463 AU  |                                       | -863 Jan 14 j 11:07                            | ರ°0  |            |
|                                | J  |   |             | morning set                           | -863 Jan 26 j 15:40                            | 20° <b>ප</b> 16'37                               |            |
| superior conj                  | -864 Feb 23 j 11:28                        | 25°≈59'20                                 | -1°19'50    | max. Earth dist.                      | -863 Jan 30 j 07:42                            | 26° <b>る</b> 52'57                               | 1.37302 AU |
| minimum elong                  | -864 Feb 23 j 14:57                        | 26° <b>≈</b> 16'59                        | 1°19'19     |                                       | -863 Feb 01 j 00:10                            | 0°≈  |            |
|                                | -864 Feb 25 j 10:35                        | 0° <b>∀</b>                               |             |                                       |  |  |            |
| evening rise                   | -864 Mar 02 j 07:16                        | 12° <b>)</b> €05'46                       |             | superior conj                         | -863 Feb 05 j 21:44                            | 9° <b>≈</b> 20'41                                | -1°40'56   |
| asc. node                      | -864 Mar 03 j 00:06                        | 13° <b>∺</b> 31'44                        |             | minimum elong                         | -863 Feb 06 j 01:23                            | 9° <b>≈</b> 38'29                                | 1°40'35    |
|                                | -864 Mar 11 j 18:17                        | $0^{\circ}\mathbf{\Upsilon}$              |             | evening rise                          | -863 Feb 14 j 09:03                            | 26° <b>≈</b> 11'30                               |            |
| evening max el                 | -864 Mar 20 j 16:10                        | 11° <b>Ƴ</b> 47'05                        | 20°23'18    |                                       | -863 Feb 16 j 07:09                            | 0° <b>)</b>                                      |            |
| retrograde                     | -864 Mar 31 j 10:25                        | 16° <b>Ƴ</b> 56'30                        |             | asc. node                             | -863 Feb 17 j 21:07                            | 3° <b>米</b> 04′50                                |            |
| evening set                    | -864 Apr 02 j 14:09                        | 16° <b>Ƴ</b> 44'57                        |             | evening max el                        | -863 Mar 03 j 08:19                            | 23° <b>)</b> ₹37'15                              | 19°19'46   |
| inferior conj                  | -864 Apr 11 j 15:31                        | 12° <b>Y</b> 47′10                        | 0°10'17     | retrograde                            | -863 Mar 12 j 10:08                            | 27° <b>¥</b> 58′20                               |            |
| minimum elong                  | -864 Apr 11 j 15:59                        | 12° <b>Y</b> 46′29                        | 0°10'07     | evening set                           | -863 Mar 14 j 15:35                            | 27° <b>) (</b> 43'47                             |            |
| transit middle                 | -864 Apr 11 j 15:59                        | 12° <b>Y</b> 46′29                        | 0°10'07     | inferior conj                         | -863 Mar 22 j 23:36                            | 23° <b>)</b> (35′28                              | 1°55'25    |
| transit begin                  | -864 Apr 11 j 12:52                        | 12° <b>Y</b> 51′03                        |             | minimum elong                         | -863 Mar 23 j 03:44                            | 23° <b>)</b> €28'37                              | 1°54'09    |
| transit end                    | -864 Apr 11 j 19:06                        | 12° <b>Y</b> 41'55                        |             | min. Earth dist.                      | -863 Mar 25 j 19:45                            | 21° <b>)</b> (43'16                              | 0.56393 AU |
| desc. node                     | -864 Apr 12 j 06:00                        | 12° <b>Y</b> 25'55<br>11° <b>Y</b> 52'22  | 0.55277 ATT | desc. node                            | -863 Mar 30 j 03:02                            | 19° <b>)</b> 19'44<br>18° <b>)</b> 45'31         |            |
| min. Earth dist.               | -864 Apr 13 j 04:57                        | 8° <b>Υ</b> 28'41                         | 0.55277 AU  | morning rise                          | -863 Mar 31 j 13:06                            | 18° <del>X</del> 45'31<br>17° <del>X</del> 54'03 |            |
| morning rise<br>direct         | -864 Apr 20 j 16:16<br>-864 Apr 24 j 07:50 | 8 1 2841<br>7° <b>Υ</b> 59'41             |             | direct<br>morning max el              | -863 Apr 05 j 06:51<br>-863 Apr 19 j 10:26     | 25° <b>H</b> 06'45                               | 25905!12   |
| morning max el                 | -864 May 07 j 19:48                        | 14° <b>Y</b> 36'17                        | 23°26'03    | morning max er                        | -863 Apr 23 j 23:12                            | 25 <b>γ</b> (0045                                | 23 03 12   |
| morning max ci                 | -864 May 19 j 18:38                        | 0° <b>8</b>                               | 23 20 03    |                                       | -863 May 12 j 13:07                            | %8<br>0°B  |            |
| asc. node                      | -864 May 29 j 23:25                        | 18° <b>8</b> 56'50                        |             | morning set                           | -863 May 15 j 19:24                            | 6° <b>8</b> 42'41                                |            |
| morning set                    | -864 May 31 j 07:24                        | 21° <b>8</b> 43'12                        |             | asc. node                             | -863 May 16 j 20:27                            | 8° <b>8</b> 55'19                                |            |
| morning sec                    | -864 Jun 04 j 04:38                        | 0°II                                      |             | use. Houe                             | 003 May 10 j 20.27                             | 0 00017  |            |
|                                | 00. <b>va</b> m 0.j050                     | ~ _                                       |             | superior conj                         | -863 May 22 j 19:26                            | 21° <b>8</b> 50'09                               | 0°59'10    |
| superior conj                  | -864 Jun 07 j 09:39                        | 6° <b>Ⅱ</b> 54'21                         | 1°18'26     | minimum elong                         | -863 May 22 j 17:11                            | 21° <b>8</b> 37'54                               | 0°58'46    |
| minimum elong                  | -864 Jun 07 j 07:07                        | 6° <b>Ⅱ</b> 40'46                         | 1°18'04     | max. Earth dist.                      | -863 May 24 j 00:38                            | 24° <b>8</b> 28'52                               | 1.32880 AU |
| max. Earth dist.               | -864 Jun 09 j 17:06                        | 11° <b>Ⅱ</b> 49'34                        | 1.33659 AU  |                                       | -863 May 26 j 14:12                            | 0°Щ  |            |
| evening rise                   | -864 Jun 14 j 23:10                        | 22° <b>II</b> 38'08                       |             | evening rise                          | -863 May 29 j 23:50                            | 7° <b>Ⅱ</b> 07'02                                |            |
|                                | -864 Jun 18 j 18:07                        | 0ංම                                       |             |                                       | -863 Jun 11 j 06:13                            | $0$ $\circ$ $\odot$                              |            |
|                                | -864 Jul 07 j 02:17                        | $0^{\circ}\Omega$                         |             | desc. node                            | -863 Jun 26 j 02:19                            | 21° <b>©</b> 15'40                               |            |
| desc. node                     | -864 Jul 09 j 05:18                        | 2° <b>Ω</b> 51'46                         |             | evening max el                        | -863 Jul 01 j 06:20                            | 26° <b>5</b> 346'31                              | 27°20'19   |
| evening max el                 | -864 Jul 18 j 21:35                        | 13° <b>Ω</b> 57'42                        | 27°22'25    |                                       | -863 Jul 05 j 00:47                            | $0$ $^{\circ}$ $\Omega$                          |            |
| retrograde                     | -864 Aug 01 j 10:58                        | 21° <b>Ω</b> 18'10                        |             | retrograde                            | -863 Jul 15 j 01:47                            | 4° <b>Ω</b> 05′08                                |            |
| evening set                    | -864 Aug 08 j 14:05                        | 18° <b>Ω</b> 34'51                        |             | evening set                           | -863 Jul 22 j 05:55                            | 1° <b>Ω</b> 37'18                                |            |
| min. Earth dist.               | -864 Aug 12 j 06:19                        |   | 0.64151 AU  |                                       | -863 Jul 24 j 09:02                            | 30°ષ્  |            |
| inferior conj                  | -864 Aug 14 j 16:20                        | 12° <b>Ω</b> 39'24                        |             | min. Earth dist.                      | -863 Jul 25 j 19:51                            | 28°543'45  | 0.62420 AU |
| minimum elong                  | -864 Aug 14 j 20:49                        | 12° <b>Ω</b> 27'28                        | 3°22'02     | inferior conj                         | -863 Jul 28 j 18:32                            | 25°\$56'53                                       |            |
| morning rise                   | -864 Aug 21 j 04:26                        | 7° <b>Ω</b> 15'29                         |             | minimum elong                         | -863 Jul 28 j 22:49                            | 25°5546'45                                       | 4~04'40    |
| direct                         | -864 Aug 23 j 19:44                        | 6° <b>Ω</b> 40'09                         |             | morning rise                          | -863 Aug 04 j 16:59                            | 20°552'12  |            |
| asc. node                      | -864 Aug 25 j 22:35                        | 7° <b>Ω</b> 03'10                         | 17050145    | direct                                | -863 Aug 07 j 05:33                            | 20°523'38  |            |
| morning max el                 | -864 Aug 30 j 08:16                        | 10° <b>Ω</b> 07'03                        | 17°58'45    | asc. node                             | -863 Aug 12 j 19:39                            | 22°546'19  | 17054122   |
| morning set                    | -864 Sep 12 j 18:42                        | 0°M)<br>6°M-20/5°                         |             | morning max el                        | -863 Aug 13 j 23:23                            | 23°549'19  | 1/~54'23   |
| morning set                    | -864 Sep 16 j 14:16                        | 6° Mp 30′58                               |             | morning sat                           | -863 Aug 18 j 22:08                            | 0° <b>Ω</b><br>19° <b>Ω</b> 07'42                |            |
| superior con:                  | 864 San 20: 12:50                          | 200 m 12120                               | 0°36'22     | morning set                           | -863 Aug 30 j 04:00                            | 19°3707'42<br>0° Mp                              |            |
| superior conj<br>minimum elong | -864 Sep 29 j 13:50<br>-864 Sep 29 j 17:44 | 28° Mp 13'30<br>28° Mp 29'21              | 0°35'51     |                                       | -863 Sep 05 j 06:38                            | עוו ט  |            |
| minimum ciong                  | 00+50p 27J17.44                            | 20 Hy 29 21                               | 0 00 01     |                                       |  |  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 21 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom             | ical year style is used: Tl                | ne year -900 in                        | astronomical cour | nting style is the year 9       | 001 BCE in historical cou                  | nting style.                       | ,           |
|---------------------------------|--|--|-------------------|---------------------------------|--|------------------------------------|-------------|
| superior conj                   | -863 Sep 10 j 07:09                        | 8°Mp41'18                              | 1°12'35           | minimum elong                   | -862 Aug 23 j 06:32                        | 20° <b>Ω</b> 44'27                 | 1°35'07     |
| minimum elong                   | -863 Sep 10 j 12:17                        | 9° <b>m</b> 03'08                      | 1°12'01           |                                 | -862 Aug 28 j 13:09                        | 0° <b>m</b>                        |             |
| max. Earth dist.                | -863 Sep 17 j 09:09                        | 20° <b>m</b> 28'59                     | 1.43077 AU        | max. Earth dist.                | -862 Aug 30 j 17:49                        | 3° <b>m</b> 44'07                  | 1.41343 AU  |
| desc. node                      | -863 Sep 22 j 01:38                        | 28° Mp 00'46                           |                   | evening rise                    | -862 Sep 05 j 00:20                        | 12° <b>m</b> 26'44                 |             |
|                                 | -863 Sep 23 j 07:49                        | 0∘ <b>⊽</b>                            |                   | desc. node                      | -862 Sep 08 j 22:40                        | 18° <b>m</b> 42'54                 |             |
| evening rise                    | -863 Sep 25 j 02:42                        | 2° <b>£</b> 48'07                      |                   |                                 | -862 Sep 16 j 07:28                        | 0∘ <b>⊽</b>                        |             |
|                                 | -863 Oct 13 j 07:56                        | 0°M₊                                   |                   | evening max el                  | -862 Oct 08 j 16:38                        | 29° <b>≏</b> 34'09                 | 22°47'47    |
| evening max el                  | -863 Oct 26 j 00:12                        | 16°M05'33                              | 21°29'59          |                                 | -862 Oct 09 j 03:00                        | 0°M₊                               |             |
| retrograde                      | -863 Nov 03 j 20:28                        | 21°M20'53                              |                   | retrograde                      | -862 Oct 18 j 15:11                        | 5° <b>M</b> 28′21                  |             |
| evening set                     | -863 Nov 08 j 01:08                        | 19°M43'04                              |                   | evening set                     | -862 Oct 23 j 08:32                        | 3°M32′29                           |             |
| asc. node                       | -863 Nov 08 j 18:50                        | 19°M05'19                              |                   | asc. node                       | -862 Oct 26 j 15:53                        | 29° <b>≏</b> 57'23                 |             |
| inferior conj                   | -863 Nov 13 j 09:43                        | 13°M28'23                              |                   |                                 | -862 Oct 26 j 15:04                        | 30° <b>₹</b> Ω                     | 0044151     |
| minimum elong                   | -863 Nov 13 j 07:44                        | 13°M35'12                              |                   | inferior conj                   | -862 Oct 28 j 16:42                        | 27° <b>2</b> 12′28                 |             |
| min. Earth dist.                | -863 Nov 13 j 15:42                        |  | 0.67457 AU        | minimum elong                   | -862 Oct 28 j 15:44                        | 27° <b>£</b> 15'49                 |             |
| morning rise                    | -863 Nov 18 j 14:11                        | 7°M15'01                               |                   | min. Earth dist.                | -862 Oct 28 j 12:08                        | 27° <b>£</b> 28'13                 | 0.67617 AU  |
| direct                          | -863 Nov 23 j 15:19                        | 5°M05'39                               | 22010100          | morning rise                    | -862 Nov 02 j 22:50                        | 21° <b>♀</b> 01'20                 |             |
| morning max el                  | -863 Dec 03 j 22:13                        | 11°M12'58                              | 23°18'09          | direct                          | -862 Nov 07 j 09:07                        | 19° <b>£</b> 14'31                 | 21052127    |
| 11-                             | -863 Dec 18 j 20:22                        | 0° 🔏 1.5150                            |                   | morning max el                  | -862 Nov 16 j 11:19                        | 24° <b>2</b> 36'12                 | 21°52′27    |
| desc. node                      | -863 Dec 19 j 00:53                        | 0° <b>メ</b> 15'59<br>0° <b>る</b>       |                   | daga mada                       | -862 Nov 21 j 05:42                        | 0°ጤ<br>20°ጤ18'50                   |             |
| morning set                     | -862 Jan 07 j 06:51                        | 0 3<br>0° <b>る</b> 56'16               |                   | desc. node                      | -862 Dec 05 j 21:55<br>-862 Dec 12 j 07:46 | 20 IIL18 30<br>0° <b>√</b>         |             |
| morning set<br>max. Earth dist. | -862 Jan 07 j 20:18<br>-862 Jan 12 j 03:02 |  | 1.39386 AU        | mamina aat                      | -862 Dec 12 j 07.46                        | 0 <b>x</b> .<br>10° <b>∡</b> 11'48 |             |
| max. Earm dist.                 | -802 Jan 12 J 03.02                        | 8 01437                                | 1.39380 AU        | morning set<br>max. Earth dist. | -862 Dec 18 j 19.49<br>-862 Dec 25 j 02:00 |                                    | 1.41451 AU  |
| superior conj                   | -862 Jan 19 j 17:38                        | 21° <b>る</b> 55'43                     | 1055111           | max. Earth dist.                | -862 Dec 23 j 02:00<br>-862 Dec 30 j 17:33 | 20 x·24 13<br>0°る                  | 1.41431 AU  |
| minimum elong                   | -862 Jan 19 j 17.38                        | 21 <b>3</b> 3343<br>22° <b>る</b> 07'20 |                   |                                 | -802 Dec 30 j 17.33                        | 0.0                                |             |
| minimum clong                   | -862 Jan 24 j 00:28                        | 0°≈                                    | 1 33 37           | superior conj                   | -861 Jan 01 j 18:00                        | 3° <b>る</b> 31'27                  | 2°00'27     |
| evening rise                    | -862 Jan 29 j 02:37                        | 0 ∞<br>9°≈47'40                        |                   | minimum elong                   | -861 Jan 01 j 17:26                        | 3°る3127                            |             |
| asc. node                       | -862 Feb 04 j 18:09                        | 22°≈14'46                              |                   | evening rise                    | -861 Jan 12 j 08:41                        | 22° <b>る</b> 46'20                 | 2 00 20     |
| asc. node                       | -862 Feb 09 j 12:02                        | 0° <b>)</b> €                          |                   | evening rise                    | -861 Jan 16 j 07:03                        | 0° <b>≈</b>                        |             |
| evening max el                  | -862 Feb 14 j 09:50                        | 6° <b>)</b> €01'40                     | 18°36'07          | asc. node                       | -861 Jan 22 j 15:11                        | 10° <b>≈</b> 53'39                 |             |
| retrograde                      | -862 Feb 22 j 04:19                        | 9° <b>)</b> 49'09                      | 10 3007           | evening max el                  | -861 Jan 28 j 17:57                        | 18° <b>≈</b> 52'13                 | 18°12'34    |
| evening set                     | -862 Feb 24 j 14:22                        | 9° <b>)</b> €28'24                     |                   | retrograde                      | -861 Feb 04 j 16:33                        | 22°≈21'56                          | 10 120.     |
| inferior conj                   | -862 Mar 04 j 03:49                        | 5° <b>)</b> €01'17                     | 3°07'02           | evening set                     | -861 Feb 07 j 07:02                        | 21°≈53'13                          |             |
| minimum elong                   | -862 Mar 04 j 07:53                        |  | 3°06'10           | inferior conj                   | -861 Feb 14 i 04:33                        | 17° <b>≈</b> 05'08                 | 3°43'55     |
| min. Earth dist.                | -862 Mar 07 j 13:11                        |  | 0.58146 AU        | minimum elong                   | -861 Feb 14 j 06:30                        | 17° <b>≈</b> 00'44                 | 3°43'43     |
|                                 | -862 Mar 11 j 07:50                        | 30°R≈                                  |                   | min. Earth dist.                | -861 Feb 17 j 12:09                        | 14° <b>≈</b> 07'28                 | 0.60200 AU  |
| morning rise                    | -862 Mar 11 j 22:44                        | 29° <b>≈</b> 41'14                     |                   | morning rise                    | -861 Feb 21 j 04:03                        | 11° <b>≈</b> 23'33                 |             |
| desc. node                      | -862 Mar 17 j 00:03                        | 28°≈16'48                              |                   | direct                          | -861 Feb 27 j 19:36                        | 9° <b>≈</b> 19'20                  |             |
| direct                          | -862 Mar 17 j 19:08                        | 28°≈15'12                              |                   | desc. node                      | -861 Mar 03 j 21:05                        | 10° <b>≈</b> 02'49                 |             |
|                                 | -862 Mar 24 j 09:43                        | 0° <b>)</b> €                          |                   | morning max el                  | -861 Mar 14 j 01:44                        | 17° <b>≈</b> 05'24                 | 27°26'02    |
| morning max el                  | -862 Apr 01 j 03:12                        | 5° <b>){</b> 49′23                     | 26°29'47          |                                 | -861 Mar 24 j 18:27                        | 0° <b>)</b>                        |             |
|                                 | -862 Apr 18 j 22:25                        | $0^{\circ}$ Y                          |                   |                                 | -861 Apr 11 j 10:33                        | $0^{\circ}\Upsilon$                |             |
| morning set                     | -862 Apr 30 j 06:24                        | 21° <b>Y</b> ′39′08                    |                   | morning set                     | -861 Apr 14 j 14:32                        | 6° <b>Y</b> 25'06                  |             |
| asc. node                       | -862 May 03 j 17:29                        | 29° <b>Y</b> 02'53                     |                   | asc. node                       | -861 Apr 20 j 14:30                        | 19° <b>Ƴ</b> 14'17                 |             |
|                                 | -862 May 04 j 04:00                        | $9^{\circ}$ 8                          |                   | max. Earth dist.                | -861 Apr 21 j 01:34                        | 20° <b>Y</b> 14'46                 | 1.32401 AU  |
|                                 |  |  |                   |                                 |  |                                    |             |
| superior conj                   | -862 May 07 j 06:59                        | 6° <b>8</b> 50'18                      |                   | superior conj                   | -861 Apr 21 j 18:33                        | 21° <b>Y</b> '47'45                | 0°12'21     |
| minimum elong                   | -862 May 07 j 05:26                        | 6° <b>8</b> 41'46                      |                   | minimum elong                   | -861 Apr 21 j 18:00                        | 21° <b>Y</b> 44'41                 | 0°12'14     |
| max. Earth dist.                | -862 May 07 j 12:46                        | 7° <b>8</b> 22'00                      | 1.32462 AU        | behind sun begin                | -861 Apr 21 j 14:47                        | 21° <b>Y</b> ′27'07                |             |
| evening rise                    | -862 May 14 j 06:23                        | 21° <b>8</b> 52'55                     |                   | behind sun end                  | -861 Apr 21 j 21:12                        | 22° <b>Υ</b> '02'16                |             |
|                                 | -862 May 18 j 06:21                        | 0°Щ                                    |                   |                                 | -861 Apr 25 j 12:34                        | 0°8                                |             |
|                                 | -862 Jun 05 j 12:58                        | 0°€                                    |                   | evening rise                    | -861 Apr 28 j 16:27                        | 6° <b>8</b> 46'49                  |             |
| desc. node                      | -862 Jun 12 j 23:20                        | 8° <b>©</b> 30'19                      |                   |                                 | -861 May 10 j 21:47                        | 0°II                               |             |
| evening max el                  | -862 Jun 13 j 09:43                        | 8°955'20                               | 26°45'13          | evening max el                  | -861 May 26 j 06:17                        | 20° <b>Ⅱ</b> 18'41                 | 25°39'31    |
| retrograde                      | -862 Jun 27 j 09:13                        | 16°5511'42                             |                   | desc. node                      | -861 May 30 j 20:22                        | 24° <b>Ⅱ</b> 06'17                 |             |
| evening set                     | -862 Jul 04 j 03:41                        | 14°5012'46                             | 0.60421.433       | retrograde                      | -861 Jun 09 j 07:44                        | 27° <b>Ⅱ</b> 30'57                 |             |
| min. Earth dist.                | -862 Jul 07 j 23:12                        | 11°533'50                              | 0.60431 AU        | evening set                     | -861 Jun 15 j 03:23                        | 26° <b>Ⅱ</b> 10′24                 | 0.50201 177 |
| inferior conj                   | -862 Jul 11 j 06:37                        | 8°549'48                               |                   | min. Earth dist.                | -861 Jun 19 j 18:30                        | 23° <b>I</b> I28'01                | 0.58381 AU  |
| minimum elong                   | -862 Jul 11 j 09:02                        | 8°5544'46                              | 4°33'17           | inferior conj                   | -861 Jun 23 j 00:55                        | 21° <b>I</b> I07'32                |             |
| morning rise                    | -862 Jul 18 j 16:16                        | 4°507'06                               |                   | minimum elong                   | -861 Jun 22 j 23:34                        | 21° <b>Ⅱ</b> 09'59                 | 4°37'40     |
| direct                          | -862 Jul 21 j 04:09                        | 3°543'19                               | 10000111          | morning rise                    | -861 Jun 30 j 22:22                        | 16° <b>Ⅱ</b> 47'09                 |             |
| morning max el                  | -862 Jul 28 j 11:29                        | 7°517'18                               | 18°09'11          | direct                          | -861 Jul 03 j 10:57                        | 16° <b>Ⅱ</b> 26'54                 | 100///100   |
| asc. node                       | -862 Jul 30 j 16:42                        | 9°542'08                               |                   | morning max el                  | -861 Jul 11 j 17:31                        | 20° <b>Ⅱ</b> 21'10                 | 18°44'08    |
| morning set                     | -862 Aug 12 j 01:29                        | 0°Ω<br>2°Ω31'33                        |                   | asc. node                       | -861 Jul 17 j 13:45                        | 27° <b>∏</b> 34'34<br>0° <b>©</b>  |             |
| morning set                     | -862 Aug 13 j 09:53                        | 2° <b>Ω</b> 31'33                      |                   | morning set                     | -861 Jul 19 j 03:00                        | 0°ഇ<br>16° <b>ഇ</b> 29'27          |             |
| superior conj                   | -862 Aug 23 j 02:58                        | 20° <b>Ω</b> 28'26                     | 1°35'23           | morning set                     | -861 Jul 28 j 03:15<br>-861 Aug 04 j 02:06 | 16°929'27<br>0°Ω                   |             |
| superior conf                   | -002 Aug 23 J 02.38                        | 40 0640 40                             | 1 33 43           |                                 | -001 Aug 04 J 02.00                        | 006                                |             |

| ,                               | J  |  | •                    | //                               | 901 BCE in historical cou                  | , ,                               | 50 22                 |
|---------------------------------|--|--|----------------------|----------------------------------|--|-----------------------------------|-----------------------|
| superior conj                   | -861 Aug 05 j 19:52                        | 3° <b>Ω</b> 18'40                        |                      | gary a a a a yan                 | -860 Jun 19 j 18:43                        | 0° <b>I</b> I                     |                       |
| minimum elong                   | -861 Aug 05 j 21:10                        | 3° <b>Ω</b> 24'46                        | 1°46'04              | morning max el                   | -860 Jun 23 j 14:36                        | 2° <b>Ⅱ</b> 51'27                 | 19°39'55              |
| max. Earth dist.                | -861 Aug 12 j 21:15                        | 16° <b>Ω</b> 13'38                       | 1.39361 AU           | asc. node                        | -860 Jul 03 j 10:49                        | 16° <b>Ⅱ</b> 10'51                |                       |
| evening rise                    | -861 Aug 16 j 22:10                        | 23° <b>Ω</b> 13'49                       |                      |                                  | -860 Jul 10 j 18:13                        | 0ංම                               |                       |
|                                 | -861 Aug 20 j 23:39                        | 0° <b>m</b>                              |                      | morning set                      | -860 Jul 11 j 04:43                        | 0° <b>©</b> 52'39                 |                       |
| desc. node                      | -861 Aug 26 j 19:43                        | 9° <b>m</b> ,17′03                       |                      |                                  |  |                                   |                       |
|                                 | -861 Sep 10 j 04:19                        | 0∘ <b>⊽</b>                              |                      | superior conj                    | -860 Jul 19 j 04:18                        | 16°956'16                         | 1°47'02               |
| evening max el                  | -861 Sep 21 j 05:20                        | 13° <b>≙</b> 05'52                       | 24°08'04             | minimum elong                    | -860 Jul 19 j 03:40                        | 16° <b>©</b> 53'06                |                       |
| retrograde                      | -861 Oct 02 j 06:34                        | 19° <b>≙</b> 35'30                       |                      | max. Earth dist.                 | -860 Jul 25 j 00:21                        | 28°510'27                         | 1.37399 AU            |
| evening set                     | -861 Oct 07 j 14:01                        | 17° <b>£</b> 21'32                       | 0011150              |                                  | -860 Jul 25 j 23:56                        | 0° <b>Ω</b>                       |                       |
| inferior conj                   | -861 Oct 12 j 23:11                        | 11° <b>Ω</b> 00'05                       |                      | evening rise                     | -860 Jul 28 j 20:23                        | 5° <b>Ω</b> 11'25                 |                       |
| minimum elong<br>transit middle | -861 Oct 12 j 23:28<br>-861 Oct 12 j 23:28 | 10° <b>♀</b> 59'07<br>10° <b>♀</b> 59'07 |                      | desc. node                       | -860 Aug 12 j 16:46<br>-860 Aug 12 j 22:33 | 29° <b>Ω</b> 38'12<br>0° <b>m</b> |                       |
| transit begin                   | -861 Oct 12 j 21:35                        | 10 <b>⊆</b> 3907<br>11° <b>⊆</b> 05'30   | 0 11 40              | evening max el                   | -860 Sep 02 j 16:47                        | 26° Mp 41'18                      | 25°23'43              |
| transit end                     | -861 Oct 13 j 01:21                        | 10° <b>⊆</b> 52'44                       |                      | evening max er                   | -860 Sep 06 j 10:31                        | 20 m/ +1 10<br>0° <b>೧</b>        | 23 23 43              |
| min. Earth dist.                | -861 Oct 12 j 08:19                        | 11° <b>⊆</b> 50′20                       | 0.67459 AU           | retrograde                       | -860 Sep 14 j 17:33                        | 3° <b>₽</b> 37'33                 |                       |
| asc. node                       | -861 Oct 13 j 12:55                        | 10° <b>≙</b> 13'46                       |                      | evening set                      | -860 Sep 20 j 15:45                        | 1° <b>≏</b> 07'12                 |                       |
| morning rise                    | -861 Oct 18 j 08:55                        | 4° <b>£</b> 53'47                        |                      | C                                | -860 Sep 21 j 20:17                        | 30°₽ <b>™</b>                     |                       |
| direct                          | -861 Oct 22 j 05:54                        | 3° <b>£</b> 28'13                        |                      | min. Earth dist.                 | -860 Sep 25 j 01:47                        | 26° Mp 11'23                      | 0.66985 AU            |
| morning max el                  | -861 Oct 30 j 07:09                        | 8° <b>≏</b> 08'56                        | 20°35'14             | inferior conj                    | -860 Sep 26 j 03:24                        | 24° Mp 48'22                      | -1°07'10              |
|                                 | -861 Nov 15 j 17:05                        | 0°M₊                                     |                      | minimum elong                    | -860 Sep 26 j 05:04                        | 24° <b>m</b> 42'58                | 1°06'28               |
| desc. node                      | -861 Nov 22 j 18:59                        | 10°M39'34                                |                      | asc. node                        | -860 Sep 29 j 10:00                        | 20° <b>m</b> 51'25                |                       |
| morning set                     | -861 Nov 27 j 20:32                        | 18°M27'26                                |                      | morning rise                     | -860 Oct 01 j 18:30                        | 18° <b>m</b> 49'49                |                       |
|                                 | -861 Dec 05 j 04:28                        | 0° <b>∡</b>                              |                      | direct                           | -860 Oct 05 j 04:13                        | 17° <b>m</b> 42'42                |                       |
| max. Earth dist.                | -861 Dec 07 j 08:11                        | 3° <b>∡</b> ¹27'41                       | 1.43213 AU           | morning max el                   | -860 Oct 12 j 10:30                        | 21° m 50'52                       | 19°30'56              |
|                                 | 06175 101177                               | 100 75040                                | 1050120              |                                  | -860 Oct 19 j 01:21                        | 0° <b>⊽</b>                       |                       |
| superior conj                   | -861 Dec 13 j 17:36                        | 13° <b>₹</b> 56'43                       |                      | morning set                      | -860 Nov 05 j 19:52                        | 26° <b>£</b> 47'23                |                       |
| minimum elong                   | -861 Dec 13 j 12:27<br>-861 Dec 23 j 02:58 | 13° <b>メ</b> 35'15<br>0°る                | 1°50′20              | desc. node                       | -860 Nov 07 j 21:27<br>-860 Nov 08 j 16:02 | 0° <b>ጤ</b><br>1° <b>ጤ</b> 12'22  |                       |
| evening rise                    | -861 Dec 25 j 23:15                        | 0 る<br>4°る59'40                          |                      | max. Earth dist.                 | -860 Nov 18 j 21:32                        |                                   | 1.44441 AU            |
| asc. node                       | -860 Jan 09 j 12:14                        | 28°る52'09                                |                      | max. Lartii dist.                | -000 NOV 10 J 21.32                        | 17 1161313                        | 1.44441 AO            |
| use. Hode                       | -860 Jan 10 j 09:54                        | 0°≈                                      |                      | superior conj                    | -860 Nov 22 j 14:23                        | 23°ML08'50                        | -1°22'57              |
| evening max el                  | -860 Jan 12 j 05:43                        | 2°≈01'14                                 | 18°08'37             | minimum elong                    | -860 Nov 22 j 06:19                        | 22°M36'38                         |                       |
| retrograde                      | -860 Jan 18 j 18:54                        | 5° <b>≈</b> 27'06                        |                      | Č                                | -860 Nov 26 j 20:28                        | 0° <b>∡</b> ¹                     |                       |
| evening set                     | -860 Jan 21 j 13:35                        | 4° <b>≈</b> 49'18                        |                      | evening rise                     | -860 Dec 06 j 17:50                        | 16° <b>∡</b> 18'59                |                       |
| inferior conj                   | -860 Jan 27 j 22:38                        | 29° <b>る</b> 40'29                       | 3°53'07              |                                  | -860 Dec 14 j 22:37                        | 0°ರ                               |                       |
| minimum elong                   | -860 Jan 27 j 22:18                        | 29° <b>る</b> 41'21                       | 3°53'07              | evening max el                   | -860 Dec 25 j 18:15                        | 15° <b>る</b> 21'00                | 18°23'29              |
|                                 | -860 Jan 27 j 15:00                        | 30°Ŗる                                    |                      | asc. node                        | -860 Dec 26 j 09:17                        | 15° <b>る</b> 57'49                |                       |
| min. Earth dist.                | -860 Jan 30 j 19:10                        |  | 0.62242 AU           | retrograde                       | -859 Jan 01 j 07:01                        | 18° <b>る</b> 55'06                |                       |
| morning rise                    | -860 Feb 03 j 05:54                        | 23°る45'33                                |                      | evening set                      | -859 Jan 04 j 06:21                        | 18°る07'07                         |                       |
| direct                          | -860 Feb 10 j 05:57                        | 21° <b>ට</b> 11'05                       |                      | inferior conj                    | -859 Jan 10 j 06:03                        | 12° <b>る</b> 38'53                | 3°42'22               |
| desc. node                      | -860 Feb 18 j 18:07<br>-860 Feb 24 j 06:10 | 24° <b>る</b> 21'39                       | 27947122             | minimum elong                    | -859 Jan 10 j 04:06<br>-859 Jan 12 j 11:38 | 12° <b>♂</b> 44'27                | 3°42'08<br>0.64044 AU |
| morning max el                  | -860 Feb 25 j 05:08                        | 29° <b>る</b> 01'56<br>0°≈                | 27-40-23             | min. Earth dist.<br>morning rise | -859 Jan 12 j 11:38<br>-859 Jan 16 j 01:18 | 10°පි06'18<br>6°පි35'34           | 0.64044 AU            |
|                                 | -860 Mar 17 j 14:44                        | 0° <b>∺</b>                              |                      | direct                           | -859 Jan 22 j 23:53                        | 3° <b>ප</b> 45'26                 |                       |
| morning set                     | -860 Mar 28 j 17:49                        | 20° <b>¥</b> 53′22                       |                      | desc. node                       | -859 Feb 04 j 15:11                        | 10° <b>පි</b> 36'56               |                       |
| morning sec                     | -860 Apr 02 j 02:46                        | 0°Υ                                      |                      | morning max el                   | -859 Feb 05 j 14:26                        | 11° <b>る</b> 33'34                | 27°30'28              |
| max. Earth dist.                | -860 Apr 03 j 11:12                        | 2° <b>Y</b> 53'36                        | 1.32714 AU           | Č                                | -859 Feb 20 j 06:46                        | 0° <b>≈</b>                       |                       |
|                                 |  |  |                      |                                  | -859 Mar 10 j 00:54                        | 0° <b>)</b> €                     |                       |
| superior conj                   | -860 Apr 05 j 04:30                        | 6° <b>Ƴ</b> 36'43                        | -0°13'39             | morning set                      | -859 Mar 12 j 13:35                        | 4° <b>)</b> 54'48                 |                       |
| minimum elong                   | -860 Apr 05 j 05:08                        | 6° <b>Ƴ</b> 40'11                        | 0°13'30              | max. Earth dist.                 | -859 Mar 17 j 13:44                        | 15° <b>)</b> €05'26               | 1.33434 AU            |
| behind sun begin                | -860 Apr 05 j 02:25                        | 6° <b>Y</b> 25′27                        |                      |                                  |  |                                   |                       |
| behind sun end                  | -860 Apr 05 j 07:51                        | 6° <b>Y</b> 54'56                        |                      | superior conj                    | -859 Mar 20 j 10:58                        | 21° <b>米</b> 10′32                |                       |
| asc. node                       | -860 Apr 06 j 11:34                        | 9° <b>Y</b> 25'31                        |                      | minimum elong                    | -859 Mar 20 j 12:51                        | 21° <b>H</b> 20'38                | 0°39'45               |
| evening rise                    | -860 Apr 12 j 04:07                        | 21° <b>Y</b> 41'57                       |                      | asc. node                        | -859 Mar 24 j 08:38                        | 29° <b>)</b> 32′00                |                       |
|                                 | -860 Apr 16 j 05:04<br>-860 May 05 j 19:00 | 0°H<br>0°S                               |                      | evening rise                     | -859 Mar 24 j 13:51<br>-859 Mar 27 j 15:32 | 0°Υ<br>6°Υ31'30                   |                       |
| evening max el                  | -860 May 06 j 21:52                        | 1° <b>I</b> I06'43                       | 24912111             | evening rise                     | -859 Apr 09 j 06:29                        | 0° <b>8</b>                       |                       |
| desc. node                      | -860 May 16 j 17:23                        | 7° <b>П</b> 27'51                        | ∠ <del>7</del> 1∠ 11 | evening max el                   | -859 Apr 18 j 13:51                        | 11° <b>8</b> 43'12                | 22°37'07              |
| retrograde                      | -860 May 20 j 18:44                        | 8° <b>I</b> 105'27                       |                      | retrograde                       | -859 May 01 j 16:39                        | 18° <b>8</b> 11'08                | 5/ 0/                 |
| evening set                     | -860 May 25 j 05:16                        | 7° <b>Ⅱ</b> 21'31                        |                      | desc. node                       | -859 May 03 j 14:22                        | 18° <b>8</b> 03'05                |                       |
| min. Earth dist.                | -860 May 31 j 09:17                        | 4° <b>Ⅱ</b> 20′03                        | 0.56581 AU           | evening set                      | -859 May 04 j 19:05                        | 17° <b>8</b> 50'03                |                       |
| inferior conj                   | -860 Jun 02 j 23:11                        | 2° <b>Ⅱ</b> 43′05                        |                      | min. Earth dist.                 | -859 May 12 j 22:17                        |                                   | 0.55372 AU            |
| minimum elong                   | -860 Jun 02 j 17:31                        | 2° <b>∏</b> 52′01                        | 4°05'00              | inferior conj                    | -859 May 14 j 03:07                        | 13° <b>8</b> 36'57                | -2°49'56              |
|                                 | -860 Jun 07 j 16:49                        | 30° <b>₹</b> 8                           |                      | minimum elong                    | -859 May 13 j 20:20                        | 13° <b>8</b> 46'37                | 2°47'57               |
| morning rise                    | -860 Jun 11 j 08:41                        | 28° <b>8</b> 40'49                       |                      | morning rise                     | -859 May 22 j 23:38                        | 9° <b>8</b> 42'30                 |                       |
| direct                          | -860 Jun 13 j 22:56                        | 28° <b>8</b> 22'55                       |                      | direct                           | -859 May 25 j 17:48                        | 9° <b>8</b> 24'55                 |                       |
|                                 |  |  |                      |                                  |  |                                   |                       |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 23 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom           | ical year style is used: Th                | ne year -900 in            | astronomical cou | nting style is the year 9         | 901 BCE in historical cou                  | inting style.   | 5           |
|-------------------------------|--|----------------------------|------------------|-----------------------------------|--|---|-------------|
| morning max el                | -859 Jun 06 j 00:46                        | 14° <b>8</b> 40'26         | 20°56'01         |                                   | -858 May 22 j 23:09                        | $9^{\circ}$ 8   |             |
|                               | -859 Jun 17 j 09:15                        | $\Pi^{\circ}0$             |                  | asc. node                         | -858 Jun 07 j 04:57                        | 24° <b>8</b> 54'21  |             |
| asc. node                     | -859 Jun 20 j 07:54                        | 5° <b>Ⅱ</b> 20'31          |                  | morning set                       | -858 Jun 09 j 21:59                        | 0°∏27'48  |             |
| morning set                   | -859 Jun 25 j 11:41                        | 15° <b>Ⅱ</b> 34'31         |                  |                                   | -858 Jun 09 j 16:39                        | $\Pi$ °0  |             |
|                               | -859 Jul 02 j 10:28                        | $0$ $\circ$ $\odot$        |                  |                                   |  |   |             |
|                               |  |                            |                  | superior conj                     | -858 Jun 17 j 02:49                        | 15° <b>∏</b> 44′20  |             |
| superior conj                 | -859 Jul 02 j 23:48                        | 1° <b>©</b> 08'34          |                  | minimum elong                     | -858 Jun 17 j 00:21                        | 15° <b>∏</b> 31'15  |             |
| minimum elong                 | -859 Jul 02 j 21:54                        | 0°958'50                   |                  | max. Earth dist.                  | -858 Jun 20 j 03:34                        |   | 1.34274 AU  |
| max. Earth dist.              | -859 Jul 07 j 09:23                        | 10° <b>©</b> 00'56         | 1.35664 AU       |                                   | -858 Jun 24 j 01:20                        | 0°€   |             |
| evening rise                  | -859 Jul 11 j 14:38                        | 18°9508'38                 |                  | evening rise                      | -858 Jun 24 j 23:50                        | 1°950'43  |             |
|                               | -859 Jul 18 j 04:36                        | $0$ ° $\Omega$             |                  |                                   | -858 Jul 11 j 02:41                        | 0°N   |             |
| desc. node                    | -859 Jul 30 j 13:46                        | 19° <b>Ω</b> 40'18         |                  | desc. node                        | -858 Jul 17 j 10:45                        | 9° <b>Ω</b> 14'21   |             |
|                               | -859 Aug 07 j 03:00                        | 0° <b>m</b>                |                  | evening max el                    | -858 Jul 29 j 16:14                        | 23° <b>Ω</b> 43'46  | 27°09'34    |
| evening max el                | -859 Aug 16 j 04:31                        | 10° m 17'12                | 26°26'45         |                                   | -858 Aug 07 j 08:42                        | 0° m/   |             |
| retrograde                    | -859 Aug 28 j 23:31                        | 17° m 29'22                |                  | retrograde                        | -858 Aug 12 j 00:03                        | 1° m 03'08  |             |
| evening set                   | -859 Sep 04 j 11:43                        | 14° Mp 47'04               | 0.66176.411      | . ,                               | -858 Aug 16 j 07:50                        | 30°R€   |             |
| min. Earth dist.              | -859 Sep 08 j 14:02                        | 8° m 34'41                 | 0.66176 AU       | evening set                       | -858 Aug 18 j 23:23                        | 28° <b>Ω</b> 16'41  | 0.65001 ATT |
| inferior conj                 | -859 Sep 10 j 03:27<br>-859 Sep 10 j 06:29 | 8° Mp 25'26                |                  | min. Earth dist.<br>inferior conj | -858 Aug 22 j 18:42                        | $24^{\circ} 0.35^{\circ} 32$<br>$22^{\circ} \Omega 14'16$ | 0.65001 AU  |
| minimum elong<br>morning rise | -859 Sep 10 j 00.29                        | 2° Mp 47'08                | 2 01 07          | minimum elong                     | -858 Aug 24 j 21:07                        | 22°Ω02'40   |             |
| asc. node                     | -859 Sep 16 j 07:04                        | 2°m/39'37                  |                  | morning rise                      | -858 Aug 25 j 01:15<br>-858 Aug 31 j 03:47 | 16° <b>Ω</b> 41'00  | 2 33 44     |
| direct                        | -859 Sep 10 j 07:04<br>-859 Sep 19 j 02:19 | 1° My 55'02                |                  | direct                            | -858 Sep 02 j 21:51                        | 16°Ω00'30   |             |
| morning max el                | -859 Sep 25 j 20:20                        | 5° Mp 40'01                | 18°41'58         | asc. node                         | -858 Sep 02 j 21:31<br>-858 Sep 03 j 04:08 | 16°Ω00'52   |             |
| morning max ci                | -859 Oct 12 j 18:14                        | 0∘ <b>⊽</b>                | 16 41 36         | morning max el                    | -858 Sep 09 j 10:25                        | 19° <b>Ω</b> 31'23  | 18°09'33    |
| morning set                   | -859 Oct 16 j 16:08                        | ° <b>⊆</b> 14'12           |                  | morning max er                    | -858 Sep 17 j 06:43                        | 0° m)   | 10 07 33    |
| desc. node                    | -859 Oct 26 j 13:06                        | 21° <b>⊆</b> 53'21         |                  | morning set                       | -858 Sep 27 j 16:45                        | 17° <b>m</b> ) 04'14                                      |             |
| dese. Hode                    | -859 Oct 31 j 16:44                        | 0°M                        |                  | morning set                       | -858 Oct 05 j 13:11                        | 0° <b>ت</b>   |             |
|                               | 057 Oct 31 j 10.11                         | 0 110                      |                  |                                   | 000 0 <b>01</b> 00 j 10.11                 | ٠ <b>-</b>  |             |
| superior conj                 | -859 Nov 01 j 16:35                        | 1°M33'47                   | -0°39'19         | superior conj                     | -858 Oct 11 j 20:43                        | 10° <b>≏</b> 09'52  | 0°10'12     |
| minimum elong                 | -859 Nov 01 j 11:29                        | 1°M13'42                   |                  | minimum elong                     | -858 Oct 11 j 21:59                        | 10° <b>Ω</b> 14'54  |             |
| max. Earth dist.              | -859 Nov 01 j 15:32                        | 1°M29'39                   |                  | behind sun begin                  | -858 Oct 11 j 13:22                        | 9° <b>≏</b> 40'31   |             |
| evening rise                  | -859 Nov 17 j 13:00                        | 26°M39'24                  |                  | behind sun end                    | -858 Oct 12 j 06:36                        | 10° <b>Ω</b> 49'14  |             |
| C                             | -859 Nov 19 j 15:09                        | 0° <b>∡</b> ¹              |                  | desc. node                        | -858 Oct 13 j 10:07                        | 12° <b>≏</b> 38'36  |             |
| evening max el                | -859 Dec 09 j 05:00                        | 28° <b>х</b> 46′30         | 18°56'11         | max. Earth dist.                  | -858 Oct 15 j 10:21                        | 15° <b>≏</b> 49'28  | 1.44774 AU  |
| -                             | -859 Dec 10 j 11:37                        | 8°0                        |                  |                                   | -858 Oct 24 j 11:32                        | 0°M   |             |
| asc. node                     | -859 Dec 13 j 06:19                        | 1° <b>る</b> 56'45          |                  | evening rise                      | -858 Oct 28 j 09:14                        | 6°M04'00  |             |
| retrograde                    | -859 Dec 16 j 01:11                        | 2° <b>る</b> 39'14          |                  | greatest brilliancy               | -858 Nov 10 j 04:37                        | 25°M43'49   | -0.7m       |
| evening set                   | -859 Dec 19 j 06:18                        | 1° <b>る</b> 39'44          |                  |                                   | -858 Nov 13 j 01:45                        | 0° <b>∡</b> ¹   |             |
|                               | -859 Dec 21 j 08:46                        | 30°₹ <b>҂</b> 7            |                  | evening max el                    | -858 Nov 22 j 11:45                        | 12° <b>х</b> 13′51  | 19°45'21    |
| inferior conj                 | -859 Dec 24 j 23:14                        | 25° <b>₹</b> 54'24         | 3°17'29          | retrograde                        | -858 Nov 29 j 22:18                        | 16° <b>₰</b> ³34'04                                       |             |
| minimum elong                 | -859 Dec 24 j 20:30                        | 26° <b>₹</b> 02'54         | 3°16'53          | asc. node                         | -858 Nov 30 j 03:20                        | 16° <b>₹</b> 33'49  |             |
| min. Earth dist.              | -859 Dec 26 j 13:38                        | 23° <b>₹</b> 55'16         | 0.65483 AU       | evening set                       | -858 Dec 03 j 10:53                        | 15° <b>₹</b> 21′20  |             |
| morning rise                  | -859 Dec 30 j 10:25                        | 19° <b>∡</b> ⁴45'24        |                  | inferior conj                     | -858 Dec 08 j 23:11                        | 9° <b>∡</b> 21'55   | 2°42'24     |
| direct                        | -858 Jan 06 j 00:14                        | 16° <b>≯</b> 54'31         |                  | minimum elong                     | -858 Dec 08 j 20:21                        | 9° <b>∡</b> 31'17<br>−                                    | 2°41'32     |
| morning max el                | -858 Jan 19 j 00:07                        | 24° <b>х</b> 30'29         | 26°43'08         | min. Earth dist.                  | -858 Dec 09 j 23:48                        | 8° <b>₰</b> 00'49   | 0.66530 AU  |
| desc. node                    | -858 Jan 22 j 12:16                        | 28° <b>₹</b> 16'17         |                  | morning rise                      | -858 Dec 14 j 05:36                        | 3° <b>₹</b> 09'23   |             |
|                               | -858 Jan 23 j 23:52                        | 5°0                        |                  | direct                            | -858 Dec 20 j 06:23                        | 0°×729'17   | 0.5000000   |
|                               | -858 Feb 13 j 16:35                        | 0°≈                        |                  | morning max el                    | -857 Jan 01 j 09:19                        | 7° 🖈 40'52  | 25°32'38    |
| morning set                   | -858 Feb 23 j 22:27                        | 18°≈19'09                  | 1 24500 411      | desc. node                        | -857 Jan 09 j 09:20<br>-857 Jan 18 j 20:41 | 16°♂55'00<br>0°る  |             |
| max. Earth dist.              | -858 Feb 28 j 05:57                        | 26°≈43'58                  | 1.34598 AU       |                                   | -  |   |             |
|                               | -858 Mar 01 j 20:54                        | 0° <b>)</b> €              |                  |                                   | -857 Feb 06 j 04:06                        | 0°≈<br>0°≈ •53119   |             |
| superior conj                 | -858 Mar 04 j 11:49                        | 5° <b>)</b> 22'38          | 1905!56          | morning set<br>max. Earth dist.   | -857 Feb 06 j 15:51<br>-857 Feb 10 j 10:32 | 0°≈53'18<br>7°≈54'14                                      | 1.36202 AU  |
| minimum elong                 | -858 Mar 04 j 11:49                        | 5° <b>\</b> 38'16          |                  | max. Earm dist.                   | -83/ Feb 10 j 10.32                        | / ≈34 14  | 1.30202 AU  |
| asc. node                     | -858 Mar 11 j 05:40                        | 19° <del>X</del> 29'27     | 1 03 23          | superior conj                     | -857 Feb 16 j 04:23                        | 19° <b>≈</b> 05'29  | 1020122     |
| evening rise                  | -858 Mar 12 j 00:54                        | 21° <b>H</b> 09'23         |                  | minimum elong                     | -857 Feb 16 j 04:23                        | 19 ≈03 29<br>19°≈23'50                                    |             |
| evening rise                  | -858 Mar 16 j 10:11                        | 0° <b>Υ</b>                |                  | minimum clong                     | -857 Feb 21 j 13:31                        | 0° <b>H</b>   | 1 20 34     |
| evening max el                | -858 Mar 31 j 12:45                        | 22° <b>Υ</b> 36'12         | 21°07'56         | evening rise                      | -857 Feb 24 j 06:09                        | 5° <b>¥</b> 29'22   |             |
| retrograde                    | -858 Apr 12 j 06:16                        | $28^{\circ}\Upsilon 16'40$ | 21 0/30          | asc. node                         | -857 Feb 24 j 00:09<br>-857 Feb 26 j 02:41 | 9° <b> ★</b> 13'23  |             |
| evening set                   | -858 Apr 14 j 13:50                        | 28° <b>Υ</b> 04'12         |                  |                                   | -857 Mar 10 j 07:25                        | 0° <b>Υ</b>   |             |
| desc. node                    | -858 Apr 20 j 11:24                        | 25° <b>Υ</b> 57'02         |                  | evening max el                    | -857 Mar 10 j 07:23                        | 4° <b>Υ</b> 04'41   | 19°53'52    |
| inferior conj                 | -858 Apr 23 j 21:36                        | 24° <b>Υ</b> 05'20         | -0°58'27         | retrograde                        | -857 Mar 23 j 23:14                        | 8° <b>Υ</b> 52'46   |             |
| minimum elong                 | -858 Apr 23 j 18:51                        | 24° <b>Υ</b> 09'14         | 0°57'27          | evening set                       | -857 Mar 26 j 02:42                        | 8° <b>Υ</b> 40'34   |             |
| min. Earth dist.              | -858 Apr 24 j 11:17                        | 23° <b>Υ</b> 46'01         | 0.55032 AU       | inferior conj                     | -857 Apr 03 j 21:13                        | 4° <b>Υ</b> 39'30   | 0°58'14     |
| morning rise                  | -858 May 02 j 23:49                        | 20° <b>Υ</b> 01'21         |                  | minimum elong                     | -857 Apr 03 j 23:41                        | 4° <b>Υ</b> 35'42   | 0°57'23     |
| direct                        | -858 May 06 j 04:24                        | 19° <b>Ƴ</b> 39'19         |                  | min. Earth dist.                  | -857 Apr 06 j 01:30                        | 3° <b>Y</b> 19′26   | 0.55646 AU  |
| morning max el                | -858 May 19 j 00:20                        | 25° <b>Ƴ</b> 47'23         | 22°28'44         | desc. node                        | -857 Apr 07 j 08:26                        | 2° <b>Υ</b> 34'00   |             |
| -                             | - •  |                            |                  |                                   | - *  |   |             |

| morning rise  | -857 Apr 12 j 18:26   | 0° <b>Υ</b> 08'08   |                                      | minimum elong  | 901 BCE in historical cou<br>-856 Mar 14 j 17:59   | 15° <b>)</b> € 35'05  | 2°29'04             |
|---|---|---|--------------------------------------|--|--|---|---------------------|
| 8   | -857 Apr 13 j 06:10   | 30° <b>₹</b>  |                                      | min. Earth dist.   | -856 Mar 17 j 17:32  | 13° <b>¥</b> 29'35  | 0.57077 AU          |
| direct  | -857 Apr 16 j 20:07   | 29° <b>)</b> €31'32   |                                      | morning rise   | -856 Mar 22 j 19:30  | 10° <b>)</b> 39′08  |                     |
|   | -857 Apr 20 j 09:13   | $0^{\circ}\mathbf{\Upsilon}$  |                                      | desc. node   | -856 Mar 24 j 05:29  | 10° <b>¥</b> 08'53  |                     |
| morning max el  | -857 Apr 30 j 16:52   | 6° <b>Y</b> 25'37   | 24°09'10                             | direct   | -856 Mar 28 j 01:02  | 9° <b>)</b> 33′54   |                     |
|   | -857 May 17 j 13:48   | $8^{\circ}$   |                                      | morning max el   | -856 Apr 11 j 07:50  | 16° <b>¥</b> 58'12  | 25°43'49            |
| morning set   | -857 May 25 j 09:51   | 15° <b>8</b> 26'56  |                                      | -  | -856 Apr 21 j 23:54  | $0^{\circ}\Upsilon$   |                     |
| asc. node   | -857 May 25 j 02:00   | 14° <b>8</b> 45'44  |                                      | morning set  | -856 May 08 j 21:36  | 0° <b>8</b> 25'24   |                     |
|   |   |   |                                      |  | -856 May 08 j 16:46  | $9^{\circ}$ 8   |                     |
| superior conj   | -857 Jun 01 j 10:47   | 0° <b>Ⅱ</b> 35'17   | 1°10'41                              | asc. node  | -856 May 10 j 23:02  | 4° <b>8</b> 48'23   |                     |
| minimum elong   | -857 Jun 01 j 08:19   | 0° <b>Ⅱ</b> 21'57   | 1°10'19                              |  |  |   |                     |
|   | -857 Jun 01 j 04:15   | $\Pi^{\circ}0$  |                                      | superior conj  | -856 May 15 j 21:32  | 15° <b>8</b> 33'34  | 0°50'02             |
| max. Earth dist.  | -857 Jun 03 j 06:44   | 4° <b>Ⅲ</b> 31'37   | 1.33275 AU                           | minimum elong  | -856 May 15 j 19:32  | 15° <b>8</b> 22'39  | 0°49'40             |
| evening rise  | -857 Jun 08 j 19:51   | 16° <b>Ⅱ</b> 05'44  |                                      | max. Earth dist.   | -856 May 16 j 16:24  | 17° <b>8</b> 16'37  | 1.32655 AU          |
|   | -857 Jun 16 j 01:50   | $0$ $\circ$ $\odot$   |                                      | evening rise   | -856 May 22 j 23:19  | 0° <b>Ⅱ</b> 42'35   |                     |
| desc. node  | -857 Jul 04 j 07:45   | 28° <b>©</b> 08'27  |                                      |  | -856 May 22 j 15:06  | $\Pi$ $^{\circ}0$   |                     |
|   | -857 Jul 05 j 19:53   | $0^{\circ}\Omega$   |                                      |  | -856 Jun 08 j 02:45  | 0ංම   |                     |
| evening max el  | -857 Jul 12 j 02:32   | 6° <b>Ω</b> 49'19   | 27°25'23                             | desc. node   | -856 Jun 20 j 04:46  | 16° <b>©</b> 05'39  |                     |
| retrograde  | -857 Jul 25 j 18:53   | 14° <b>Ω</b> 09'59  |                                      | evening max el   | -856 Jun 23 j 09:14  | 19° <b>5</b> 21'49  | 27°09'28            |
| evening set   | -857 Aug 01 j 23:36   | 11° <b>Ω</b> 31′09  |                                      | retrograde   | -856 Jul 07 j 07:03  | 26°9540'14  |                     |
| min. Earth dist.  | -857 Aug 05 j 14:03   | 8° <b>Ω</b> 22'56   | 0.63454 AU                           | evening set  | -856 Jul 14 j 08:20  | 24° <b>©</b> 23'11  |                     |
| inferior conj   | -857 Aug 08 j 05:50   | 5° <b>Ω</b> 41'41   | -3°42'30                             | min. Earth dist.   | -856 Jul 17 j 23:18  | 21° <b>©</b> 37'41  | 0.61588 AU          |
| minimum elong   | -857 Aug 08 j 10:24   | 5° <b>Ω</b> 30′07   | 3°41'21                              | inferior conj  | -856 Jul 21 j 02:27  | 18° <b>©</b> 49'35  |                     |
| morning rise  | -857 Aug 14 j 22:16   | 0° <b>Ω</b> 25'54   |                                      | minimum elong  | -856 Jul 21 j 06:11  | 18° <b>©</b> 41'11  | 4°19'06             |
|   | -857 Aug 16 j 09:12   | 30° <b>₹</b>  |                                      | morning rise   | -856 Jul 28 j 05:35  | 13° <b>©</b> 53'59  |                     |
| direct  | -857 Aug 17 j 12:04   | 29° <b>©</b> 53'52  |                                      | direct   | -856 Jul 30 j 17:28  | 13° <b>©</b> 27'48  |                     |
|   | -857 Aug 18 j 14:49   | $0^{\circ}\Omega$   |                                      | morning max el   | -856 Aug 06 j 16:13  | 16° <b>©</b> 56'11  | 17°58'17            |
| asc. node   | -857 Aug 21 j 01:12   | 0° <b>Ω</b> 55'26   |                                      | asc. node  | -856 Aug 06 j 22:15  | 17° <b>©</b> 11'06  |                     |
| morning max el  | -857 Aug 24 j 02:01   | 3° <b>Ω</b> 19'07   | 17°54'39                             |  | -856 Aug 15 j 22:08  | $0^{\circ}\Omega$   |                     |
| morning set   | -857 Sep 09 j 18:38   | 29° <b>Ω</b> 06'44  |                                      | morning set  | -856 Aug 22 j 15:54  | 12° <b>Ω</b> 05′10  |                     |
|   | -857 Sep 10 j 06:50   | 0° <b>m</b>   |                                      |  | -856 Sep 01 j 14:55  | 0° <b>m</b>   |                     |
| superior conj   | -857 Sep 21 j 22:13   | 19° <b>m</b> 51'10  | 0°53'20                              | superior conj  | -856 Sep 02 j 03:18  | 0° <b>m</b> 54'04   | 1°23'51             |
| minimum elong   | -857 Sep 22 j 03:08   | 20° Mp 11'28  | 0°52'43                              | minimum elong  | -856 Sep 02 j 07:59  | 1° <b>m</b> ) 14'24   | 1°23'25             |
| max. Earth dist.  | -857 Sep 28 j 02:30   | 29° <b>m</b> 55'10  | 1.43866 AU                           | max. Earth dist.   | -856 Sep 09 j 14:02  | 13° <b>m</b> 31'43  | 1.42380 AU          |
|   | -857 Sep 28 j 03:43   | 0∘ <b>ত</b>   |                                      | evening rise   | -856 Sep 16 j 03:32  | 24° <b>m</b> 07'33  |                     |
| desc. node  | -857 Sep 30 j 07:07   | 3° <b>£</b> 25′07   |                                      | desc. node   | -856 Sep 16 j 04:08  | 24° <b>m</b> 09'55  |                     |
| evening rise  | -857 Oct 07 j 16:05   | 14° <b>≏</b> 57'42  |                                      |  | -856 Sep 19 j 21:43  | 0∘ <b>ত</b>   |                     |
|   | -857 Oct 17 j 13:33   | 0° <b>M</b>   |                                      |  | -856 Oct 10 j 15:03  | 0° <b>M</b>   |                     |
| evening max el  | -857 Nov 05 j 13:02   | 25°M41'19   | 20°48'36                             | evening max el   | -856 Oct 18 j 08:37  | 9° <b>M</b> 09'53   | 22°02'28            |
|   | -857 Nov 11 j 04:20   | 0° <b>∡</b> ¹   |                                      | retrograde   | -856 Oct 27 j 15:59  | 14° <b>M</b> 41'55  |                     |
| retrograde  | -857 Nov 13 j 19:51   | 0° <b>∡</b> ³35'40  |                                      | evening set  | -856 Nov 01 j 01:43  | 12°M56'49   |                     |
|   | -857 Nov 16 j 08:06   | 30°RM₊  |                                      | asc. node  | -856 Nov 02 j 21:26  | 11° <b>M</b> .11'44   |                     |
| asc. node   | -857 Nov 17 j 00:23   | 29°M37'44   |                                      | inferior conj  | -856 Nov 06 j 09:58  | 6° <b>™</b> 39'32   | 1°11'32             |
| evening set   | -857 Nov 17 j 17:57   | 29°M07'43   |                                      | minimum elong  | -856 Nov 06 j 08:23  | 6° <b>ጤ</b> 45'01   | 1°10'52             |
| inferior conj   | -857 Nov 23 j 03:26   | 22°M57'35   | 1°59'44                              | min. Earth dist.   | -856 Nov 06 j 11:29  | 6° <b>ጤ</b> 34'17   | 0.67562 AU          |
| minimum elong   | -857 Nov 23 j 01:01   | 23°M05'50   | 1°58'51                              | morning rise   | -856 Nov 11 j 14:52  | 0°M26'36  |                     |
| min. Earth dist.  | -857 Nov 23 j 15:54   | 22°M15'00   | 0.67214 AU                           |  | -856 Nov 12 j 04:10  | 30° <b>₹</b> Ω  |                     |
| morning rise  | -857 Nov 28 j 07:54   | 16°M43'40   |                                      | direct   | -856 Nov 16 j 09:37  | 28° <b>≏</b> 26'34  |                     |
| direct  | -857 Dec 03 j 17:46   | 14°M21'47   |                                      |  | -856 Nov 21 j 01:59  | $0^{\circ}$ M   |                     |
| morning max el  | -857 Dec 14 j 17:46   | 20°M55'38   | 24°08'33                             |  | 05631 26:04.00   | 4° <b>ጤ</b> 14'30   | 22°40'58            |
|   | -03/ DCC 1+ j 1/.+0   | 20 1163338  | 24 00 33                             | morning max el   | -856 Nov 26 j 04:00  | . 110-11-50   |                     |
|   | -857 Dec 22 j 13:30   | 20 11€33 38<br>0° <b>⊼</b> 7  | 24 00 33                             | desc. node   | -856 Nov 26 j 04:00<br>-856 Dec 13 j 03:24   | 26°M05'17   |                     |
| desc. node  | ·   |   | 24 00 33                             | •  | ·  |   |                     |
| desc. node  | -857 Dec 22 j 13:30   | 0° <b>≯</b> 7   | 24 06 33                             | •  | -856 Dec 13 j 03:24  | 26°M05'17   |                     |
|   | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22  | 0° <b>₰</b><br>6° <b>₰</b> 15'10  | 24 08 33                             | desc. node   | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30   | 26°M05'17<br>0°⊀  |                     |
| desc. node morning set max. Earth dist.   | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36   | 0°ダ<br>6°ダ15'10<br>0°℧<br>12°℧19'30<br>18°℧59'16  | 1.38167 AU                           | desc. node   | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07  | 26° <b>™</b> 05'17<br>0° <b>҂</b> ¹<br>22° <b>҂</b> ²23'19  | 1.40286 AU          |
| morning set   | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43  | 0°ダ<br>6°ダ15'10<br>0°る<br>12°る19'30   |                                      | desc. node morning set max. Earth dist.  | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19  | 26°M05'17<br>0°メ<br>22°メ23'19<br>0°る<br>0°る37'35  |                     |
| morning set<br>max. Earth dist.   | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03  | 0° ♬<br>6° ♬15'10<br>0° 덩<br>12° 덩19'30<br>18° 귱59'16<br>0°≈  | 1.38167 AU                           | desc. node morning set max. Earth dist. superior conj  | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19  | 26°M05'17<br>0° ඁ෭<br>22° ෭ 23'19<br>0° ප<br>0° ප337'35<br>14° පි20'17  | -1°59'13            |
| morning set max. Earth dist. superior conj  | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03<br>-856 Jan 30 j 09:03   | 0°♂<br>6°♂15'10<br>0°♂<br>12°♂19'30<br>18°♂59'16<br>0°≈<br>2°≈08'21   | 1.38167 AU<br>-1°48'12               | desc. node morning set max. Earth dist.  | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19<br>-855 Jan 11 j 21:23<br>-855 Jan 11 j 22:50  | 26°M05'17<br>0°\$\frac{1}{22}\cdot\frac{1}{ | -1°59'13            |
| morning set max. Earth dist. superior conj minimum elong  | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03<br>-856 Jan 30 j 09:03<br>-856 Jan 30 j 12:26  | 0° \$\frac{1}{2}\$ 6° \$\frac{1}{2}\$ 15'10<br>0° පි<br>12° පි19'30<br>18° පි59'16<br>0° ≈<br>2° ≈08'21<br>2° ≈24'27  | 1.38167 AU<br>-1°48'12               | desc. node morning set max. Earth dist. superior conj minimum elong  | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19<br>-855 Jan 11 j 21:23<br>-855 Jan 11 j 22:50<br>-855 Jan 20 j 07:14   | 26°M05'17<br>0° ඁ෭<br>22° ෭\bigau23'19<br>0° පි<br>0° පි37'35<br>14° පි20'17<br>14° පි26'53<br>0° ක   | -1°59'13            |
| morning set max. Earth dist. superior conj minimum elong evening rise                                       | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03<br>-856 Jan 30 j 09:03<br>-856 Jan 30 j 12:26<br>-856 Feb 08 j 04:48   | 0° \$\frac{1}{2}\$ 6° \$\frac{1}{2}\$ 15'10<br>0° පි<br>12° පි19'30<br>18° පි59'16<br>0° ≈<br>2° ≈08'21<br>2° ≈24'27<br>19° ≈23'19  | 1.38167 AU<br>-1°48'12               | desc. node morning set max. Earth dist. superior conj minimum elong evening rise                                     | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19<br>-855 Jan 11 j 21:23<br>-855 Jan 11 j 22:50<br>-855 Jan 20 j 07:14<br>-855 Jan 21 j 17:56  | 26°M05'17<br>0°₹<br>22°₹23'19<br>0°♂<br>0°♂37'35<br>14°♂20'17<br>14°♂26'53<br>0°≈<br>2°≈44'25   | -1°59'13            |
| morning set max. Earth dist. superior conj minimum elong evening rise                                       | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03<br>-856 Jan 30 j 09:03<br>-856 Jan 30 j 12:26<br>-856 Feb 08 j 04:48<br>-856 Feb 12 j 23:42  | 0° \$\frac{1}{2}\$ 6° \$\frac{1}{2}\$ 15'10<br>0° \$\frac{1}{2}\$ 19'30<br>18° \$\frac{1}{2}\$ 59'16<br>0° \$\infty\$<br>2° \$\infty\$ 28' \$\infty\$ 23'19<br>28° \$\infty\$ 37'31 | 1.38167 AU<br>-1°48'12               | desc. node morning set max. Earth dist. superior conj minimum elong evening rise asc. node                           | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19<br>-855 Jan 11 j 21:23<br>-855 Jan 11 j 22:50<br>-855 Jan 20 j 07:14<br>-855 Jan 21 j 17:56<br>-855 Jan 29 j 20:44   | 26°M05'17<br>0° ₹<br>22° ₹23'19<br>0° ₹<br>0° ₹337'35<br>14° ₹20'17<br>14° ₹26'53<br>0° ≈<br>2° ≈44'25<br>17° ≈35'18  | -1°59'13<br>1°59'12 |
| morning set max. Earth dist.  superior conj minimum elong evening rise asc. node                            | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03<br>-856 Jan 30 j 09:03<br>-856 Jan 30 j 12:26<br>-856 Feb 08 j 04:48<br>-856 Feb 12 j 23:42<br>-856 Feb 13 j 17:30   | 0°ダ<br>6°ダ15'10<br>0°Ⴃ<br>12°Ⴃ19'30<br>18°Ⴃ59'16<br>0°≈<br>2°≈08'21<br>2°≈24'27<br>19°≈23'19<br>28°≈37'31<br>0°)€   | 1.38167 AU<br>-1°48'12<br>1°47'57    | desc. node morning set max. Earth dist. superior conj minimum elong evening rise                                     | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19<br>-855 Jan 11 j 21:23<br>-855 Jan 11 j 22:50<br>-855 Jan 20 j 07:14<br>-855 Jan 20 j 20:44<br>-855 Feb 06 j 23:48   | 26°M05'17<br>0°ズ<br>22°ズ23'19<br>0°♂<br>0°♂37'35<br>14°♂20'17<br>14°♂26'53<br>0°≈<br>2°≈44'25<br>17°≈35'18<br>28°≈47'28   | -1°59'13            |
| morning set max. Earth dist.  superior conj minimum elong evening rise asc. node evening max el             | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03<br>-856 Jan 30 j 09:03<br>-856 Feb 08 j 04:48<br>-856 Feb 12 j 23:42<br>-856 Feb 13 j 17:30<br>-856 Feb 24 j 18:59   | 0°ダ<br>6°ダ15'10<br>0°云<br>12°云19'30<br>18°云59'16<br>0°≈<br>2°≈08'21<br>2°≈24'27<br>19°≈23'19<br>28°≈37'31<br>0°升<br>16°升10'24   | 1.38167 AU<br>-1°48'12<br>1°47'57    | desc. node morning set max. Earth dist. superior conj minimum elong evening rise asc. node evening max el            | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19<br>-855 Jan 11 j 21:23<br>-855 Jan 20 j 07:14<br>-855 Jan 20 j 07:14<br>-855 Jan 29 j 20:44<br>-855 Feb 06 j 23:48<br>-855 Feb 08 j 08:29                        | 26°M05'17<br>0° ₹<br>22° ₹23'19<br>0° ₹<br>0° ₹37'35<br>14° ₹20'17<br>14° ₹26'53<br>0° ≈<br>2° ≈44'25<br>17° ≈35'18<br>28° ≈47'28<br>0° ¥   | -1°59'13<br>1°59'12 |
| morning set max. Earth dist.  superior conj minimum elong evening rise asc. node  evening max el retrograde | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03<br>-856 Jan 30 j 09:03<br>-856 Jan 30 j 12:26<br>-856 Feb 08 j 04:48<br>-856 Feb 12 j 23:42<br>-856 Feb 13 j 17:30<br>-856 Feb 24 j 18:59<br>-856 Mar 04 j 06:19 | 0°ダ<br>6°ダ15'10<br>0°उ<br>12°उ19'30<br>18°उ59'16<br>0°≈<br>2°≈08'21<br>2°≈24'27<br>19°≈23'19<br>28°≈37'31<br>0°升<br>16°升10'24<br>20°升15'14  | 1.38167 AU<br>-1°48'12<br>1°47'57    | desc. node morning set max. Earth dist. superior conj minimum elong evening rise asc. node evening max el retrograde | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19<br>-855 Jan 11 j 21:23<br>-855 Jan 11 j 22:50<br>-855 Jan 20 j 07:14<br>-855 Jan 29 j 20:44<br>-855 Feb 06 j 23:48<br>-855 Feb 08 j 08:29<br>-855 Feb 14 j 08:13 | 26°M05'17<br>0°ズ<br>22°ズ23'19<br>0°♂<br>0°♂37'35<br>14°♂20'17<br>14°♂26'53<br>0°≈<br>2°≈44'25<br>17°≈35'18<br>28°≈47'28<br>0° 升<br>2° 升25'02  | -1°59'13<br>1°59'12 |
| morning set max. Earth dist. superior conj  | -857 Dec 22 j 13:30<br>-857 Dec 27 j 06:22<br>-856 Jan 12 j 02:36<br>-856 Jan 19 j 11:43<br>-856 Jan 23 j 06:36<br>-856 Jan 29 j 06:03<br>-856 Jan 30 j 09:03<br>-856 Feb 08 j 04:48<br>-856 Feb 12 j 23:42<br>-856 Feb 13 j 17:30<br>-856 Feb 24 j 18:59   | 0°ダ<br>6°ダ15'10<br>0°云<br>12°云19'30<br>18°云59'16<br>0°≈<br>2°≈08'21<br>2°≈24'27<br>19°≈23'19<br>28°≈37'31<br>0°升<br>16°升10'24   | 1.38167 AU -1°48'12 1°47'57 18°58'47 | desc. node morning set max. Earth dist. superior conj minimum elong evening rise asc. node evening max el            | -856 Dec 13 j 03:24<br>-856 Dec 15 j 19:30<br>-856 Dec 30 j 04:07<br>-855 Jan 03 j 17:29<br>-855 Jan 04 j 02:19<br>-855 Jan 11 j 21:23<br>-855 Jan 20 j 07:14<br>-855 Jan 20 j 07:14<br>-855 Jan 29 j 20:44<br>-855 Feb 06 j 23:48<br>-855 Feb 08 j 08:29                        | 26°M05'17<br>0° ₹<br>22° ₹23'19<br>0° ₹<br>0° ₹37'35<br>14° ₹20'17<br>14° ₹26'53<br>0° ≈<br>2° ≈44'25<br>17° ≈35'18<br>28° ≈47'28<br>0° ¥   | -1°59'13<br>1°59'12 |

| •                     | nical year style is used: The              |                             | •            | * *              |  |                                   | ge 23      |
|-----------------------|--|-----------------------------|--------------|------------------|--|-----------------------------------|------------|
| inferior conj         | -855 Feb 24 j 02:38                        | ne year -900 m<br>27°≈25'14 |              | inferior conj    | -854 Feb 06 j 11:13                        | 9° <b>≈</b> 43'14                 | 3°50'40    |
|                       | -855 Feb 24 j 05:56                        |                             | 3°25'59      |                  | -854 Feb 06 j 12:09                        | 9°≈4314<br>9°≈41'00               | 3°50'38    |
| minimum elong         | -  |                             |              | minimum elong    | ,  |                                   |            |
| min. Earth dist.      | -855 Feb 27 j 12:57                        | 24°≈36'51                   | 0.59013 AU   | min. Earth dist. | -854 Feb 09 j 14:47                        | 6°≈44'20                          | 0.61094 AU |
| morning rise          | -855 Mar 03 j 13:08                        | 21°≈55'07                   |              | morning rise     | -854 Feb 13 j 03:22                        | 3°≈55'25                          |            |
| direct                | -855 Mar 09 j 19:11                        | 20°≈12'17                   |              | direct           | -854 Feb 19 j 23:55                        | 1°≈37'07                          |            |
| desc. node            | -855 Mar 11 j 02:32                        | 20°≈16'42                   | 26057120     | desc. node       | -854 Feb 25 j 23:36                        | 3°≈11'42                          | 27020117   |
| morning max el        | -855 Mar 24 j 02:35                        | 27°≈52'13<br>0° <b>)</b> €  | 26°57'38     | morning max el   | -854 Mar 06 j 03:41                        | 9° <b>≈</b> 24'58<br>0° <b>升</b>  | 27°39'17   |
|                       | -855 Mar 26 j 04:22                        | 0° <b>Υ</b>                 |              |                  | -854 Mar 22 j 01:16                        |                                   |            |
|                       | -855 Apr 15 j 13:08                        | 15° <b>Υ</b> 17'38          |              | morning set      | -854 Apr 07 j 13:58                        | 29° <b>¥</b> 57'12<br>0° <b>Ƴ</b> |            |
| morning set asc. node | -855 Apr 23 j 07:35<br>-855 Apr 27 j 20:04 | $24^{\circ}$ <b>Y</b> 57'48 |              | max. Earth dist. | -854 Apr 07 j 14:31<br>-854 Apr 13 j 17:22 | 13° <b>Υ</b> 00'17                | 1.32492 AU |
| asc. node             | -833 Apr 27 J 20.04                        | 24   3/46                   |              | max. Earm dist.  | -834 Apr 13 J 17.22                        | 13 1 00 17                        | 1.32492 AU |
| superior conj         | -855 Apr 30 j 09:18                        | 0° <b>8</b> 32'59           | 0°26'42      | superior conj    | -854 Apr 14 j 20:25                        | 15° <b>Ƴ</b> 27'44                | 0°01'28    |
| minimum elong         | -855 Apr 30 j 08:08                        | _                           | 0°26'27      | minimum elong    | -854 Apr 14 j 20:21                        | 15° <b>Υ</b> 27'23                | 0°01'27    |
| max. Earth dist.      | -855 Apr 30 j 05:14                        |                             | 1.32397 AU   | behind sun begin | -854 Apr 14 j 15:18                        | 14° <b>Y</b> 59'49                | 0 0127     |
| max. Earth dist.      | -855 Apr 30 j 03:17                        | 0°8                         | 1.525) / 110 | behind sun end   | -854 Apr 15 j 01:24                        | 15° <b>Υ</b> 54'57                |            |
| evening rise          | -855 May 07 j 07:38                        | 15° <b>8</b> 32'41          |              | asc. node        | -854 Apr 14 j 17:07                        | 15° <b>Υ</b> 09'44                |            |
| evening rise          | -855 May 14 j 14:23                        | 0°II                        |              | evening rise     | -854 Apr 21 j 18:40                        | 0° <b>8</b> 28'26                 |            |
|                       | -855 Jun 04 j 04:54                        | 0°©                         |              | evening rise     | -854 Apr 21 j 13:17                        | 0°8                               |            |
| evening max el        | -855 Jun 05 j 10:00                        | 1° <b>©</b> 11'38           | 26°20'43     |                  | -854 May 08 j 01:44                        | 0°II                              |            |
| desc. node            | -855 Jun 07 j 01:47                        | 2°542'07                    | 20 20 43     | evening max el   | -854 May 18 j 04:08                        | 12° <b>Ⅱ</b> 18'29                | 25°04'15   |
| retrograde            | -855 Jun 19 j 10:49                        | 8°926'07                    |              | desc. node       | -854 May 24 j 22:49                        | 17° <b>I</b> I26'13               | 25 04 15   |
| evening set           | -855 Jun 25 j 21:01                        | 6° <b>9</b> 3'17            |              | retrograde       | -854 Jun 01 j 04:21                        | 17 <b>Ⅱ</b> 2013                  |            |
| min. Earth dist.      | -855 Jun 29 j 23:04                        | 4°904'50                    | 0.59546 AU   | evening set      | -854 Jun 06 j 10:59                        | 18° <b>Ⅲ</b> 20'00                |            |
| inferior conj         | -855 Jul 03 j 07:23                        | 1°528'32                    |              | min. Earth dist. | -854 Jun 11 j 15:49                        | 15° <b>Ⅱ</b> 33'19                | 0.57567 AU |
| minimum elong         | -855 Jul 03 j 08:25                        | 1°926'31                    |              | inferior conj    | -854 Jun 14 j 17:22                        | 13° <b>∏</b> 29′26                |            |
| minimum ciong         | -855 Jul 05 j 05:46                        | 30°RⅡ                       | 4 36 33      | minimum elong    | -854 Jun 14 j 17:22                        | 13° <b>II</b> 35'02               |            |
| morning rise          | -855 Jul 10 j 21:57                        | 26°II55'05                  |              | morning rise     | -854 Jun 22 j 19:56                        | 9° <b>П</b> 17'36                 | 4 29 03    |
| direct                | -855 Jul 13 j 10:00                        | 26° <b>II</b> 32'53         |              | direct           | -854 Jun 25 j 09:21                        | 8° <b>П</b> 58'20                 |            |
| direct                | -855 Jul 20 j 19:57                        | 0°95                        |              | morning max el   | -854 Jul 04 j 04:33                        | 13° <b>I</b> 105'02               | 19°05'19   |
| morning max el        | -855 Jul 21 j 02:01                        | 0°9514'13                   | 18°21'32     | asc. node        | -854 Jul 11 j 16:23                        | 22° <b>I</b> 45'01                | 17 03 17   |
| asc. node             | -855 Jul 24 j 19:19                        | 4°932'18                    | 10 21 32     | use. Houe        | -854 Jul 15 j 20:43                        | 0°95                              |            |
| morning set           | -855 Aug 06 j 03:10                        | 25°944'37                   |              | morning set      | -854 Jul 21 j 00:24                        | 9° <b>©</b> 54'45                 |            |
| morning sec           | -855 Aug 08 j 08:41                        | 0° <b>Ω</b>                 |              | morning sec      | 00.0ui 21,00.21                            | , 00.10                           |            |
|                       | 0001148 00 1 00.11                         | ° 00                        |              | superior conj    | -854 Jul 29 j 08:56                        | 26°521'50                         | 1°47'34    |
| superior conj         | -855 Aug 15 j 08:45                        | 13° <b>Ω</b> 09'19          | 1°41'17      | minimum elong    | -854 Jul 29 j 09:20                        | 26°\$23'45                        | 1°47'33    |
| minimum elong         | -855 Aug 15 j 11:22                        | 13° <b>Ω</b> 21'17          | 1°41'08      | Č                | -854 Jul 31 j 06:35                        | $0^{\circ}\Omega$                 |            |
| max. Earth dist.      | -855 Aug 22 j 20:24                        |                             | 1.40513 AU   | max. Earth dist. | -854 Aug 04 j 23:30                        |                                   | 1.38511 AU |
|                       | -855 Aug 24 j 22:11                        | 0° m/                       |              | evening rise     | -854 Aug 08 j 19:33                        | 15° <b>Ω</b> 31′29                |            |
| evening rise          | -855 Aug 27 j 10:57                        | 4° m 13'36                  |              | <i>8</i> 23      | -854 Aug 17 j 12:37                        | 0° m/y                            |            |
| desc. node            | -855 Sep 03 j 01:10                        | 14° m 48'59                 |              | desc. node       | -854 Aug 20 j 22:12                        | 5° m 18'16                        |            |
|                       | -855 Sep 13 j 03:56                        | 0∘ <u>⊽</u>                 |              |                  | -854 Sep 07 j 19:27                        | 0∘ <u>⊽</u>                       |            |
| evening max el        | -855 Sep 30 j 23:21                        | 22° <b>≏</b> 40'08          | 23°22'08     | evening max el   | -854 Sep 13 j 11:16                        | 6° <b>£</b> 13′20                 | 24°41'13   |
| retrograde            | -855 Oct 11 j 09:16                        | 28° <b>≏</b> 49'32          |              | retrograde       | -854 Sep 24 j 22:45                        | 12° <b>≏</b> 55'05                |            |
| evening set           | -855 Oct 16 j 08:31                        | 26° <b>≏</b> 46'00          |              | evening set      | -854 Sep 30 j 12:38                        | 10° <b>≏</b> 33'34                |            |
| asc. node             | -855 Oct 20 j 18:30                        | 21° <b>≏</b> 41'53          |              | min. Earth dist. | -854 Oct 05 j 03:16                        | 5° <b>£</b> 17'26                 | 0.67303 AU |
| inferior conj         | -855 Oct 21 j 16:57                        | 20° <b>£</b> 25'11          | 0°19'21      | inferior conj    | -854 Oct 05 j 22:40                        | 4° <b>£</b> 12'53                 | -0°35'15   |
| minimum elong         | -855 Oct 21 j 16:29                        | 20° <b>£</b> 26'45          | 0°19'09      | minimum elong    | -854 Oct 05 j 23:32                        | 4° <b>₽</b> 10'00                 | 0°34'52    |
| min. Earth dist.      | -855 Oct 21 j 08:04                        | 20° <b>ჲ</b> 55'38          | 0.67591 AU   | asc. node        | -854 Oct 07 j 15:34                        | 1° <b>≏</b> 59'45                 |            |
| morning rise          | -855 Oct 27 j 00:23                        | 14° <b>≏</b> 15'51          |              |                  | -854 Oct 09 j 08:48                        | 30°R Mp                           |            |
| direct                | -855 Oct 31 j 04:55                        | 12° <b>₽</b> 38'08          |              | morning rise     | -854 Oct 11 j 10:30                        | 28° Mp 09'47                      |            |
| morning max el        | -855 Nov 08 j 19:37                        | 17° <b>≙</b> 41'00          | 21°18'16     | direct           | -854 Oct 15 j 02:27                        | 26° M 52'31                       |            |
|                       | -855 Nov 18 j 19:01                        | 0°M                         |              |                  | -854 Oct 21 j 10:09                        | 0∘ <b>⊽</b>                       |            |
| desc. node            | -855 Nov 30 j 00:28                        | 16°M₁6′28                   |              | morning max el   | -854 Oct 22 j 18:44                        | 1° <b>≙</b> 17'48                 | 20°06'11   |
|                       | -855 Dec 08 j 23:03                        | 0° <b>∡</b> ¹               |              |                  | -854 Nov 12 j 12:23                        | $0^{\circ}$ M                     |            |
| morning set           | -855 Dec 09 j 16:13                        | 1° <b>∡</b> 707′26          |              | desc. node       | -854 Nov 16 j 21:31                        | 6°M42'40                          |            |
| max. Earth dist.      | -855 Dec 17 j 04:32                        | 13° <b>∡</b> 11'41          | 1.42262 AU   | morning set      | -854 Nov 18 j 13:10                        | 9°M15'43                          |            |
|                       |  |                             |              | max. Earth dist. | -854 Nov 29 j 14:27                        | $26^{\circ}$ M $_37'22$           | 1.43814 AU |
| superior conj         | -855 Dec 24 j 11:51                        | 25° <b>∡</b> ¹27'34         | -1°58'18     |                  | -854 Dec 01 j 16:56                        | 0° <b>∡</b> ″                     |            |
| minimum elong         | -855 Dec 24 j 09:25                        | 25° <b>∡</b> 17′07          | 1°58'15      |                  |  |                                   |            |
|                       | -855 Dec 27 j 02:45                        | 8°0                         |              | superior conj    | -854 Dec 04 j 23:48                        | 5° <b>х</b> 20′10                 | -1°41'08   |
| evening rise          | -854 Jan 04 j 17:55                        | 15° <b>る</b> 24'44          |              | minimum elong    | -854 Dec 04 j 16:55                        | 4° <b>≯</b> 52′00                 | 1°40'36    |
|                       | -854 Jan 12 j 23:15                        | 0°≈                         |              | evening rise     | -854 Dec 18 j 00:32                        | 27° <b>∡</b> 16′07                |            |
| asc. node             | -854 Jan 16 j 17:47                        | 5° <b>≈</b> 58'13           |              |                  | -854 Dec 19 j 14:33                        | 5°0                               |            |
| evening max el        | -854 Jan 21 j 09:51                        | 11° <b>≈</b> 46′52          | 18°08'29     | asc. node        | -853 Jan 03 j 14:50                        | 23° <b>る</b> 35'41                |            |
| retrograde            | -854 Jan 28 j 03:03                        | 15° <b>≈</b> 13'09          |              | evening max el   | -853 Jan 04 j 22:12                        | 25° <b>る</b> 00'43                | 18°12'37   |
| evening set           | -854 Jan 30 j 19:27                        | 14° <b>≈</b> 40′32          |              | retrograde       | -853 Jan 11 j 10:15                        | 28° <b>る</b> 29'02                |            |
|                       |  |                             |              |                  |  |                                   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. 27°る47'02 -853 Jan 14 j 06:46 minimum elong -852 Jan 03 j 21:07 5°る43'28 3°32'55 evening set min. Earth dist. -853 Jan 20 j 11:28 22°る29'26 3°50'37 -852 Jan 05 j 22:34 3°**ප**16'50 0.64694 AU inferior conj -853 Jan 20 j 10:21 22°る32'26 3°50'33 -852 Jan 09 j 01:14 30°R*X* minimum elong -853 Jan 23 j 01:44 min. Earth dist. 0.63044 AU -852 Jan 09 j 14:49 29°**х** 30′06 19°**る**42'19 morning rise -853 Jan 26 j 13:05 -852 Jan 16 j 10:18 26°**х** 37'48 morning rise 16°**る**30'15 direct -853 Feb 02 j 13:22 -852 Jan 24 j 19:11 direct 13°**る**47'33 0°ಕ -853 Feb 12 j 20:40 4°**ට**23'10 -852 Jan 29 j 19:40 desc. node 18°**る**24'29 morning max el 27°13'48 -853 Feb 16 j 10:17 -852 Jan 30 j 17:42 morning max el 21°る38'14 27°43'59 desc. node 5°**る**19'19 -853 Feb 23 j 18:20 0°≈ -852 Feb 18 j 06:36 0°≈ -853 Mar 15 j 03:17 0°**)**€ morning set -852 Mar 05 j 06:04 28°≈03'08 morning set -853 Mar 22 j 14:25 14°**升** 15′23 -852 Mar 06 j 05:57 0°**)**€ -853 Mar 28 j 00:41 max. Earth dist. 25°**∺**30′10 1.32969 AU max. Earth dist. -852 Mar 09 j 23:08 7°**∺**28'17 1.33870 AU superior conj -853 Mar 30 j 05:06 0°Y10'53 -0°24'53 superior conj -852 Mar 13 j 09:28 14°**)** 36'35 -0°51'15 minimum elong -853 Mar 30 j 06:16 0°Y17'12 0°24'38 minimum elong -852 Mar 13 j 11:53 14°**)** 49'15 0°50'47 -853 Mar 30 j 03:05  $0^{\circ}\Upsilon$ asc. node -852 Mar 18 j 11:12 25°¥22'35 asc. node -853 Apr 01 j 14:09 5°Υ19'19 evening rise -852 Mar 20 j 17:14 0°Y07'23 evening rise -853 Apr 06 j 06:27 15°**Y**21'59 -852 Mar 20 j 15:49  $0^{\circ}\Upsilon$ -853 Apr 13 j 14:52 0°8 -852 Apr 07 j 04:24 0°8 evening max el -853 Apr 29 j 18:50 22°**8**57'13 23°31'44 evening max el -852 Apr 10 j 13:00 3°**8**37'39 21°57'47 desc. node -853 May 11 j 19:51 29°**8**40'12 retrograde -852 Apr 23 j 03:45 9°847'20 retrograde -853 May 13 j 09:56 29°**8**45'56 evening set -852 Apr 25 j 19:47 9°831'29 evening set -853 May 17 j 06:00 29°**8**13'30 desc. node -852 Apr 27 i 16:51 9°**8**02'31 min. Earth dist. -853 May 24 j 05:18 26°800'33 0.55975 AU inferior conj -852 May 05 i 05:38 5°**8**26'09 -2°05'35 inferior conj -853 May 26 j 07:13 24°**8**46'01 -3°39'10 minimum elong -852 May 05 j 00:03 5°**8**34'01 2°03'45 -853 May 26 j 00:28 24°856'08 3°37'37 min. Earth dist. -852 May 04 j 18:29 5°**8**41'49 0.55111 AU minimum elong -853 Jun 03 j 21:48 20°**8**49'16 -852 May 14 j 05:33 1°829'46 morning rise morning rise -853 Jun 06 j 13:11 20°**8**31'56 -852 May 17 j 02:43 1°811'15 direct direct 6°**8**49'39 21°33'45 -853 Jun 16 j 21:13 25°818'42 20°09'59 -852 May 29 j 02:47 morning max el morning max el -853 Jun 21 j 02:46  $0^{\circ}\Pi$ -852 Jun 13 j 22:44  $0^{\circ}\Pi$ -853 Jun 28 j 13:26 11°**Ⅲ**36′22 asc. node -852 Jun 14 j 10:29 0°**I**56'49 asc. node -853 Jul 05 j 04:28 morning set -852 Jun 18 j 13:03 24°**Ⅲ**26'29 9°**Ⅱ**13'24 morning set -853 Jul 07 j 21:44 0°9 -852 Jun 25 j 21:39 24°II38'59 1°35'39 superior conj -853 Jul 12 j 22:35 10°5515'43 1°45'01 -852 Jun 25 j 19:26 24°**Ⅲ**27′26 superior conj minimum elong 1°35'28 -853 Jul 12 j 21:20 -852 Jun 28 j 11:54 minimum elong 10°909'24 1°44'58 0°9 -853 Jul 18 j 04:16 -852 Jun 29 j 16:34 max. Earth dist. 20°533'06 1.36620 AU max. Earth dist. 2°**©**25'20 1.35027 AU evening rise -853 Jul 22 j 02:52 27°955'37 evening rise -852 Jul 04 j 04:03 11°5513'27 -853 Jul 23 j 06:16  $0^{\circ}\Omega$ -852 Jul 14 j 16:40  $0^{\circ}\Omega$ desc. node -853 Aug 07 j 19:13 25°**Ω**31'57 desc. node -852 Jul 24 j 16:12 15°**Ω**23'00 -853 Aug 10 j 20:42 0° m -852 Aug 05 j 04:13 0° m -853 Aug 26 j 22:29 19° m 48'35 25°52'27 evening max el -852 Aug 08 j 10:13 3° Mp 21'07 26°47'54 evening max el -853 Sep 08 j 07:47 26° m 53'29 -852 Aug 21 j 11:40 10°M 38'03 retrograde retrograde -853 Sep 14 j 12:11 24° m 16'59 -852 Aug 28 j 04:57 7° m 52'51 evening set evening set -853 Sep 18 j 18:45 19° m 37'05 0.66682 AU -852 Sep 01 j 04:08 3° m 50'15 0.65715 AU min. Earth dist. min. Earth dist. -853 Sep 20 j 01:20 -852 Sep 02 i 22:57 1°m 43'59 -2°25'10 inferior conj 18° m 00'17 -1°30'42 inferior conj -853 Sep 20 j 03:36 -852 Sep 03 i 02:30 minimum elong 17° m 53'07 1°29'47 minimum elong 1° m 33'30 2°23'53 -853 Sep 24 j 12:37 asc. node 13° m 02'18 -852 Sep 04 i 10:53 30°RΩ -853 Sep 25 j 19:16 26°**Ω**02'00 morning rise 12° m 06'14 morning rise -852 Sep 09 j 00:32 -853 Sep 29 j 00:47 11° m 06'07 asc. node -852 Sep 10 j 09:42 25°Ω28'11 direct -853 Oct 06 j 01:09 15° m 03'28 19°08'10 direct -852 Sep 11 j 22:02 25°Ω15'23 morning max el -853 Oct 17 j 05:16 0∘**⊽** -852 Sep 18 j 13:04 28°Ω53'43 18°26'01 morning max el -853 Oct 28 j 19:22 17°**£**58'39 -852 Sep 19 j 13:58 morning set 0° m 28° Mp 00'11 desc. node -853 Nov 03 j 18:33 27°**♀**19'17 morning set -852 Oct 08 j 03:32 -853 Nov 05 j 11:35 0°M -852 Oct 09 j 09:08 0∘**⊽** max. Earth dist. -853 Nov 12 j 05:54 10°M37'38 1.44750 AU desc. node -852 Oct 20 j 15:34 18°**≗**02'00

14°M06'38 -1°05'58

13°M36'39 1°05'05

8°る23'27 18°35'18

5°る36'25 3°33'19

0°**∡** 

0°궁

8°**х** 10′54

10°る15'03

12°**る**04'42

11°**る**12'11

-852 Oct 23 j 10:57

-852 Oct 23 j 08:33

-852 Oct 25 j 00:02

-852 Oct 28 j 05:54

-852 Nov 08 j 18:16

-852 Nov 16 j 08:03

-852 Nov 18 j 21:25

-852 Dec 01 j 19:30

-852 Dec 07 j 08:56

-852 Dec 08 j 21:05

superior conj

evening rise

minimum elong

greatest brilliancy

evening max el

asc. node

retrograde

max. Earth dist.

22° <u>\$\Pi\$</u>28'05 -0°18'15

22° **△**18'35 0°17'56

0°M

0°**∡**7

18°M05'08

3°**х** 59′05

21°**х** 49′48

25°**х** 40′33

25°**₹**'53'14

24°**⊆**54'05 1.44975 AU

-0.8m

19°15'19

-853 Nov 14 j 10:49

-853 Nov 14 j 03:14

-853 Nov 24 j 09:04

-853 Nov 29 j 09:28

-853 Dec 12 j 22:46

-853 Dec 19 j 10:13

-853 Dec 21 j 11:53

-853 Dec 26 j 01:28

-853 Dec 29 j 02:57

-852 Jan 03 j 23:29

superior conj

evening rise

asc. node

retrograde

evening set

inferior conj

evening max el

minimum elong

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. 24°**∡** 48′28 -852 Dec 12 j 05:07 retrograde -851 Nov 22 j 18:31 9°**х** 51′05 evening set -852 Dec 17 j 19:51 18°**∡** 57′04 3°03′41 -851 Nov 24 j 05:58 9°**х** 38′36 inferior conj asc. node -852 Dec 17 j 17:00 19°**₹**06'12 3°02'56 -851 Nov 26 j 10:59 8°×32'03 minimum elong evening set min. Earth dist. -852 Dec 19 j 04:18 17°**∡**13'32 0.65973 AU -851 Dec 01 j 21:54 2°25'04 inferior conj 12°**∡**¹46′20 -852 Dec 23 j 04:37 -851 Dec 01 j 19:11 2°24'10 morning rise minimum elong 2°**҂**³36'58 9°**∡**¹58'27 -852 Dec 29 j 13:23 0.66871 AU direct min. Earth dist. -851 Dec 02 j 17:10 1°**∡**°23′14 26°15'24 morning max el -851 Jan 11 j 05:03 17°**х** 26′02 -851 Dec 03 j 18:28 30°RM -851 Jan 16 j 14:46 desc. node 23°×25'59 morning rise -851 Dec 07 j 03:11 26°M14'43 -851 Jan 21 j 18:23 0°ಕ direct -851 Dec 12 j 21:52 23°M41'36 -851 Feb 10 j 04:52 0°≈ -851 Dec 23 j 22:22 0°×7 morning set -851 Feb 16 j 08:58 11°≈07'38 morning max el -851 Dec 24 j 13:35 0°**∡**37'46 24°57'52 -851 Feb 20 j 09:55 -850 Jan 03 j 11:49 max. Earth dist. 18°**≈**50'57 1.35226 AU desc. node 12°×23'37 -850 Jan 15 j 17:41 0°정 superior conj -851 Feb 25 j 07:09 28°≈37'06 -1°16'17 morning set -850 Jan 29 j 17:56 23°る14'07 minimum elong -851 Feb 25 j 10:32 28°**≈**54'20 1°15'45 -850 Feb 02 j 11:21 0°≈ -851 Feb 25 j 23:22 0°**)**€ max. Earth dist. -850 Feb 02 j 10:07 29°る54'16 1.37007 AU evening rise -851 Mar 05 j 01:04 14° + 37'53 asc. node -851 Mar 05 j 08:14 15°**)** 14'41 superior conj -850 Feb 08 j 19:09 12°≈03'59 -1°38'06 -851 Mar 12 j 23:49  $0^{\circ}\Upsilon$ minimum elong -850 Feb 08 j 22:51 12°≈22'07 1°37'42 evening max el -851 Mar 23 j 16:27 14°**Ƴ**44'49 20°34'19 evening rise -850 Feb 17 j 03:48 28°≈47'18 retrograde -851 Apr 03 j 16:44 20°Y02'02 -850 Feb 17 j 18:21 0°\ evening set -851 Apr 05 j 21:06 19°Y50'26 asc. node -850 Feb 20 i 05:16 4°**)** 50'43 desc. node -851 Apr 14 j 13:52 16°**Y**′08′22 evening max el -850 Mar 06 i 06:59 26°**¥**29'13 19°28'00 inferior conj -851 Apr 15 j 00:29 15°Υ′53'02 -0°07'34 -850 Mar 11 i 06:45  $0^{\circ}\Upsilon$ minimum elong -851 Apr 15 j 00:08 15°**Υ**53'33 0°07'25 retrograde -850 Mar 15 i 14:27 0°Υ56'56 -851 Apr 15 j 00:08 15°**Y**53'33 0°07'25 -850 Mar 17 j 19:18 0°Y43'05 transit middle evening set -851 Apr 14 j 20:33 15°**Y**58'45 -850 Mar 20 j 03:55 30°**₹**₩ transit begin -851 Apr 15 j 03:43 15°**Y**48′21 -850 Mar 26 j 06:05 26°\ 36'51 1°41'27 transit end inferior conj -851 Apr 16 j 08:07 15°**Y**07'19 -850 Mar 26 j 09:55 1°40'14 min. Earth dist. 0.55183 AU 26°**₩**30'37 minimum elong -851 Apr 24 j 01:59 24°**¥**52'45 0.56174 AU morning rise 11°**Y**38'48 -850 Mar 28 j 22:36 min. Earth dist. 22°**)** 53′09 -851 Apr 27 j 14:29 11°Υ11'54 -850 Apr 01 j 10:56 direct desc. node -851 May 10 j 22:37 17°**Υ**41'28 23°11'06 morning rise -850 Apr 03 j 21:53 21°**X**51'52 morning max el -851 May 20 j 21:18 -850 Apr 08 j 11:22  $0^{\circ}$ 8 21°**)** 04'45 direct -851 Jun 01 j 07:32 20°**8**38'42 -850 Apr 22 j 13:33 28°¥12'54 24°51'06 asc. node morning max el  $0^{\circ}\Upsilon$ -851 Jun 03 j 00:14 24°**8**09'44 -850 Apr 24 j 08:09 morning set -851 Jun 05 j 18:18 -850 May 14 j 00:22 0°8  $\Pi$  $^{\circ}0$ 9°**8**09'19 morning set -850 May 18 j 12:16 superior conj -851 Jun 10 j 03:04 9°**Ⅲ**22'05 1°21'02 asc. node -850 May 19 j 04:33 10°**8**35'22 minimum elong -851 Jun 10 j 00:32 9°**I**08'32 1°20'42 max. Earth dist. -851 Jun 12 j 14:50 14°**耳**39'06 1.33806 AU superior conj -850 May 25 j 12:26 24°816'42 1°02'19 evening rise -851 Jun 17 j 18:22 25°**Ⅲ**11'21 minimum elong -850 May 25 j 10:07 24°804'05 1°01'55 -851 Jun 20 j 05:30 0ಂತಾ max. Earth dist. -850 May 26 j 21:26 27°815'39 1.32969 AU -851 Jul 08 j 03:36  $0^{\circ}\Omega$ -850 May 28 j 03:57  $0^{\circ}\Pi$ -851 Jul 11 j 13:12 4°**Ω**41'52 -850 Jun 01 j 17:55 9° 1136′48 desc. node evening rise -851 Jul 21 j 21:51 16°Ω41'27 27°20'01 -850 Jun 12 j 13:46 0ಂತಾ evening max el -851 Aug 04 i 09:52 24°**Ω**01′29 -850 Jun 28 j 10:13 23°9514'15 retrograde desc. node -850 Jul 04 i 07:05 evening set -851 Aug 11 j 12:12 21°Ω17'05 evening max el 29°534'57 27°22'41 -851 Aug 15 j 05:12 min. Earth dist. 17°Ω50'26 0.64385 AU -850 Jul 04 i 17:44  $0^{\circ}\Omega$ inferior conj -851 Aug 17 j 13:12 15°Ω19'46 -3°16'07 retrograde -850 Jul 18 i 01:40 6°£53′59 -851 Aug 17 j 17:38 15°Ω07'50 3°14'48 evening set -850 Jul 25 i 06:21 4°Ω22'47 minimum elong -851 Aug 23 j 23:51 9°**Ω**53'13 min. Earth dist. -850 Jul 28 j 20:13 1°**Ω**25'55 0.62699 AU morning rise -851 Aug 26 j 15:50 9°**Ω**16'36 -850 Jul 30 j 08:18 direct 30°R9€ -851 Aug 28 j 06:45 9°**Ω**30'15 inferior conj -850 Jul 31 j 17:13 28°940'04 -3°59'53 asc node 28°\$29'27 3°58'57 morning max el -851 Sep 02 j 04:07 12°Ω44'13 18°00'58 minimum elong -850 Jul 31 j 21:37 -851 Sep 14 j 02:29 0° m morning rise -850 Aug 07 j 14:05 23°932'27 -851 Sep 19 j 15:42 9° m 23'44 direct -850 Aug 10 j 02:56 23°903'01 morning set -851 Oct 02 j 00:59 0∘**⊽** -850 Aug 15 j 03:47 25°901'06 asc. node -850 Aug 16 j 19:28 26°\$28'10 17°53'53 morning max el -851 Oct 02 j 22:32 1°**2**27'16 0°29'48 -850 Aug 19 j 20:37 0° $\Omega$ superior conj -851 Oct 03 j 01:53 21°**Ω**52'17 minimum elong 1°**≏**40'48 0°29'21 morning set -850 Sep 02 j 02:36 -851 Oct 07 j 12:35 desc. node 8°**£**48′08 -850 Sep 06 j 16:42 0° m max. Earth dist. -851 Oct 07 j 18:18 9°**₽**10'49 1.44473 AU evening rise -851 Oct 19 j 07:05 27°**2**12'15 superior conj -850 Sep 13 j 11:46 11° Mp 43'08 1°07'57 -851 Oct 21 j 02:39 0°M minimum elong -850 Sep 13 j 16:56 12° Mp 04'59 1°07'21 greatest brilliancy -851 Nov 02 j 07:51  $18^{\circ}$ M $_{3}0'05$ -0.6m max. Earth dist. -850 Sep 20 j 09:19 23° Mp 08'07 1.43303 AU -851 Nov 10 j 12:15 0°×7 -850 Sep 24 j 09:36 29° m 34'08 desc. node

-851 Nov 15 j 00:11

evening max el

5°**∡**17'34 20°10'45

-850 Sep 24 j 16:07

0∘**ত** 

| •                | -                   |                     | •          | / ·                    | 901 BCE in historical cou |                                     | 50 20      |
|------------------|---------------------|---------------------|------------|------------------------|---------------------------|-------------------------------------|------------|
| evening rise     | -850 Sep 28 j 13:38 | 6° <b>₽</b> 06'58   |            | evening max el         | -849 Oct 11 j 16:12       | 2°M13'27                            | 22°35'55   |
| <i>y</i>         | -850 Oct 14 j 11:28 | 0°M                 |            | retrograde             | -849 Oct 21 j 10:52       | 8°M02'12                            |            |
| evening max el   | -850 Oct 28 j 23:02 | 18°M45'12           | 21°18'55   | evening set            | -849 Oct 26 j 02:10       | 6°M09'11                            |            |
| retrograde       | -850 Nov 06 j 15:40 | 23°M55'03           | 21 1000    | asc. node              | -849 Oct 29 j 00:04       | 3°M04'37                            |            |
| evening set      | -850 Nov 10 j 18:35 | 22°M19'45           |            | inferior conj          | -849 Oct 31 j 10:18       | 29° <b>£</b> 49'38                  | 0°49'46    |
| asc. node        | -850 Nov 10 j 18:55 | 22°M02'41           |            | minimum elong          | -849 Oct 31 j 09:09       | 29° <b>£</b> 53'34                  | 0°49'17    |
| inferior conj    | -850 Nov 16 j 03:21 | 16°M06'03           | 1°39'50    | minimum erong          | -849 Oct 31 j 07:18       | 29 <b>=</b> 33 34<br>30° <b>₹</b> Ω | 0 491/     |
| minimum elong    | -850 Nov 16 j 03:21 |                     | 1°39'01    | min. Earth dist.       | -849 Oct 31 j 07:17       |                                     | 0.67611 AU |
| min. Earth dist. | 3                   | 16°M13'18           | 0.67406 AU |                        |                           | 23° <b>£</b> 37'54                  | 0.07011 AU |
|                  | -850 Nov 16 j 10:57 | 15°M39'52           | 0.07400 AU | morning rise<br>direct | -849 Nov 05 j 16:02       |                                     |            |
| morning rise     | -850 Nov 21 j 07:45 | 9°M52'30            |            |                        | -849 Nov 10 j 04:27       | 21° <b>Ω</b> 47'43                  | 22004146   |
| direct           | -850 Nov 26 j 11:06 | 7°M39'55            | 00001114   | morning max el         | -849 Nov 19 j 10:49       | 27° <b>Ω</b> 16'18                  | 22°04'46   |
| morning max el   | -850 Dec 06 j 22:32 | 13°M54'15           | 23°31'14   |                        | -849 Nov 21 j 23:28       | 0°M                                 |            |
|                  | -850 Dec 19 j 23:17 | 0° <b>∡</b> 7       |            | desc. node             | -849 Dec 08 j 05:56       | 21°M57'09                           |            |
| desc. node       | -850 Dec 21 j 08:53 | 1° <b>₹</b> 57'31   |            |                        | -849 Dec 13 j 14:41       | 0° <b>∡</b> 7                       |            |
|                  | -849 Jan 08 j 15:49 | 0° <b>ろ</b>         |            | morning set            | -849 Dec 22 j 06:37       | 13° <b>∡</b> ³34′07                 |            |
| morning set      | -849 Jan 11 j 02:46 | 4° <b>る</b> 06'28   |            | max. Earth dist.       | -849 Dec 28 j 03:23       |                                     | 1.41156 AU |
| max. Earth dist. | -849 Jan 15 j 05:31 | 11° <b>七</b> 11'22  | 1.39066 AU |                        | -848 Jan 01 j 03:30       | 0°る                                 |            |
|                  |                     | —                   |            |                        |                           |                                     |            |
| superior conj    | -849 Jan 22 j 17:31 | 24° <b>ろ</b> 46'40  |            | superior conj          | -848 Jan 04 j 21:10       | 6° <b>る</b> 31'59                   |            |
| minimum elong    | -849 Jan 22 j 20:18 | 24° <b>る</b> 59'44  | 1°53'55    | minimum elong          | -848 Jan 04 j 21:12       | 6° <b>ප</b> 32'06                   | 2°00'35    |
|                  | -849 Jan 25 j 11:52 | 0° <b>≈</b>         |            | evening rise           | -848 Jan 15 j 06:53       | 25° <b>る</b> 33'05                  |            |
| evening rise     | -849 Jan 31 j 22:51 | 12° <b>≈</b> 28′32  |            |                        | -848 Jan 17 j 16:24       | 0° <b>≈</b>                         |            |
| asc. node        | -849 Feb 07 j 02:19 | 24° <b>≈</b> 04'45  |            | asc. node              | -848 Jan 24 j 23:23       | 12° <b>≈</b> 48'45                  |            |
|                  | -849 Feb 10 j 13:29 | 0° <b>∀</b>         |            | evening max el         | -848 Jan 31 j 14:39       | 21° <b>≈</b> 36′04                  | 18°14'50   |
| evening max el   | -849 Feb 17 j 07:18 | 8° <b>)</b> (49′04  | 18°41'24   | retrograde             | -848 Feb 07 j 15:29       | 25° <b>≈</b> 07'21                  |            |
| retrograde       | -849 Feb 25 j 05:54 | 12° <b>)</b> 40′44  |            | evening set            | -848 Feb 10 j 05:20       | 24° <b>≈</b> 39'55                  |            |
| evening set      | -849 Feb 27 j 15:08 | 12° <b>∺</b> 21′07  |            | inferior conj          | -848 Feb 17 j 05:02       | 19° <b>≈</b> 55'10                  | 3°40'12    |
| inferior conj    | -849 Mar 07 j 07:14 | 7° <b>)</b> 57′06   | 2°58'29    | minimum elong          | -848 Feb 17 j 07:21       |                                     | 3°39'57    |
| minimum elong    | -849 Mar 07 j 11:30 | 7° <b>){</b> 49'01  | 2°57'32    | min. Earth dist.       | -848 Feb 20 j 13:44       | 16° <b>≈</b> 58'58                  | 0.59889 AU |
| min. Earth dist. | -849 Mar 10 j 15:42 | 5° <b>)</b> 26′14   | 0.57852 AU | morning rise           | -848 Feb 24 j 07:18       | 14° <b>≈</b> 16'13                  |            |
| morning rise     | -849 Mar 15 j 05:05 | 2° <b>)</b> (40'52  | 0.07002110 | direct                 | -848 Mar 01 j 20:43       | 12°≈17'15                           |            |
| desc. node       | -849 Mar 19 j 08:00 | 1° <b>)</b> € 26'42 |            | desc. node             | -848 Mar 05 j 05:04       | 12°≈46'44                           |            |
| direct           | -849 Mar 20 j 21:43 | 1° <b>H</b> 20'31   |            | morning max el         | -848 Mar 16 j 03:22       | 20°≈02'17                           | 27010147   |
| morning max el   | -849 Apr 04 j 05:50 | 8° <b>H</b> 52'38   | 26°18'42   | morning max cr         | -848 Mar 24 j 16:23       | 0° <b>∀</b>                         | 2/ 1/4/    |
| morning max er   | 1 3                 | ο π323ο<br>0°Υ      | 20 16 42   |                        | •                         | 0°Υ<br>0°Υ                          |            |
|                  | -849 Apr 20 j 04:25 |                     |            | . ,                    | -848 Apr 11 j 22:05       |                                     |            |
| morning set      | -849 May 02 j 23:31 | 24° <b>Y</b> 06'33  |            | morning set            | -848 Apr 16 j 08:13       | 8°Υ54'04                            |            |
|                  | -849 May 05 j 17:52 | 0° <b>8</b>         |            | asc. node              | -848 Apr 21 j 22:40       | 20° <b>Ƴ</b> 52'47                  |            |
| asc. node        | -849 May 06 j 01:37 | 0° <b>8</b> 41'52   |            |                        |                           |                                     |            |
|                  |                     |                     |            | superior conj          | -848 Apr 23 j 11:32       | 24° <b>Y</b> 14'30                  | 0°16'12    |
| superior conj    | -849 May 09 j 23:51 | 9° <b>8</b> 16'33   | 0°40'27    | minimum elong          | -848 Apr 23 j 10:49       | 24° <b>Y</b> 10′32                  | 0°16'02    |
| minimum elong    | -849 May 09 j 22:10 | 9° <b>8</b> 07'20   | 0°40'06    | max. Earth dist.       | -848 Apr 22 j 21:54       | 22° <b>Y</b> 59'48                  | 1.32386 AU |
| max. Earth dist. | -849 May 10 j 09:03 | 10° <b>8</b> 06'57  | 1.32501 AU |                        | -848 Apr 26 j 02:36       | $8^{\circ 0}$                       |            |
| evening rise     | -849 May 16 j 23:45 | 24° <b>8</b> 20'27  |            | evening rise           | -848 Apr 30 j 09:26       | 9° <b>8</b> 13'17                   |            |
|                  | -849 May 19 j 18:11 | $\Pi$ $^{\circ}0$   |            |                        | -848 May 11 j 04:12       | $\Pi$ $^{\circ}0$                   |            |
|                  | -849 Jun 06 j 10:13 | 0ಂ <b>ತಾ</b>        |            | evening max el         | -848 May 28 j 08:57       | 23° <b>Ⅱ</b> 19′26                  | 25°51'00   |
| desc. node       | -849 Jun 15 j 07:14 | 10° <b>©</b> 40'35  |            | desc. node             | -848 Jun 01 j 04:16       | 26° <b>Ⅲ</b> 33′26                  |            |
| evening max el   | -849 Jun 16 j 11:19 | 11° <b>©</b> 49'28  | 26°52'28   |                        | -848 Jun 07 j 18:01       | $0$ $\circ$ $\odot$                 |            |
| retrograde       | -849 Jun 30 j 10:26 | 19° <b>©</b> 06'35  |            | retrograde             | -848 Jun 11 j 10:33       | 0° <b>©</b> 32'37                   |            |
| evening set      | -849 Jul 07 j 07:07 | 17° <b>©</b> 02'27  |            |                        | -848 Jun 15 j 02:18       | 30°R <b>Ⅱ</b>                       |            |
| min. Earth dist. | -849 Jul 11 j 00:59 | 14° <b>©</b> 22'26  | 0.60737 AU | evening set            | -848 Jun 17 j 10:16       | 29° <b>Ⅱ</b> 06'15                  |            |
| inferior conj    | -849 Jul 14 j 07:36 | 11° <b>©</b> 36'35  | -4°30'36   | min. Earth dist.       | -848 Jun 21 j 21:27       | 26° <b>Ⅲ</b> 25′21                  | 0.58677 AU |
| minimum elong    | -849 Jul 14 j 10:26 | 11°930'34           | 4°30'18    | inferior conj          | -848 Jun 25 j 04:47       | 24° <b>Ⅲ</b> 00'05                  |            |
| morning rise     | -849 Jul 21 j 15:34 | 6°950'38            |            | minimum elong          | -848 Jun 25 j 04:06       | 24° <b>Ⅲ</b> 01'21                  | 4°39'11    |
| direct           | -849 Jul 24 j 03:23 | 6°926'17            |            | morning rise           | -848 Jul 03 j 00:26       | 19° <b>∏</b> 36′20                  |            |
| morning max el   | -849 Jul 31 j 08:13 | 9°958'26            | 18°05'44   | direct                 | -848 Jul 05 j 12:45       | 19° <b>Ⅱ</b> 15'39                  |            |
| asc. node        | -849 Aug 02 j 00:50 | 11°9546'25          | 10 03 44   | morning max el         | -848 Jul 13 j 15:21       | 23° <b>I</b> 106'17                 | 18°37'35   |
| asc. nouc        | -849 Aug 13 j 11:38 | 0°Ω                 |            | asc. node              | -848 Jul 18 j 21:54       | 29° <b>I</b> [31'03                 | 16 37 33   |
| morning set      | • •                 | 5° <b>Ω</b> 09'21   |            | asc. nouc              |                           | 29 <b>п</b> 3103                    |            |
| morning set      | -849 Aug 16 j 06:21 | 3 8609721           |            | morning set            | -848 Jul 19 j 05:45       |                                     |            |
| aumonia '        | 940 A 26:02.52      | 220 0 1 0150        | 1922146    | morning set            | -848 Jul 29 j 22:16       | 19° <b>©</b> 02'39                  |            |
| superior conj    | -849 Aug 26 j 03:53 | 23° <b>Ω</b> 18'50  | 1°32'46    |                        | -848 Aug 04 j 14:03       | $0$ ° $\Omega$                      |            |
| minimum elong    | -849 Aug 26 j 07:47 | 23° <b>Ω</b> 36′10  | 1°32'26    |                        | 0.40 4 0.7                |                                     | 10.45      |
| _                | -849 Aug 29 j 23:21 | 0° <b>т</b> р       |            | superior conj          | -848 Aug 07 j 18:00       | 6° <b>Ω</b> 00′26                   | 1°45'10    |
| max. Earth dist. | -849 Sep 02 j 18:33 | 6° Mp 28′09         | 1.41621 AU | minimum elong          | -848 Aug 07 j 19:38       | 6° <b>Ω</b> 08'05                   | 1°45'06    |
| evening rise     | -849 Sep 08 j 08:10 | 15° Mp 36′29        |            | max. Earth dist.       | -848 Aug 14 j 22:31       | 19° <b>Ω</b> 03'54                  | 1.39660 AU |
| desc. node       | -849 Sep 11 j 06:37 | 20° <b>m</b> 16'44  |            | evening rise           | -848 Aug 19 j 02:14       | 26° <b>Ω</b> 12'50                  |            |
|                  | -849 Sep 17 j 13:55 | 0∘ <b>ত</b>         |            |                        | -848 Aug 21 j 08:41       | 0° <b>m</b>                         |            |
|                  | -849 Oct 09 j 14:01 | 0°M₊                |            | desc. node             | -848 Aug 28 j 03:38       | 10° <b>m</b> 52′09                  |            |
|                  |                     |                     |            |                        |                           |                                     |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 29 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | ical year style is used: Tl                | ne year -900 in                       | astronomical cou | nting style is the year         | 901 BCE in historical cou                  | inting style.                     |            |
|--------------------------------|--|---------------------------------------|------------------|---------------------------------|--|-----------------------------------|------------|
|                                | -848 Sep 10 j 05:48                        | 0∘ <b>⊽</b>                           |                  |                                 | -847 Jul 27 j 11:30                        | $0$ $^{\circ}$ $\Omega$           |            |
| evening max el                 | -848 Sep 23 j 05:23                        | 15° <b>≏</b> 44'51                    | 23°56'17         | max. Earth dist.                | -847 Jul 28 j 01:30                        | 1° <b>Ω</b> 05′01                 | 1.37681 AU |
| retrograde                     | -848 Oct 04 j 02:47                        | 22° <b>ჲ</b> 09'33                    |                  | evening rise                    | -847 Jul 31 j 21:01                        | 8° <b>Ω</b> 00′21                 |            |
| evening set                    | -848 Oct 09 j 08:02                        | 19° <b>≙</b> 58'22                    |                  |                                 | -847 Aug 14 j 04:49                        | 0° <b>™</b>                       |            |
| min. Earth dist.               | -848 Oct 14 j 03:41                        | 14° <b>≙</b> 22'02                    | 0.67502 AU       | desc. node                      | -847 Aug 15 j 00:37                        | 1°Mp15'28                         |            |
| inferior conj                  | -848 Oct 14 j 16:58                        | 13° <b>≙</b> 36'57                    | -0°03'35         | evening max el                  | -847 Sep 05 j 16:55                        | 29° <b>m</b> 19'50                | 25°13'03   |
| minimum elong                  | -848 Oct 14 j 17:03                        | 13° <b>≙</b> 36'40                    | 0°03'33          |                                 | -847 Sep 06 j 09:33                        | 0∘ <b>ত</b>                       |            |
| transit middle                 | -848 Oct 14 j 17:03                        | 13° <b>≙</b> 36'40                    | 0°03'33          | retrograde                      | -847 Sep 17 j 14:21                        | 6° <b>≙</b> 12'23                 |            |
| transit begin                  | -848 Oct 14 j 14:24                        | 13° <b>≙</b> 45'41                    |                  | evening set                     | -847 Sep 23 j 10:25                        | 3° <b>≏</b> 44'18                 |            |
| transit end                    | -848 Oct 14 j 19:42                        | 13° <b>≏</b> 27'39                    |                  |                                 | -847 Sep 26 j 21:35                        | 30°₽,₩                            |            |
| asc. node                      | -848 Oct 14 j 21:07                        | 13° <b>≏</b> 22'52                    |                  | min. Earth dist.                | -847 Sep 27 j 21:39                        | 28° <b>m</b> 43'08                | 0.67080 AU |
| morning rise                   | -848 Oct 20 j 02:02                        | 7° <b>≏</b> 29'40                     |                  | inferior conj                   | -847 Sep 28 j 21:36                        | 27° <b>m</b> 24'56                | -0°58'45   |
| direct                         | -848 Oct 24 j 00:55                        | 6° <b>ഫ</b> 00'58                     |                  | minimum elong                   | -847 Sep 28 j 23:03                        | 27° <b>m</b> 20'11                | 0°58'08    |
| morning max el                 | -848 Nov 01 j 05:28                        | 10° <b>≏</b> 47'15                    | 20°45'59         | asc. node                       | -847 Oct 01 j 18:10                        | 23° <b>m</b> 53'18                |            |
|                                | -848 Nov 15 j 21:56                        | 0° <b>M</b> ₊                         |                  | morning rise                    | -847 Oct 04 j 11:48                        | 21° Mp 25'06                      |            |
| desc. node                     | -848 Nov 24 j 02:59                        | 12° <b>M</b> 15'31                    |                  | direct                          | -847 Oct 07 j 23:06                        | 20° <b>m</b> 15'23                |            |
| morning set                    | -848 Nov 30 j 09:41                        | 21°M55'12                             |                  | morning max el                  | -847 Oct 15 j 07:41                        | 24° <b>m</b> 27'31                | 19°39'35   |
|                                | -848 Dec 05 j 12:54                        | 0° <b>∡</b> ¹                         |                  |                                 | -847 Oct 20 j 00:34                        | 0∘ <b>⊽</b>                       |            |
| max. Earth dist.               | -848 Dec 09 j 08:26                        | 6° <b>∡</b> 107′20                    | 1.42986 AU       | morning set                     | -847 Nov 09 j 07:31                        | 0° <b>IL</b> 09'31                |            |
|                                |  |                                       |                  |                                 | -847 Nov 09 j 05:04                        | $0^{\circ}$ M                     |            |
| superior conj                  | -848 Dec 16 j 00:47                        | 17° <b>∡</b> ¹08'31                   | -1°53'14         | desc. node                      | -847 Nov 10 j 23:59                        | 2°M46'26                          |            |
| minimum elong                  | -848 Dec 15 j 20:20                        | 16° <b>∡</b> ¹49'49                   | 1°53'01          | max. Earth dist.                | -847 Nov 21 j 21:02                        | 19° <b>™</b> 49'58                | 1.44303 AU |
| -                              | -848 Dec 23 j 12:39                        | 0° <b>ට</b>                           |                  |                                 | ·  |                                   |            |
| evening rise                   | -848 Dec 28 j 00:02                        | 7° <b>る</b> 53'32                     |                  | superior conj                   | -847 Nov 26 j 01:18                        | 26°M30'24                         | -1°28'18   |
| Č                              | -847 Jan 10 j 04:42                        | 0° <b>≈</b>                           |                  | minimum elong                   | -847 Nov 25 j 17:22                        | 25°M58'32                         | 1°27'32    |
| asc. node                      | -847 Jan 10 j 20:25                        | 0°≈53'49                              |                  | C                               | -847 Nov 28 j 05:14                        | 0° <b>∡</b> ¹                     |            |
| evening max el                 | -847 Jan 14 j 02:04                        | 4° <b>≈</b> 42'42                     | 18°07'56         | evening rise                    | -847 Dec 09 j 21:49                        | 19° <b>∡</b> °21′08               |            |
| retrograde                     | -847 Jan 20 j 15:55                        | 8°≈08'06                              |                  | <i>5</i>                        | -847 Dec 16 j 05:26                        | 0°ਰ                               |            |
| evening set                    | -847 Jan 23 j 10:02                        | 7° <b>≈</b> 31'38                     |                  | evening max el                  | -847 Dec 28 j 14:38                        | 18° <b>ろ</b> 01'09                | 18°20'04   |
| inferior conj                  | -847 Jan 29 j 20:44                        | 2° <b>≈</b> 25'50                     | 3°53'07          | asc. node                       | -847 Dec 28 j 17:27                        | 18° <b>る</b> 08'15                |            |
| minimum elong                  | -847 Jan 29 j 20:43                        | 2°≈25'53                              | 3°53'06          | retrograde                      | -846 Jan 04 j 02:54                        | 21° <b>る</b> 33'19                |            |
| g                              | -847 Feb 01 j 06:40                        | 30°Rる                                 | 2 22 00          | evening set                     | -846 Jan 07 j 01:31                        | 20° <b>පි</b> 46'51               |            |
| min. Earth dist.               | -847 Feb 01 j 19:17                        | 29° <b>පි</b> 29'16                   | 0.61957 AU       | inferior conj                   | -846 Jan 13 j 02:24                        | 15° <b>る</b> 21'14                | 3°45'02    |
| morning rise                   | -847 Feb 05 j 06:12                        | 26° <b>る</b> 32'37                    | 0.01707110       | minimum elong                   | -846 Jan 13 j 00:39                        | 15° <b>る</b> 26'10                | 3°44'49    |
| direct                         | -847 Feb 12 j 05:45                        | 24°る01'50                             |                  | min. Earth dist.                | -846 Jan 15 j 10:14                        | 13° <b>ろ</b> 44'34                | 0.63798 AU |
| desc. node                     | -847 Feb 20 j 02:08                        | 26°る44'23                             |                  | morning rise                    | -846 Jan 18 j 23:12                        | 9° <b>ට</b> 18'57                 | 0.03770710 |
| dese. Hode                     | -847 Feb 24 j 07:16                        | 0° <b>≈</b>                           |                  | direct                          | -846 Jan 25 j 22:29                        | 6° <b>ට</b> 30'21                 |            |
| morning max el                 | -847 Feb 26 j 06:52                        | 0 <b>∞</b><br>1° <b>≈</b> 51'58       | 27945'41         | desc. node                      | -846 Feb 06 j 23:11                        | 12°る44'28                         |            |
| morning max ci                 | -847 Mar 18 j 22:24                        | 0° <b>∺</b>                           | 27 43 41         | morning max el                  | -846 Feb 08 j 14:45                        | 12 344 28<br>14°る19'06            | 27°35'03   |
| morning set                    | -847 Mar 31 j 12:20                        | 23° <b>)</b> € 24'53                  |                  | morning max cr                  | -846 Feb 21 j 09:02                        | 0°≈                               | 27 33 03   |
| morning set                    | -847 Apr 03 j 16:25                        | 23 <b>γ</b> (24 33                    |                  |                                 | -846 Mar 11 j 12:10                        | 0° <b>∺</b>                       |            |
| max. Earth dist.               | -847 Apr 06 j 08:12                        | 5° <b>Υ</b> '40'53                    | 1.32643 AU       | morning set                     | -846 Mar 15 j 09:25                        | 7° <b>∺</b> 31'08                 |            |
| max. Earm dist.                | -84 / Apr 00 J 08.12                       | 3 1 40 33                             | 1.32043 AU       | morning set<br>max. Earth dist. |  | 17° <b>X</b> 51'08                | 1.33299 AU |
| gunariar agni                  | -847 Apr 07 j 21:49                        | 9° <b>Y</b> ′04'42                    | 0°00'20          | max. Earth dist.                | -846 Mar 20 j 12:11                        | 17 / 38 23                        | 1.33299 AU |
| superior conj<br>minimum elong | 1 3  | 9 <b>γ</b> 04 42<br>9° <b>γ</b> 07'10 | 0°09'33          | superior conj                   | 946 Mar 22: 04:55                          | 220¥41!10                         | 0026100    |
| C                              | -847 Apr 07 j 22:16<br>-847 Apr 07 j 18:09 | 9 <b>γ</b> 07 10<br>8° <b>Υ</b> 44'46 | 0 09 33          | 1 2                             | -846 Mar 23 j 04:55                        | 23° <b>)</b> 41'19                |            |
| behind sun begin               | 1 3  | 8° γ 44°46<br>9° <b>γ</b> 29'34       |                  | minimum elong                   | -846 Mar 23 j 06:38<br>-846 Mar 26 j 03:28 | 23° <b>¥</b> 50′27<br>0° <b>Ƴ</b> | 0-354/     |
| behind sun end                 | -847 Apr 08 j 02:23                        | 11° <b>Υ</b> 03'58                    |                  | 1-                              | 3  | 0° γ<br>1° <b>Υ</b> 11'31         |            |
| asc. node                      | -847 Apr 08 j 19:44                        |                                       |                  | asc. node                       | -846 Mar 26 j 16:46                        | 8° <b>Υ</b> 59'26                 |            |
| evening rise                   | -847 Apr 14 j 20:57                        | 24° <b>Y</b> ′08'19                   |                  | evening rise                    | -846 Mar 30 j 08:33                        |                                   |            |
|                                | -847 Apr 17 j 16:45                        | 0° <b>B</b>                           |                  |                                 | -846 Apr 10 j 09:38                        | 0°8                               | 22051100   |
|                                | -847 May 06 j 03:07                        | 0°П<br>4°П 1120                       | 24026105         | evening max el                  | -846 Apr 21 j 16:31                        | 14° <b>8</b> 47'46                | 22°51'09   |
| evening max el                 | -847 May 10 j 01:05                        | 4° <b>Ⅱ</b> 11′29                     | 24°26'05         | retrograde                      | -846 May 04 j 22:55                        | 21° <b>8</b> 21'39                |            |
| desc. node                     | -847 May 19 j 01:17                        | 10° <b>Ⅱ</b> 17'38                    |                  | desc. node                      | -846 May 05 j 22:19                        | 21° <b>8</b> 19'31                |            |
| retrograde                     | -847 May 23 j 23:10                        | 11° <b>Ⅱ</b> 12'48                    |                  | evening set                     | -846 May 08 j 05:38                        | 20° <b>8</b> 58'06                |            |
| evening set                    | -847 May 28 j 15:00                        | 10° <b>Ⅲ</b> 24'07                    |                  | min. Earth dist.                | -846 May 16 j 01:35                        | 17° <b>8</b> 31'33                | 0.55502 AU |
| min. Earth dist.               | -847 Jun 03 j 12:39                        | 7° <b>Ⅱ</b> 26'22                     | 0.56817 AU       | inferior conj                   | -846 May 17 j 12:20                        | 16° <b>8</b> 41'34                |            |
| inferior conj                  | -847 Jun 06 j 06:03                        | 5° <b>Ⅱ</b> 42'05                     |                  | minimum elong                   | -846 May 17 j 05:23                        | 16° <b>8</b> 51'35                | 3~02'19    |
| minimum elong                  | -847 Jun 06 j 00:56                        | 5° <b>Ⅱ</b> 50'18                     | 4°12'51          | morning rise                    | -846 May 26 j 07:27                        | 12° <b>8</b> 47'11                |            |
| morning rise                   | -847 Jun 14 j 13:44                        | 1° <b>Ⅱ</b> 37'31                     |                  | direct                          | -846 May 29 j 00:50                        | 12° <b>8</b> 29'44                | 200/2:25   |
| direct                         | -847 Jun 17 j 03:46                        | 1° <b>Ⅱ</b> 19'17                     |                  | morning max el                  | -846 Jun 09 j 01:42                        | 17° <b>8</b> 37'21                | 20°43'32   |
| morning max el                 | -847 Jun 26 j 13:51                        | 5° <b>Ⅱ</b> 41'48                     | 19°30'17         |                                 | -846 Jun 18 j 14:58                        | 0° <b>П</b>                       |            |
| asc. node                      | -847 Jul 05 j 18:58                        | 18° <b>Ⅱ</b> 01'23                    |                  | asc. node                       | -846 Jun 22 j 16:01                        | 7° <b>Ⅱ</b> 06'34                 |            |
|                                | -847 Jul 12 j 05:55                        | 0.22                                  |                  | morning set                     | -846 Jun 28 j 05:01                        | 18° <b>Ⅱ</b> 02'21                |            |
| morning set                    | -847 Jul 13 j 22:43                        | 3° <b>©</b> 22'40                     |                  |                                 | -846 Jul 03 j 23:44                        | $0_{\circ}$                       |            |
|                                | a.= v                                      |                                       |                  |                                 |  |                                   |            |
| superior conj                  | -847 Jul 22 j 00:25                        | 19° <b>©</b> 31'42                    |                  | superior conj                   | -846 Jul 05 j 18:31                        | 3°539'46                          | 1°41'46    |
| minimum elong                  | -847 Jul 22 j 00:02                        | 19° <b>©</b> 29'48                    | 1°47'26          | minimum elong                   | -846 Jul 05 j 16:46                        | 3° <b>©</b> 30'50                 | 1~41'41    |
|                                |  |                                       |                  |                                 |  |                                   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 30 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom           | ical year style is used: Tl                | ne year -900 in                       | astronomical cour | nting style is the year 9      | 901 BCE in historical cou                  | nting style.                            | <b>9</b>   |
|-------------------------------|--|---------------------------------------|-------------------|--------------------------------|--|---|------------|
| max. Earth dist.              | -846 Jul 10 j 09:25                        | 12° <b>©</b> 55'16                    | 1.35901 AU        | minimum elong                  | -845 Jun 19 j 18:12                        | 17° <b>Ⅱ</b> 59'48                      | 1°29'46    |
| evening rise                  | -846 Jul 14 j 12:36                        | 20°5549'30                            |                   | max. Earth dist.               | -845 Jun 23 j 02:00                        | 24° <b>Ⅱ</b> 55'36                      | 1.34456 AU |
|                               | -846 Jul 19 j 14:26                        | $0$ $^{\circ}\Omega$                  |                   |                                | -845 Jun 25 j 14:02                        | $0$ $\circ$ $50$                        |            |
| desc. node                    | -846 Aug 01 j 21:38                        | 21° <b>Ω</b> 20′58                    |                   | evening rise                   | -845 Jun 27 j 19:52                        | 4° <b>©</b> 25'34                       |            |
|                               | -846 Aug 08 j 02:20                        | 0° <b>m</b>                           |                   |                                | -845 Jul 12 j 08:43                        | $0^{\circ}\Omega$                       |            |
| evening max el                | -846 Aug 19 j 04:30                        | 12° <b>m</b> 55'44                    | 26°18'23          | desc. node                     | -845 Jul 19 j 18:40                        | 10° <b>Ω</b> 59'55                      |            |
| retrograde                    | -846 Aug 31 j 21:02                        | 20° Mp 06'06                          |                   | evening max el                 | -845 Aug 01 j 16:11                        | 26° <b>Ω</b> 23'54                      | 27°04'43   |
| evening set                   | -846 Sep 07 j 07:21                        | 17° <b>m</b> 25'01                    |                   |                                | -845 Aug 05 j 20:56                        | 0° <b>Т</b> р                           |            |
| min. Earth dist.              | -846 Sep 11 j 10:45                        |                                       | 0.66324 AU        | retrograde                     | -845 Aug 14 j 22:32                        | 3°M)43'06                               |            |
| inferior conj                 | -846 Sep 12 j 22:22                        | 11°Mp11'28                            |                   | evening set                    | -845 Aug 21 j 20:28                        | 0° m 56'31                              |            |
| minimum elong                 | -846 Sep 13 j 01:13                        | 11° <b>m</b> 02'44                    | 1°52'55           |                                | -845 Aug 22 j 22:37                        | 30°R <b>Ω</b>                           |            |
| morning rise                  | -846 Sep 18 j 19:23                        | 5° m 22'12                            |                   | min. Earth dist.               | -845 Aug 25 j 16:41                        |   | 0.65198 AU |
| asc. node                     | -846 Sep 18 j 15:13                        | 5° Mp 28′26                           |                   | inferior conj                  | -845 Aug 27 j 17:09                        | 24° <b>Ω</b> 52'17                      |            |
| direct                        | -846 Sep 21 j 21:18                        | 4° m 28'08                            |                   | minimum elong                  | -845 Aug 27 j 21:09                        | 24° <b>Ω</b> 40'54                      | 2°46'02    |
| morning max el                | -846 Sep 28 j 16:42                        | 8° Mp 15'51                           | 18°48'11          | morning rise                   | -845 Sep 02 j 22:28                        | 19° <b>Ω</b> 16'47                      |            |
|                               | -846 Oct 14 j 01:22                        | 0∘ <b>⊽</b>                           |                   | direct                         | -845 Sep 05 j 17:19                        | 18° <b>Ω</b> 34'51                      |            |
| morning set                   | -846 Oct 19 j 23:42                        | 9° <b>£</b> 23'43                     |                   | asc. node                      | -845 Sep 05 j 12:15                        | 18° <b>Ω</b> 35'05                      | 10010117   |
| desc. node                    | -846 Oct 28 j 20:59                        | 23° <b>Ω</b> 26'01                    |                   | morning max el                 | -845 Sep 12 j 06:21                        | 22° <b>Ω</b> 07'25                      | 18°13'17   |
| F 41 11 4                     | -846 Nov 02 j 01:09                        | 0°M                                   | 1 44045 ATT       | . ,                            | -845 Sep 18 j 10:03                        | 0° m)                                   |            |
| max. Earth dist.              | -846 Nov 04 j 14:35                        | 4"11601"33                            | 1.44945 AU        | morning set                    | -845 Sep 30 j 20:12                        | 20° m 01'50                             |            |
|                               | 046 N 05 : 05.02                           | 49 <b>m</b> 59120                     | 0946125           |                                | -845 Oct 06 j 22:02                        | 0∘ <b>⊽</b>                             |            |
| superior conj                 | -846 Nov 05 j 05:03                        | 4°M58'29<br>4°M35'10                  |                   | superior aoni                  | -845 Oct 15 j 07:33                        | 13° <b>≏</b> 29'27                      | 0.02152    |
| minimum elong<br>evening rise | -846 Nov 04 j 23:08<br>-846 Nov 20 j 20:30 | 29°M50'04                             | 0 43 31           | superior conj<br>minimum elong | -845 Oct 15 j 07:55                        | 13° <b>2</b> 30'54                      | 0°02'49    |
| evening rise                  | -846 Nov 20 j 20:58                        | 29 11 <b>6</b> 30 04<br>0° <b>√</b> 1 |                   | behind sun begin               | -845 Oct 14 j 21:04                        | 13 <b>=</b> 30 34<br>12° <b>£</b> 47'49 | 0 02 49    |
|                               | -846 Dec 10 j 18:23                        | 0° <b>ਠ</b><br>0 ×                    |                   | behind sun end                 | -845 Oct 15 j 18:46                        | 12 <b>⊆</b> 4749<br>14° <b>⊆</b> 13'56  |            |
| evening max el                | -846 Dec 12 j 01:44                        | 0 8<br>1° <b>8</b> 25'42              | 18°50'16          | desc. node                     | -845 Oct 15 j 18:01                        | 14° <b>⊆</b> 10'59                      |            |
| asc. node                     | -846 Dec 15 j 14:29                        | 1 02342<br>4° <b>ට</b> 18'05          | 18 30 10          | max. Earth dist.               | -845 Oct 18 j 09:16                        |   | 1.44848 AU |
| retrograde                    | -846 Dec 18 j 20:26                        | 5° <b>ප</b> 15'16                     |                   | max. Larm dist.                | -845 Oct 25 j 19:33                        | 0°M                                     | 1.44040 AC |
| evening set                   | -846 Dec 22 j 00:34                        | 4° <b>ට</b> 17'36                     |                   | evening rise                   | -845 Oct 31 j 19:51                        | 9° <b>™</b> 22'14                       |            |
| evening sec                   | -846 Dec 26 j 14:09                        | 30°R. <b>✓</b>                        |                   | greatest brilliancy            | -845 Nov 13 j 00:17                        | 28°M10'25                               | -0.7m      |
| inferior conj                 | -846 Dec 27 j 18:20                        | 28° <b>∡</b> ³34'33                   | 3°22'00           | greatest stillaries            | -845 Nov 14 j 05:24                        | 0° <b>₹</b>                             | 0.7111     |
| minimum elong                 | -846 Dec 27 j 15:40                        | 28° <b>∡</b> ¹42'45                   |                   | evening max el                 | -845 Nov 25 j 09:11                        | 14° <b>∡</b> 52'57                      | 19°37'06   |
| min. Earth dist.              | -846 Dec 29 j 10:55                        | 26° <b>₹</b> 30'01                    |                   | asc. node                      | -845 Dec 02 j 11:31                        | 19° <b>х</b> 08'27                      |            |
| morning rise                  | -845 Jan 02 j 06:28                        | 22° <b>₹</b> 26'08                    |                   | retrograde                     | -845 Dec 02 j 17:17                        | 19° <b>∡</b> 08'46                      |            |
| direct                        | -845 Jan 08 j 21:51                        | 19° <b>∡</b> ³34'36                   |                   | evening set                    | -845 Dec 06 j 04:36                        | 17° <b>∡</b> 758'13                     |            |
| morning max el                | -845 Jan 22 j 00:29                        | 27° <b>∡</b> 13′28                    | 26°51'57          | inferior conj                  | -845 Dec 11 j 17:28                        | 12° <b>₹</b> '00'44                     | 2°48'15    |
| desc. node                    | -845 Jan 24 j 20:14                        | 0° <b>る</b> 12'54                     |                   | minimum elong                  | -845 Dec 11 j 14:36                        | 12° <b>∡</b> 10′07                      | 2°47'25    |
|                               | -845 Jan 24 j 15:35                        | 8°0                                   |                   | min. Earth dist.               | -845 Dec 12 j 20:04                        | 10° <b>∡</b> ³33'43                     | 0.66396 AU |
|                               | -845 Feb 15 j 00:35                        | 0°≈                                   |                   | morning rise                   | -845 Dec 17 j 00:23                        | 5° <b>∡</b> 748'31                      |            |
| morning set                   | -845 Feb 26 j 20:10                        | 21° <b>≈</b> 01'57                    |                   | direct                         | -845 Dec 23 j 03:17                        | 3° <b>х</b> 06′04                       |            |
|                               | -845 Mar 03 j 09:39                        | 0° <b>)</b> €                         |                   | morning max el                 | -844 Jan 04 j 09:48                        | 10° <b>∡</b> ¹22'32                     | 25°44'12   |
| max. Earth dist.              | -845 Mar 03 j 06:11                        | 29° <b>≈</b> 42'29                    | 1.34394 AU        | desc. node                     | -844 Jan 11 j 17:15                        | 18° <b>∡</b> ¹43'52                     |            |
|                               |  |                                       |                   |                                | -844 Jan 20 j 00:45                        | ರ°0                                     |            |
| superior conj                 | -845 Mar 07 j 06:44                        | 7° <b>∺</b> 57'06                     | -1°02'08          |                                | -844 Feb 07 j 14:36                        | 0° <b>≈</b>                             |            |
| minimum elong                 | -845 Mar 07 j 09:36                        | 8° <b>¥</b> 12'01                     | 1°01'37           | morning set                    | -844 Feb 09 j 16:12                        | 3° <b>≈</b> 44'33                       |            |
| asc. node                     | -845 Mar 13 j 13:48                        | 21° <b>) (</b> 10′41                  |                   | max. Earth dist.               | -844 Feb 13 j 12:15                        | 10° <b>≈</b> 55′03                      | 1.35935 AU |
| evening rise                  | -845 Mar 14 j 18:20                        | 23° <b>)</b> (39′31                   |                   |                                |  |   |            |
|                               | -845 Mar 17 j 20:55                        | $0$ ° $\mathbf{Y}$                    |                   | superior conj                  | -844 Feb 19 j 00:43                        | 21° <b>≈</b> 44'41                      | -1°26'04   |
| evening max el                | -845 Apr 03 j 13:59                        | 25° <b>Y</b> 36'36                    | 21°20'24          | minimum elong                  | -844 Feb 19 j 04:20                        | 22° <b>≈</b> 02'53                      | 1°25'35    |
|                               | -845 Apr 09 j 15:19                        | 0°8                                   |                   |                                | -844 Feb 23 j 02:09                        | 0° <b>\</b>                             |            |
| retrograde                    | -845 Apr 15 j 13:26                        | 1° <b>8</b> 25'10                     |                   | evening rise                   | -844 Feb 27 j 00:19                        | 8° <b>∺</b> 02'19                       |            |
| evening set                   | -845 Apr 17 j 22:37                        | 1° <b>8</b> 12'07                     |                   | asc. node                      | -844 Feb 28 j 10:51                        | 10° <b>¥</b> 57'00                      |            |
|                               | -845 Apr 21 j 20:32                        | 30° <b>₹</b> Υ                        |                   |                                | -844 Mar 10 j 03:32                        | 0° <b>Υ</b>                             |            |
| desc. node                    | -845 Apr 22 j 19:23                        | 29° <b>Y</b> 34'43                    |                   | evening max el                 | -844 Mar 15 j 22:05                        | 6° <b>Y</b> 59'15                       | 20°03'46   |
| inferior conj                 | -845 Apr 27 j 07:23                        | 27° <b>Y</b> 11′58                    |                   | retrograde                     | -844 Mar 26 j 04:57                        | 11° <b>Υ</b> 54'43                      |            |
| minimum elong                 | -845 Apr 27 j 03:47                        | 27° <b>Υ</b> 17'01                    |                   | evening set                    | -844 Mar 28 j 08:16                        | 11° <b>Υ</b> 42'52                      | 0041120    |
| min. Earth dist.              | -845 Apr 27 j 14:34                        | 27° <b>Υ</b> 01'53                    | 0.55021 AU        | inferior conj                  | -844 Apr 06 j 05:19                        | 7° <b>°</b> °43′15                      | 0°41'38    |
| morning rise                  | -845 May 06 j 09:19                        | 23°Υ10'39                             |                   | minimum elong                  | -844 Apr 06 j 07:09                        | 7° <b>Υ</b> 40'29                       | 0°40'59    |
| direct                        | -845 May 09 j 11:32                        | 22° <b>Υ</b> 49'51                    | 22014110          | min. Earth dist.               | -844 Apr 08 j 04:44                        | 6° <b>Y</b> 31'50                       | 0.55499 AU |
| morning max el                | -845 May 22 j 02:46                        | 28° <b>Y</b> 50'17                    | 22~14.10          | desc. node                     | -844 Apr 08 j 16:25                        | 6°Υ14'37                                |            |
| 1                             | -845 May 23 j 07:23                        | 0° <b>8</b>                           |                   | morning rise                   | -844 Apr 15 j 03:59                        | 3°Y16'26                                |            |
| asc. node                     | -845 Jun 09 j 13:04                        | 26° <b>႘</b> 36'56                    |                   | direct                         | -844 Apr 19 j 01:55                        | 2° <b>Y</b> 42'46                       | 2205 411 1 |
| marring                       | -845 Jun 11 j 05:14                        | 0°Ⅱ<br>2°Ⅲ54'05                       |                   | morning max el                 | -844 May 02 j 20:00                        | 9° <b>Ƴ</b> 31'13                       | 23°54'11   |
| morning set                   | -845 Jun 12 j 14:56                        | 2° <b>∏</b> 54'05                     |                   | asa nada                       | -844 May 17 j 21:41                        | 0° <b>と</b><br>16° <b>と</b> 25'47       |            |
| superior conj                 | -845 Jun 19 j 20:37                        | 18° <b>Ⅱ</b> 12'34                    | 1030/02           | asc. node<br>morning set       | -844 May 26 j 10:07<br>-844 May 27 j 02:39 | 16° <b>6</b> 25'47                      |            |
| superior conj                 | -045 Juli 17 J 20.5/                       | 10 11/2 34                            | 1 30 02           | morning set                    | -077 Iviay 21 J U2.39                      | 1/ 03/1/                                |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 31 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: The | -                    | astronomical co | unting style is the year |                     |                     |             |
|---------------------|-------------------------------|----------------------|-----------------|--------------------------|---------------------|---------------------|-------------|
|                     | -844 Jun 01 j 18:23           | $\Pi$ $^{\circ}0$    |                 | superior conj            | -843 May 18 j 14:28 | 17° <b>8</b> 59'19  | 0°53'23     |
|                     |                               |                      |                 | minimum elong            | -843 May 18 j 12:23 | 17° <b>8</b> 47'52  | 0°52'59     |
| superior conj       | -844 Jun 03 j 04:00           | 3° <b>Ⅱ</b> 01'30    | 1°13'33         | max. Earth dist.         | -843 May 19 j 12:51 | 20° <b>8</b> 01'25  | 1.32723 AU  |
| minimum elong       | -844 Jun 03 j 01:30           | 2° <b>Ⅱ</b> 48′01    | 1°13'10         |                          | -843 May 24 j 04:25 | $\Pi^{\circ}0$      |             |
| max. Earth dist.    | -844 Jun 05 j 03:49           | 7° <b>Ⅱ</b> 17'52    | 1.33399 AU      | evening rise             | -843 May 25 j 17:04 | 3° <b>Ⅱ</b> 10'48   |             |
| evening rise        | -844 Jun 10 j 14:30           | 18° <b>Ⅱ</b> 36'13   |                 | Ç                        | -843 Jun 09 j 07:36 | 0°9                 |             |
|                     | -844 Jun 16 j 12:15           | 0ಂತಾ                 |                 | desc. node               | -843 Jun 22 j 12:43 | 18°908'30           |             |
| desc. node          | -844 Jul 05 j 15:42           | 0° <b>Ω</b> 01'01    |                 | evening max el           | -843 Jun 26 j 10:27 | 22°512'32           | 27°14'02    |
| desc. flode         | -844 Jul 05 j 15:23           | 0°Ω                  |                 | retrograde               | -843 Jul 10 j 07:32 | 29°930'59           | 2/ 1402     |
|                     | -                             |                      | 27025101        | -                        |                     |                     |             |
| evening max el      | -844 Jul 14 j 02:53           | 9° <b>£</b> 33′29    | 27°25'01        | evening set              | -843 Jul 17 j 10:00 | 27°509'57           | 0.61001.177 |
| retrograde          | -844 Jul 27 j 18:21           | 16° <b>Ω</b> 54'22   |                 | min. Earth dist.         | -843 Jul 21 j 00:28 |                     | 0.61881 AU  |
| evening set         | -844 Aug 03 j 22:38           | 14° <b>Ω</b> 13'41   |                 | inferior conj            | -843 Jul 24 j 02:06 | 21° <b>©</b> 33'55  |             |
| min. Earth dist.    | -844 Aug 07 j 13:36           | 11° <b>Ω</b> 00'55   | 0.63701 AU      | minimum elong            | -843 Jul 24 j 06:04 | 21° <b>©</b> 24'49  | 4°14'22     |
| inferior conj       | -844 Aug 10 j 03:24           | 8° <b>Ω</b> 22'00    | -3°35'55        | morning rise             | -843 Jul 31 j 03:35 | 16° <b>©</b> 35'00  |             |
| minimum elong       | -844 Aug 10 j 07:58           | 8° <b>Ω</b> 10′14    | 3°34'42         | direct                   | -843 Aug 02 j 15:38 | 16°908'01           |             |
| morning rise        | -844 Aug 16 j 18:18           | 3° <b>Ω</b> 03′20    |                 | asc. node                | -843 Aug 09 j 06:23 | 19° <b>5</b> 20'37  |             |
| direct              | -844 Aug 19 j 08:32           | 2° <b>Ω</b> 30'14    |                 | morning max el           | -843 Aug 09 j 12:31 | 19° <b>©</b> 35'21  | 17°56'32    |
| asc. node           | -844 Aug 22 j 09:19           | 3° <b>Ω</b> 16′00    |                 | _                        | -843 Aug 17 j 04:29 | $0^{\circ}\Omega$   |             |
| morning max el      | -844 Aug 25 j 21:54           | 5° <b>Ω</b> 56′01    | 17°55'44        | morning set              | -843 Aug 25 j 13:33 | 14° <b>Ω</b> 46'27  |             |
|                     | -844 Sep 10 j 16:14           | 0° <b>m</b>          |                 |                          | -843 Sep 03 j 01:20 | 0° m/y              |             |
| morning set         | -844 Sep 11 j 18:46           | 1° mp 54'53          |                 |                          | 045 Sep 05 j 01.20  | کیتا ≎              |             |
| morning set         | -644 Sep 11 j 16.40           | 1 11/04/05           |                 | aumarian aani            | 942 Can 05:06:15    | 20 m 50121          | 1°20'07     |
|                     | 0446 24:05:12                 | 220 m 5011 6         | 00.4712.2       | superior conj            | -843 Sep 05 j 06:15 | 3° Mp 50'21         |             |
| superior conj       | -844 Sep 24 j 05:12           | 22° m 59'16          | 0°47'32         | minimum elong            | -843 Sep 05 j 11:08 | 4° m) 11'24         | 1°19'36     |
| minimum elong       | -844 Sep 24 j 09:51           | 23° m 18'20          | 0°46'57         | max. Earth dist.         | -843 Sep 12 j 14:32 | 16° Mp 12'43        | 1.42635 AU  |
|                     | -844 Sep 28 j 12:37           | 0∘ <b>ত</b>          |                 | desc. node               | -843 Sep 18 j 12:04 | 25° <b>m</b> 43'05  |             |
| max. Earth dist.    | -844 Sep 30 j 01:56           | 2° <b>≏</b> 29'45    | 1.44041 AU      | evening rise             | -843 Sep 19 j 13:25 | 27° <b>m</b> 23'05  |             |
| desc. node          | -844 Oct 01 j 15:02           | 4° <b>£</b> 57'35    |                 |                          | -843 Sep 21 j 05:31 | 0∘ <b>ত</b>         |             |
| evening rise        | -844 Oct 10 j 03:45           | 18° <b>≏</b> 18'10   |                 |                          | -843 Oct 11 j 15:17 | 0° <b>M</b>         |             |
|                     | -844 Oct 17 j 19:44           | $0^{\circ}$ M.       |                 | evening max el           | -843 Oct 21 j 07:54 | 11°M49'35           | 21°50'55    |
| evening max el      | -844 Nov 07 j 11:25           | 28°M20'49            | 20°38'25        | retrograde               | -843 Oct 30 j 11:18 | 17° <b>M</b> 15'37  |             |
|                     | -844 Nov 09 j 04:45           | 0° <b>∡</b> ¹        |                 | evening set              | -843 Nov 03 j 19:14 | 15°M33'05           |             |
| retrograde          | -844 Nov 15 j 14:52           | 3° <b>₹</b> 109'36   |                 | asc. node                | -843 Nov 05 j 05:36 | 14° <b>M</b> ₊13'39 |             |
| asc. node           | -844 Nov 18 j 08:34           | 2° <b>∡</b> ¹26'49   |                 | inferior conj            | -843 Nov 09 j 03:34 | 9° <b>M</b> ₊16'42  | 1°19'07     |
| evening set         | -844 Nov 19 j 11:25           | 1° <b>х</b> 44'07    |                 | minimum elong            | -843 Nov 09 j 01:50 | 9°M22'41            | 1°18'25     |
| evening sec         | -844 Nov 21 j 09:04           | 30°RM.               |                 | min. Earth dist.         | -843 Nov 09 j 06:39 | 9°M06'04            | 0.67537 AU  |
| inferior conj       | -844 Nov 24 j 21:14           | 25°M35'29            | 2°06'34         | morning rise             | -843 Nov 14 j 08:17 | 3°ML03'37           | 0.07337 AC  |
| minimum elong       | -844 Nov 24 j 18:44           | 25°M44'01            | 2°05'41         | direct                   | •                   | 1° <b>ML</b> 00'14  |             |
| C                   | •                             |                      |                 |                          | -843 Nov 19 j 05:18 |                     | 22052151    |
| min. Earth dist.    | -844 Nov 25 j 11:27           | 24°M47'07            | 0.67138 AU      | morning max el           | -843 Nov 29 j 03:57 | 6°M54'47            | 22°53′51    |
| morning rise        | -844 Nov 30 j 01:50           | 19°M21'39            |                 | desc. node               | -843 Dec 15 j 11:21 | 27° <b>M</b> 44'54  |             |
| direct              | -844 Dec 05 j 14:02           | 16°M56'36            |                 |                          | -843 Dec 17 j 00:39 | 0° <b>∡</b> ¹       |             |
| morning max el      | -844 Dec 16 j 18:11           | 23°M36'36            | 24°21'28        | morning set              | -842 Jan 02 j 12:27 | 25° <b>∡</b> ³38'19 |             |
|                     | -844 Dec 22 j 10:37           | 0° <b>∡</b> ¹        |                 |                          | -842 Jan 05 j 03:06 | 0°ಕ                 |             |
| desc. node          | -844 Dec 28 j 14:18           | 7° <b>∡</b> ¹58'37   |                 | max. Earth dist.         | -842 Jan 07 j 04:25 | 3° <b>る</b> 29'56   | 1.39977 AU  |
|                     | -843 Jan 12 j 10:33           | 0°ರ                  |                 |                          |                     |                     |             |
| morning set         | -843 Jan 21 j 15:41           | 15° <b>る</b> 21'47   |                 | superior conj            | -842 Jan 14 j 22:33 | 17° <b>る</b> 14'43  | -1°58'14    |
| max. Earth dist.    | -843 Jan 25 j 08:59           | 21° <b>る</b> 57'47   | 1.37860 AU      | minimum elong            | -842 Jan 15 j 00:26 | 17° <b>る</b> 23'17  | 1°58'11     |
|                     | -843 Jan 29 j 17:35           | 0° <b>≈</b>          |                 | C                        | -842 Jan 21 j 18:17 | 0° <b>≈</b>         |             |
|                     |                               |                      |                 | evening rise             | -842 Jan 24 j 14:54 | 5° <b>≈</b> 27'02   |             |
| superior conj       | -843 Feb 01 j 07:27           | 4° <b>≈</b> 54'14    | -1°45'47        | asc. node                | -842 Feb 01 j 04:57 | 19° <b>≈</b> 26'47  |             |
| minimum elong       | -843 Feb 01 j 10:57           | 5°≈11'05             |                 | use. Houe                | -842 Feb 08 j 09:42 | 0° <b>∀</b>         |             |
| evening rise        | -843 Feb 10 j 00:07           | 22°≈00'22            | 1 43 27         | evening max el           | -842 Feb 09 j 20:52 | 1° <b>)</b> 32'41   | 18°27'37    |
| =                   | -                             | 0° <b>∺</b> 24'30    |                 | -                        | -                   | 5° <b>¥</b> 13′20   | 10 2/3/     |
| asc. node           | -843 Feb 14 j 07:54           |                      |                 | retrograde               | -842 Feb 17 j 08:31 |                     |             |
|                     | -843 Feb 14 j 02:43           | 0° <b>∀</b>          | 10005111        | evening set              | -842 Feb 19 j 19:58 | 4° <b>¥</b> 50′25   | 2020112     |
| evening max el      | -843 Feb 26 j 17:08           |                      | 19°05'44        | inferior conj            | -842 Feb 27 j 04:41 | 0° <b>)</b> 17'41   |             |
| retrograde          | -843 Mar 07 j 09:17           | 23° <b>)</b> €09'52  |                 | minimum elong            | -842 Feb 27 j 08:17 | 0° <b>)</b> 10′24   | 3°19'34     |
| evening set         | -843 Mar 09 j 15:49           | 22° <b>升</b> 53'57   |                 |                          | -842 Feb 27 j 13:25 | 30° <b>₹</b> ≈      |             |
| inferior conj       | -843 Mar 17 j 18:38           | 18° <b>)</b> 41′15   |                 | min. Earth dist.         | -842 Mar 02 j 14:57 | 27° <b>≈</b> 33'10  | 0.58705 AU  |
| minimum elong       | -843 Mar 17 j 23:05           | 18° <b>)</b> 33′33   | 2°17'19         | morning rise             | -842 Mar 06 j 18:08 | 24° <b>≈</b> 50'59  |             |
| min. Earth dist.    | -843 Mar 20 j 20:21           | 16° <b>)</b> 34′50   | 0.56824 AU      | direct                   | -842 Mar 12 j 21:01 | 23° <b>≈</b> 14'04  |             |
| morning rise        | -843 Mar 26 j 03:23           | 13° <b>) (</b> 42′07 |                 | desc. node               | -842 Mar 13 j 10:31 | 23° <b>≈</b> 14'53  |             |
| desc. node          | -843 Mar 26 j 13:28           | 13° <b>)</b> 32′42   |                 |                          | -842 Mar 26 j 06:50 | 0° <b>∀</b>         |             |
| direct              | -843 Mar 31 j 04:55           | 12° <b>)</b> (41'51  |                 | morning max el           | -842 Mar 27 j 04:40 | 0° <b>¥</b> 51'58   | 26°48'36    |
| morning max el      | -843 Apr 14 j 10:44           | 20° <b>)</b> €02'30  | 25°30'44        | <i>5</i>                 | -842 Apr 16 j 22:09 | 0°Υ                 |             |
|                     | -843 Apr 22 j 22:25           | 0°Υ                  |                 | morning set              | -842 Apr 26 j 00:55 | 17° <b>Y</b> 45'15  |             |
|                     | -843 May 10 j 05:40           | 0°8                  |                 | asc. node                | -842 Apr 30 j 04:15 | 26° <b>Y</b> 36'21  |             |
| morning sat         |                               | 2° <b>8</b> 51'26    |                 | use. Houe                |                     | 0° <b>8</b>         |             |
| morning set         | -843 May 11 j 14:33           |                      |                 |                          | -842 May 01 j 17:32 | v O                 |             |
| asc. node           | -843 May 13 j 07:12           | 6° <b>8</b> 27'23    |                 |                          |                     |                     |             |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -842 May 03 j 02:11 2°859'04 0°30'24 asc. node -841 Apr 17 j 01:18 16°**Y**48′26 superior coni -842 May 03 j 00:52 2°851'53 0°30'07 minimum elong -842 May 03 j 01:32 -841 Apr 17 j 13:29 17°**Y**55'01 0°05'23 max. Earth dist. 2°**8**55'32 1.32411 AU superior conj -841 Apr 17 j 13:14 17°**Y**53'39 0°05'21 -842 May 10 j 00:49 17°**8**59'36 evening rise minimum elong -842 May 16 j 00:34 -841 Apr 17 j 08:27 17°**Y**27'32  $0^{\circ}\Pi$ behind sun begin 0ಂತಾ -841 Apr 17 j 18:01 18°**Y**19'48 -842 Jun 04 j 13:19 behind sun end evening max el -842 Jun 08 j 12:12 4°909'09 26°29'58 -841 Apr 23 j 02:40  $0^{\circ}$ 8 -842 Jun 09 j 09:46 desc. node 4°959'18 evening rise -841 Apr 24 j 11:33 2°**8**54'59 retrograde -842 Jun 22 j 12:31 11°9524'09 -841 May 09 j 03:05  $\Pi$  $^{\circ}0$ evening set -842 Jun 29 j 01:57 9°**5**35'32 evening max el -841 May 21 j 07:03 15°**Ⅲ**21'13 25°16'56 min. Earth dist. -842 Jul 03 j 01:24 6°957'20 0.59857 AU desc. node -841 May 27 j 06:46 20°**Ⅲ**02'32 -842 Jul 06 j 09:37 inferior conj 4°9517'57 -4°37'39 retrograde -841 Jun 04 j 07:47 22°**Ⅲ**30′36 minimum elong -842 Jul 06 j 11:12 4°514'48 4°37'34 evening set -841 Jun 09 j 19:14 21°**Ⅲ**20'49 -842 Jul 13 j 00:46 30°RⅡ min. Earth dist. -841 Jun 14 j 18:50 18°**Д**34'43 0.57848 AU morning rise -842 Jul 13 j 22:27 29°**Ⅱ**41'13 inferior conj -841 Jun 17 j 22:30 16°**I**I24'35 -4°33'16 direct -842 Jul 16 j 10:27 29°**Ⅲ**18'27 minimum elong -841 Jun 17 j 19:53 16°**Ⅲ**29'06 4°33'03 -842 Jul 19 j 17:18 0ಂತಾ morning rise -841 Jun 25 j 23:17 12°**Ⅲ**09'57 morning max el -842 Jul 23 j 23:10 2°956'54 18°16'46 direct -841 Jun 28 j 12:24 11°**II**50'20 asc. node -842 Jul 27 j 03:27 6°932'57 morning max el -841 Jul 07 j 02:56 15°**Ⅲ**52'17 18°57'28 morning set -842 Aug 08 j 23:00 28°920'35 asc. node -841 Jul 14 j 00:31 24°**Ⅲ**38'34 -842 Aug 09 j 19:58  $0^{\circ}\Omega$ -841 Jul 17 j 05:11 morning set -841 Jul 23 j 18:54 12°9526'17 superior conj -842 Aug 18 j 08:24 15°**Ω**55'51 1°39'25 minimum elong -842 Aug 18 j 11:22 16°**Ω**09'19 1°39'13 superior conj -841 Aug 01 i 06:07 29°9500'36 1°47'12 max. Earth dist. -842 Aug 25 j 21:45 29°**Ω**15'56 1.40808 AU minimum elong -841 Aug 01 i 06:49 29°903'59 1°47'13 -842 Aug 26 j 08:05 0° m -841 Aug 01 j 18:33  $0^{\circ}\Omega$ -842 Aug 30 j 17:13 -841 Aug 08 j 00:48 1.38806 AU evening rise 7° **m**) 18'55 max Earth dist 11°**Ω**35'32 -842 Sep 05 j 09:06 evening rise -841 Aug 11 j 22:00 desc. node 16° m 23'18 18°**Ω**25'33 -842 Sep 14 j 08:55 -841 Aug 18 j 20:48 0∘ଫ 0° m -842 Oct 03 j 23:13 25° 219'18 23° 10'05 -841 Aug 23 j 06:06 6° Mp 54'08 evening max el desc. node -842 Oct 09 j 17:09 -841 Sep 08 j 16:08 0°M 0∘∙თ -841 Sep 16 j 11:15 24°29'47 -842 Oct 14 j 05:05 1°M23'22 evening max el 8°**£**51'29 retrograde -842 Oct 18 j 06:46 -841 Sep 27 j 19:15 30°R**≏** retrograde 15°**♀**29'21 -842 Oct 19 j 02:17 -841 Oct 03 j 06:53 evening set 29°**₽**22'30 evening set 13°**2**10′21 -842 Oct 23 j 02:39 -841 Oct 07 j 22:45 asc. node 24°**£**50'49 min. Earth dist. 7°**£**48'57 0.67361 AU -842 Oct 24 j 10:35 -841 Oct 08 j 16:34 inferior conj 23°**£**01'54 0°27'29 inferior conj 6°**2**49'16 -0°26'51 minimum elong -842 Oct 24 j 09:57 23°**£**04'07 0°27'12 minimum elong -841 Oct 08 j 17:14 6°**2**47'04 0°26'35 min. Earth dist. -842 Oct 24 j 03:12 23°**♀**27'18 0.67608 AU -841 Oct 09 j 23:42 5°**≏**06'28 asc. node morning rise -842 Oct 29 j 17:31 16°**♀**51'58 -841 Oct 14 j 03:38 0°**£**45′03 morning rise -842 Nov 03 j 00:03 15°**£**11'07 -841 Oct 15 j 09:46 30°R, M) direct -842 Nov 11 j 18:39 20° 20'17 21°30'02 direct -841 Oct 17 j 21:16 29° m 24'59 morning max el -842 Nov 19 j 19:51 -841 Oct 20 j 11:41 0∘**ত**  $0^{\circ}$ M desc. node -842 Dec 02 j 08:24 17°M53'32 -841 Oct 25 j 16:36 3°**2**55'34 20°16'05 morning max el -842 Dec 10 j 06:46 -841 Nov 13 j 18:46 0°×7 0°M -842 Dec 13 j 04:26 4°**∡**³33'26 desc. node -841 Nov 19 j 05:25 8°M17'43 morning set max. Earth dist. -842 Dec 20 j 05:41 15°**₹**56'40 1.41986 AU morning set -841 Nov 22 i 02:09 12°M42'37 max. Earth dist. -841 Dec 02 j 14:19 29°M14'49 1.43613 AU superior conj -842 Dec 27 j 16:40 28° ₹32'53 -1°59'25 -841 Dec 03 j 01:35 0°×7 -842 Dec 27 i 14:56 minimum elong 28°**х** 25′20 1°59'23 -842 Dec 28 j 12:44 0°궁 -841 Dec 08 i 08:41 8° x 36'45 -1°44'55 superior coni -841 Jan 07 j 17:09 18°る14'41 -841 Dec 08 i 02:21 8°**₹**10'41 1°44'29 evening rise minimum elong -841 Jan 14 j 05:51 -841 Dec 20 j 23:25 0°궁 0°≈≈ -841 Jan 19 j 01:58 -841 Dec 21 j 02:38 0°る13'57 asc. node 7°≈55'57 evening rise -841 Jan 24 j 06:19 evening max el 14°**≈**29'38 18°09'27 asc. node -840 Jan 05 j 23:00 25°る41'14 -841 Jan 31 j 01:12 17°≈56'53 evening max el -840 Jan 07 j 18:30 27°る41'56 18°10'47 retrograde -841 Feb 02 j 16:55 17°≈25'39 -840 Jan 10 j 14:08 0°≈ evening set -841 Feb 09 j 10:37 3°48'44 retrograde -840 Jan 14 j 06:48 1°≈09'14 inferior conj 12°**≈**31'29 -841 Feb 09 j 11:55 -840 Jan 17 j 02:38 0°≈28'46 minimum elong 12°≈28′28 3°48'39 evening set -841 Feb 12 j 15:44 -840 Jan 18 j 00:04 30°Ŗる min. Earth dist. 9°**≈**32'33 0.60783 AU -841 Feb 16 j 05:17 -840 Jan 23 j 08:47 morning rise 6°≈45'39 inferior conj 25°る14'13 3°51'52 -840 Jan 23 j 07:56 direct -841 Feb 23 j 00:15 4°≈32'11 minimum elong 25°**る**16'29 3°51'49 -841 Feb 28 j 07:34 5°≈46'25 min. Earth dist. -840 Jan 26 j 01:18 22°**る**23'59 0.62769 AU desc. node morning max el -841 Mar 09 j 04:58 12°≈19'28 27°35'25 morning rise -840 Jan 29 j 12:18 19°**ට**16'21 -841 Mar 23 j 04:36 0°**₩** direct -840 Feb 05 j 12:39 16°**る**36'12 -841 Apr 09 j 03:08  $0^{\circ}\Upsilon$ desc. node -840 Feb 15 j 04:37 20°る40'50 -841 Apr 10 j 07:58 2°Y27'27 -840 Feb 19 j 10:54 24°る27'19 27°45'33 morning set morning max el -841 Apr 16 j 14:03 15°Υ47'03 1.32454 AU -840 Feb 24 j 12:10 0°**≈** max. Earth dist.

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 33 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: T | he year -900 in      | astronomical cou | nting style is the year | 901 BCE in historical cou | inting style.       |            |
|---------------------|----------------------------|----------------------|------------------|-------------------------|---------------------------|---------------------|------------|
|                     | -840 Mar 15 j 12:39        | 0° <b>∀</b>          |                  | desc. node              | -839 Feb 01 j 01:40       | 7° <b>る</b> 22'11   |            |
| morning set         | -840 Mar 24 j 09:27        | 16° <b>)</b> 49′28   |                  |                         | -839 Feb 18 j 11:51       | 0° <b>≈</b>         |            |
| max. Earth dist.    | -840 Mar 29 j 22:13        | 28° <b>)</b> € 20'09 | 1.32873 AU       |                         | -839 Mar 07 j 17:56       | 0° <b>ℋ</b>         |            |
|                     | -840 Mar 30 j 16:51        | $0$ ° $\Upsilon$     |                  | morning set             | -839 Mar 08 j 02:36       | 0° <b>)</b> 42′17   |            |
|                     |                            |                      |                  | max. Earth dist.        | -839 Mar 12 j 22:05       | 10° <b>)</b> 23′01  | 1.33709 AU |
| superior conj       | -840 Mar 31 j 22:38        | 2° <b>Y</b> 40'21    |                  |                         |                           |                     |            |
| minimum elong       | -840 Mar 31 j 23:37        | 2° <b>Ƴ</b> 45'39    | 0°20'39          | superior conj           | -839 Mar 16 j 03:47       | 17° <b>)</b> 09'09  | -0°47'18   |
| asc. node           | -840 Apr 02 j 22:20        | 6° <b>Ƴ</b> 58'42    |                  | minimum elong           | -839 Mar 16 j 06:01       | 17° <b>¥</b> 20'56  | 0°46'52    |
| evening rise        | -840 Apr 07 j 23:18        | 17° <b>Ƴ</b> 49'10   |                  | asc. node               | -839 Mar 20 j 19:22       | 27° <b>∺</b> 03'11  |            |
|                     | -840 Apr 14 j 00:10        | $9^{\circ}$ 8        |                  |                         | -839 Mar 22 j 04:40       | $0^{\circ}\Upsilon$ |            |
| evening max el      | -840 May 01 j 21:50        | 26° <b>8</b> 02'23   | 23°45'54         | evening rise            | -839 Mar 23 j 10:21       | 2° <b>Y</b> 36'12   |            |
|                     | -840 May 06 j 19:25        | $\Pi$ $^{\circ}0$    |                  |                         | -839 Apr 07 j 20:34       | $9^{\circ}$ 8       |            |
| desc. node          | -840 May 13 j 03:47        | 2° <b>Ⅱ</b> 41'07    |                  | evening max el          | -839 Apr 13 j 15:08       | 6° <b>8</b> 41'04   | 22°11'18   |
| retrograde          | -840 May 15 j 15:20        | 2° <b>Ⅱ</b> 55'10    |                  | retrograde              | -839 Apr 26 j 10:26       | 12° <b>8</b> 57'22  |            |
| evening set         | -840 May 19 j 16:21        | 2° <b>Ⅱ</b> 19'02    |                  | evening set             | -839 Apr 29 j 05:44       | 12° <b>8</b> 40'00  |            |
|                     | -840 May 24 j 22:23        | 30° <b>₹</b> ႘       |                  | desc. node              | -839 Apr 30 j 00:50       | 12° <b>8</b> 29'02  |            |
| min. Earth dist.    | -840 May 26 j 08:43        | 29° <b>8</b> 10'16   | 0.56172 AU       | min. Earth dist.        | -839 May 07 j 21:53       | 8° <b>8</b> 56'52   | 0.55185 AU |
| inferior conj       | -840 May 28 j 15:10        | 27° <b>8</b> 47'40   | -3°49'46         | inferior conj           | -839 May 08 j 15:17       | 8° <b>8</b> 32'19   | -2°22'03   |
| minimum elong       | -840 May 28 j 08:43        | 27° <b>8</b> 57'31   | 3°48'23          | minimum elong           | -839 May 08 j 09:10       | 8° <b>8</b> 40'57   | 2°20'06    |
| morning rise        | -840 Jun 06 j 04:00        | 23° <b>8</b> 49'16   |                  | morning rise            | -839 May 17 j 14:08       | 4° <b>8</b> 36'55   |            |
| direct              | -840 Jun 08 j 18:52        | 23° <b>8</b> 31'50   |                  | direct                  | -839 May 20 j 10:07       | 4° <b>8</b> 18'49   |            |
| morning max el      | -840 Jun 18 j 21:10        | 28° <b>8</b> 12'00   | 19°59'05         | morning max el          | -839 Jun 01 j 04:19       | 9° <b>8</b> 49'18   | 21°20'14   |
|                     | -840 Jun 20 j 16:05        | $\Pi^{\circ}0$       |                  |                         | -839 Jun 15 j 08:29       | $\Pi$ $^{\circ}0$   |            |
| asc. node           | -840 Jun 29 j 21:35        | 13° <b>Ⅱ</b> 24'53   |                  | asc. node               | -839 Jun 16 j 18:38       | 2° <b>Ⅱ</b> 41'42   |            |
| morning set         | -840 Jul 06 j 22:06        | 26° <b>Ⅱ</b> 55'17   |                  | morning set             | -839 Jun 21 j 06:09       | 11° <b>Ⅱ</b> 40'34  |            |
|                     | -840 Jul 08 j 10:28        | 0°ම                  |                  |                         |                           |                     |            |
|                     |                            |                      |                  | superior conj           | -839 Jun 28 j 15:53       | 27° <b>Ⅲ</b> 08'57  | 1°37'27    |
| superior conj       | -840 Jul 14 j 18:01        | 12° <b>5</b> 49'17   | 1°45'52          | minimum elong           | -839 Jun 28 j 13:46       | 26° <b>Ⅱ</b> 57'59  | 1°37'17    |
| minimum elong       | -840 Jul 14 j 16:58        | 12° <b>5</b> 44'02   | 1°45'51          |                         | -839 Jun 30 j 01:03       | 0°€                 |            |
| max. Earth dist.    | -840 Jul 20 j 04:44        | 23° <b>5</b> 26'58   | 1.36884 AU       | max. Earth dist.        | -839 Jul 02 j 15:49       | 5° <b>©</b> 18'07   | 1.35242 AU |
|                     | -840 Jul 23 j 17:14        | $0^{\circ}\Omega$    |                  | evening rise            | -839 Jul 07 j 01:06       | 13° <b>©</b> 51'58  |            |
| evening rise        | -840 Jul 24 j 02:14        | 0° <b>Ω</b> 40'56    |                  |                         | -839 Jul 16 j 01:08       | $0^{\circ}\Omega$   |            |
| desc. node          | -840 Aug 09 j 03:06        | 27° <b>Ω</b> 10'46   |                  | desc. node              | -839 Jul 27 j 00:07       | 17° <b>Ω</b> 06'05  |            |
|                     | -840 Aug 11 j 00:52        | 0° <b>m</b> )        |                  |                         | -839 Aug 05 j 20:01       | 0° <b>m</b> y       |            |
| evening max el      | -840 Aug 28 j 22:28        | 22° m 26'56          | 25°42'44         | evening max el          | -839 Aug 11 j 10:15       | 6° Mp 01'04         | 26°40'59   |
| retrograde          | -840 Sep 10 j 04:59        | 29° <b>m</b> 29'16   |                  | retrograde              | -839 Aug 24 j 09:37       | 13° Mp 16'26        |            |
| evening set         | -840 Sep 16 j 07:13        | 26° m 54'50          |                  | evening set             | -839 Aug 31 j 01:08       | 10° m/32'10         |            |
| min. Earth dist.    | -840 Sep 20 j 14:59        |                      | 0.66792 AU       | min. Earth dist.        | -839 Sep 04 j 01:26       |                     | 0.65883 AU |
| inferior conj       | -840 Sep 21 j 19:48        | 20° m/37'13          | -1°22'19         | inferior conj           | -839 Sep 05 j 18:19       | 4°m/21'58           | -2°17'06   |
| minimum elong       | -840 Sep 21 j 21:51        | 20° m 30'39          |                  | minimum elong           | -839 Sep 05 j 21:41       | 4° m 11'54          |            |
| asc. node           | -840 Sep 25 j 20:45        | 15° <b>m</b> 59'17   |                  | _                       | -839 Sep 09 j 20:12       | 30°R <b>Ω</b>       |            |
| morning rise        | -840 Sep 27 j 12:42        | 14° <b>m</b> ) 41'30 |                  | morning rise            | -839 Sep 11 j 18:40       | 28° <b>Ω</b> 37'54  |            |
| direct              | -840 Sep 30 j 19:37        | 13° <b>m</b> 39'03   |                  | asc. node               | -839 Sep 12 j 17:49       | 28° <b>Ω</b> 11'22  |            |
| morning max el      | -840 Oct 07 j 21:58        | 17° <b>m</b> 40'05   | 19°15'48         | direct                  | -839 Sep 14 j 17:15       | 27° <b>Ω</b> 49'25  |            |
|                     | -840 Oct 17 j 09:19        | 0∘ <b>亚</b>          |                  |                         | -839 Sep 19 j 17:58       | 0° <b>m</b>         |            |
| morning set         | -840 Oct 31 j 05:27        | 21° <b>≙</b> 16′09   |                  | morning max el          | -839 Sep 21 j 09:11       | 1° <b>m</b> 29'56   | 18°31'13   |
| desc. node          | -840 Nov 05 j 02:26        | 28° <b>≙</b> 52'56   |                  |                         | -839 Oct 10 j 17:10       | 0∘ <b>⊽</b>         |            |
|                     | -840 Nov 05 j 19:35        | 0° <b>M</b> .        |                  | morning set             | -839 Oct 11 j 09:21       | 1° <b>≏</b> 05'11   |            |
| max. Earth dist.    | -840 Nov 14 j 04:51        | 13°ML10'09           | 1.44654 AU       | desc. node              | -839 Oct 22 j 23:26       | 19° <b>≙</b> 34'55  |            |
|                     |                            |                      |                  |                         |                           |                     |            |
| superior conj       | -840 Nov 16 j 22:50        | 17°ML31'21           | -1°12'19         | superior conj           | -839 Oct 26 j 23:09       | 25° <b>≏</b> 52'20  | -0°25'48   |
| minimum elong       | -840 Nov 16 j 14:56        | 17° <b>M</b> L00'01  | 1°11'27          | minimum elong           | -839 Oct 26 j 19:44       | 25° <b>≏</b> 38'56  | 0°25'20    |
|                     | -840 Nov 24 j 17:32        | 0°⊀                  |                  | max. Earth dist.        | -839 Oct 27 j 22:59       | 27° <b>£</b> 26′06  | 1.44993 AU |
| evening rise        | -840 Dec 01 j 14:57        | 11° <b>∡</b> 17′10   |                  |                         | -839 Oct 29 j 14:08       | o° <b>m</b> ₊       |            |
|                     | -840 Dec 13 j 01:49        | 0°ಕ                  |                  | evening rise            | -839 Nov 12 j 03:14       | 21°M19'55           |            |
| evening max el      | -840 Dec 21 j 06:44        | 11° <b>ට</b> 03'44   | 18°30'49         |                         | -839 Nov 17 j 14:40       | 0° <b>∡</b> ¹       |            |
| asc. node           | -840 Dec 22 j 20:02        | 12° <b>る</b> 30'16   |                  | greatest brilliancy     | -839 Nov 21 j 10:18       | 6° <b>≯</b> 00'35   | -0.8m      |
| retrograde          | -840 Dec 27 j 20:58        | 14° <b>₹</b> 42'16   |                  | evening max el          | -839 Dec 04 j 16:35       | 24° <b>₹</b> 29'45  | 19°08'23   |
| evening set         | -840 Dec 30 j 21:41        | 13° <b>る</b> 51'23   |                  | asc. node               | -839 Dec 09 j 17:05       | 28° <b>҂</b> 07'53  |            |
| inferior conj       | -839 Jan 05 j 19:16        | 86,81 <b>오</b> .8    | 3°36'48          | retrograde              | -839 Dec 11 j 16:07       | 28° <b>₹</b> 29'10  |            |
| minimum elong       | -839 Jan 05 j 17:02        | 8° <b>පි</b> 24'51   |                  | evening set             | -839 Dec 14 j 23:07       | 27° <b>∡</b> ¹26'15 |            |
| min. Earth dist.    | -839 Jan 07 j 20:39        | 5° <b>る</b> 53'53    | 0.64475 AU       | inferior conj           | -839 Dec 20 j 14:35       | 21° <b>х</b> ³36′58 | 3°08'46    |
| morning rise        | -839 Jan 11 j 11:54        | 2° <b>る</b> 12'58    |                  | minimum elong           | -839 Dec 20 j 11:45       | 21° <b>₹</b> '45'55 | 3°08'05    |
|                     | -839 Jan 15 j 01:11        | 30°R <b>✓</b>        |                  | min. Earth dist.        | -839 Dec 22 j 01:05       | 19° <b>∡</b> ¹47'55 | 0.65808 AU |
| direct              | -839 Jan 18 j 08:37        | 29° <b>∡</b> ¹21'02  |                  | morning rise            | -839 Dec 26 j 00:07       | 15° <b>∡</b> ¹26'53 |            |
|                     | -839 Jan 21 j 20:51        | 8°0                  |                  | direct                  | -838 Jan 01 j 10:46       | 12° <b>∡</b> ³37'42 |            |
| morning max el      | -839 Jan 31 j 19:53        | 7° <b>る</b> 07'42    | 27°20'13         | morning max el          | -838 Jan 14 j 05:22       | 20° <b>₹</b> '08'25 | 26°25'34   |
|                     | -                          |                      |                  |                         | -                         |                     |            |

| Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. |  |  |                    |                  |  |                                   |            |  |  |  |  |
|--|--|--|--------------------|------------------|--|-----------------------------------|------------|--|--|--|--|
| desc. node   | -838 Jan 18 j 22:41                        | 25° <b>₹</b> 19'20                       |                    | morning max el   | -838 Dec 27 j 14:07                        | 3° <b>√</b> 19'40                 | 25°10'17   |  |  |  |  |
|  | -838 Jan 22 j 17:22                        | 8°0                                      |                    | desc. node       | -837 Jan 05 j 19:43                        | 14° <b>∡</b> 10'16                |            |  |  |  |  |
|  | -838 Feb 11 j 14:03                        | 0° <b>≈</b>                              |                    |                  | -837 Jan 16 j 23:37                        | 5°0                               |            |  |  |  |  |
| morning set  | -838 Feb 19 j 07:43                        | 13° <b>≈</b> 54'17                       |                    | morning set      | -837 Feb 01 j 19:45                        | 26° <b>る</b> 10'32                |            |  |  |  |  |
| max. Earth dist.   | -838 Feb 23 j 10:49                        | 21° <b>≈</b> 51'24                       | 1.34993 AU         | •                | -837 Feb 03 j 22:20                        | 0° <b>≈</b>                       |            |  |  |  |  |
|  | -838 Feb 27 j 12:09                        | 0° <b>)</b> €                            |                    | max. Earth dist. | -837 Feb 05 j 12:30                        | 2° <b>≈</b> 56'32                 | 1.36715 AU |  |  |  |  |
|  |  |  |                    |                  |  |                                   |            |  |  |  |  |
| superior conj  | -838 Feb 28 j 02:40                        | 1° <b>∺</b> 14'19                        |                    | superior conj    | -837 Feb 11 j 16:20                        | 14° <b>≈</b> 46′46                |            |  |  |  |  |
| minimum elong  | -838 Feb 28 j 05:55                        | 1° <b>)</b> 31′03                        | 1°12'07            | minimum elong    | -837 Feb 11 j 20:02                        | 15° <b>≈</b> 05'07                | 1°34'41    |  |  |  |  |
| evening rise   | -838 Mar 07 j 18:47                        | 17° <b>∺</b> 09'54                       |                    |                  | -837 Feb 19 j 05:59                        | 0° <b>∀</b>                       |            |  |  |  |  |
| asc. node  | -838 Mar 07 j 16:25                        | 16° <b>)</b> 57'41                       |                    | evening rise     | -837 Feb 19 j 22:28                        | 1° <b>¥</b> 23′03                 |            |  |  |  |  |
|  | -838 Mar 14 j 07:16                        | 0° <b>Υ</b>                              |                    | asc. node        | -837 Feb 22 j 13:28                        | 6° <b>)</b> 36'41                 |            |  |  |  |  |
| evening max el   | -838 Mar 26 j 17:04                        | 17° <b>Ƴ</b> 43'58                       | 20°45'47           | evening max el   | -837 Mar 09 j 05:56                        | 29° <b>¥</b> 22'33                | 19°36'42   |  |  |  |  |
| retrograde   | -838 Apr 06 j 23:26                        | 23° <b>Y</b> ′09′14                      |                    |                  | -837 Mar 09 j 22:06                        | 0° <b>Υ</b>                       |            |  |  |  |  |
| evening set  | -838 Apr 09 j 04:40                        | 22° <b>Y</b> 57′28                       |                    | retrograde       | -837 Mar 18 j 19:21                        | 3° <b>Y</b> 57'18                 |            |  |  |  |  |
| desc. node   | -838 Apr 16 j 21:53                        | 19° <b>℃</b> 50'54                       |                    | evening set      | -837 Mar 20 j 23:34                        | 3° <b>℃</b> 44'07                 |            |  |  |  |  |
| inferior conj  | -838 Apr 18 j 09:51                        | 18° <b>Y</b> 59'56                       |                    |                  | -837 Mar 29 j 00:23                        | 30° <b>₹</b>                      |            |  |  |  |  |
| minimum elong  | -838 Apr 18 j 08:38                        | 19° <b>℃</b> 01'40                       |                    | inferior conj    | -837 Mar 29 j 13:08                        | 29° <b>)</b> (39'49               |            |  |  |  |  |
| min. Earth dist.   | -838 Apr 19 j 11:18                        | 18° <b>℃</b> 23'31                       | 0.55112 AU         | minimum elong    | -837 Mar 29 j 16:33                        | 29° <b>)</b> 34'21                | 1°25'31    |  |  |  |  |
| morning rise   | -838 Apr 27 j 11:49                        | 14° <b>℃</b> 49'43                       |                    | min. Earth dist. | -837 Apr 01 j 01:38                        | 28° <b>)</b> €04'03               | 0.55970 AU |  |  |  |  |
| direct   | -838 Apr 30 j 21:25                        | 14° <b>Y</b> 24'42                       | 22256126           | desc. node       | -837 Apr 03 j 18:56                        | 26° <b>)</b> € 29'55              |            |  |  |  |  |
| morning max el   | -838 May 14 j 01:26                        | 20° <b>Y</b> 46'46                       | 22°56'06           | morning rise     | -837 Apr 07 j 07:01                        | 24° <b>)</b> (59'44               |            |  |  |  |  |
|  | -838 May 21 j 20:56                        | 0°8                                      |                    | direct           | -837 Apr 11 j 16:12                        | 24° <b>)</b> €16'39               |            |  |  |  |  |
| asc. node  | -838 Jun 03 j 15:41                        | 22° <b>8</b> 21'17                       |                    |                  | -837 Apr 24 j 05:43                        | 0°Υ<br>1° <b>00</b> 20104         | 24027127   |  |  |  |  |
| morning set  | -838 Jun 05 j 17:07                        | 26° <b>8</b> 36'35                       |                    | morning max el   | -837 Apr 25 j 16:48                        | 1° <b>Υ</b> 20'04                 | 24°36'37   |  |  |  |  |
|  | -838 Jun 07 j 07:42                        | $\Pi$ °0                                 |                    | . ,              | -837 May 15 j 10:49                        | 0°8                               |            |  |  |  |  |
|  | 020 1 12:20.25                             | 1101150110                               | 1022122            | morning set      | -837 May 21 j 05:09                        | 11° <b>8</b> 36'20                |            |  |  |  |  |
| superior conj  | -838 Jun 12 j 20:35                        | 11° <b>Ⅲ</b> 50'10<br>11° <b>Ⅲ</b> 36'44 | 1°23'33<br>1°23'14 | asc. node        | -837 May 21 j 12:45                        | 12° <b>8</b> 16'21                |            |  |  |  |  |
| minimum elong  | -838 Jun 12 j 18:03                        |  |                    |                  | 027.14 20 : 05 22                          | 260 42140                         | 1005124    |  |  |  |  |
| max. Earth dist.   | -838 Jun 15 j 12:50                        | 17° <b>Ⅱ</b> 29'30                       | 1.33966 AU         | superior conj    | -837 May 28 j 05:32                        | 26° <b>8</b> 43'49                | 1°05'24    |  |  |  |  |
| evening rise   | -838 Jun 20 j 13:47                        | 27° <b>Ⅱ</b> 45'12<br>0° <b>©</b>        |                    | minimum elong    | -837 May 28 j 03:09                        | 26° <b>8</b> 30'54<br>0° <b>Ⅱ</b> | 1°05'00    |  |  |  |  |
|  | -838 Jun 21 j 17:17<br>-838 Jul 09 j 06:29 | 0°Ω<br>0 €3                              |                    | max. Earth dist. | -837 May 29 j 17:48<br>-837 May 29 j 18:21 | 0° <b>П</b> 02'57                 | 1.33071 AU |  |  |  |  |
| desc. node   | -838 Jul 13 j 21:11                        | 6° <b>Ω</b> 30'59                        |                    | evening rise     | -837 Jun 04 j 12:11                        | 12° <b>Ⅱ</b> 0237                 | 1.330/1 AU |  |  |  |  |
| evening max el   | -838 Jul 24 j 22:03                        | 19° <b>Ω</b> 24'16                       | 2701653            | evening rise     | -837 Jun 13 j 22:12                        | 0°95                              |            |  |  |  |  |
| retrograde   | -838 Aug 07 j 08:35                        | 26° <b>Ω</b> 43'54                       | 27 10 33           | desc. node       | -837 Jun 30 j 18:14                        | 25° <b>©</b> 11'37                |            |  |  |  |  |
| evening set  | -838 Aug 14 j 10:01                        | 23° <b>£</b> 58'36                       |                    | desc. Hode       | -837 Jul 04 j 23:10                        | 0°Ω                               |            |  |  |  |  |
| min. Earth dist.   | -838 Aug 18 j 03:50                        |  | 0.64612 AU         | evening max el   | -837 Jul 07 j 07:42                        | 2° <b>Ω</b> 22'14                 | 27°24'12   |  |  |  |  |
| inferior conj  | -838 Aug 20 j 09:51                        | 17° <b>Ω</b> 59'29                       |                    | retrograde       | -837 Jul 21 j 01:27                        | 9° <b>Ω</b> 41'48                 | 27 2412    |  |  |  |  |
| minimum elong  | -838 Aug 20 j 14:11                        | 17° <b>Ω</b> 47'37                       |                    | evening set      | -837 Jul 28 j 06:24                        | 7° <b>Ω</b> 07'34                 |            |  |  |  |  |
| morning rise   | -838 Aug 26 j 19:05                        | 12° <b>Ω</b> 30'29                       | 3 07 20            | min. Earth dist. | -837 Jul 31 j 20:20                        | 4°Ω07'01                          | 0.62974 AU |  |  |  |  |
| direct   | -838 Aug 29 j 11:46                        | 11° <b>£</b> 52'33                       |                    | inferior conj    | -837 Aug 03 j 15:35                        | 1°Ω22'30                          |            |  |  |  |  |
| asc. node  | -838 Aug 30 j 14:52                        | 11° <b>Ω</b> 59'15                       |                    | minimum elong    | -837 Aug 03 j 20:04                        | 1° <b>Ω</b> 11'28                 |            |  |  |  |  |
| morning max el   | -838 Sep 04 j 23:57                        | 15° <b>Ω</b> 21'01                       | 18°03'34           | 8                | -837 Aug 05 j 01:48                        | 30°Rூ                             |            |  |  |  |  |
| Č  | -838 Sep 15 j 09:28                        | 0° mp                                    |                    | morning rise     | -837 Aug 10 j 10:54                        | 26°©12'01                         |            |  |  |  |  |
| morning set  | -838 Sep 22 j 17:37                        | 12° <b>m</b> 17'38                       |                    | direct           | -837 Aug 13 j 00:02                        | 25° <b>©</b> 41'43                |            |  |  |  |  |
| Č  | -838 Oct 03 j 09:53                        | 0° <del>ٽ</del>                          |                    | asc. node        | -837 Aug 17 j 11:55                        | 27° <b>©</b> 17'32                |            |  |  |  |  |
|  | J  |  |                    | morning max el   | -837 Aug 19 j 15:29                        | 29° <b>©</b> 06'39                | 17°53'46   |  |  |  |  |
| superior conj  | -838 Oct 06 j 07:48                        | 4° <b>£</b> 42'35                        | 0°23'01            | -                | -837 Aug 20 j 12:01                        | $0^{\circ}\Omega$                 |            |  |  |  |  |
| minimum elong  | -838 Oct 06 j 10:29                        | 4° <b>ہ</b> 53'23                        | 0°22'39            | morning set      | -837 Sep 05 j 01:31                        | 24° <b>Ω</b> 37'41                |            |  |  |  |  |
| desc. node   | -838 Oct 09 j 20:29                        | 10° <b>≏</b> 20'55                       |                    | •                | -837 Sep 08 j 02:38                        | 0° <b>m</b> )                     |            |  |  |  |  |
| max. Earth dist.   | -838 Oct 10 j 17:39                        | 11° <b>≏</b> 44'53                       | 1.44596 AU         |                  |  |                                   |            |  |  |  |  |
|  | -838 Oct 22 j 09:58                        | 0°M                                      |                    | superior conj    | -837 Sep 16 j 16:57                        | 14° <b>M</b> 46'41                | 1°03'02    |  |  |  |  |
| evening rise   | -838 Oct 22 j 18:27                        | 0° <b>™</b> 32'44                        |                    | minimum elong    | -837 Sep 16 j 22:06                        | 15°Mp08'16                        | 1°02'24    |  |  |  |  |
| greatest brilliancy  | -838 Nov 05 j 13:09                        | 21°M31'38                                | -0.6m              | max. Earth dist. | -837 Sep 23 j 09:13                        | 25° <b>m</b> 45'58                | 1.43511 AU |  |  |  |  |
|  | -838 Nov 11 j 10:43                        | 0° <b>∡</b> ¹                            |                    |                  | -837 Sep 26 j 00:34                        | 0∘ <b>亚</b>                       |            |  |  |  |  |
| evening max el   | -838 Nov 17 j 22:01                        | 7° <b>∡</b> 757′20                       | 20°01'37           | desc. node       | -837 Sep 26 j 17:33                        | 1° <b>≏</b> 07'32                 |            |  |  |  |  |
| retrograde   | -838 Nov 25 j 13:29                        | 12° <b>₹</b> 26′01                       |                    | evening rise     | -837 Oct 02 j 00:48                        | 9° <b>≙</b> 26'35                 |            |  |  |  |  |
| asc. node  | -838 Nov 26 j 14:08                        | 12° <b>∡</b> 19'59                       |                    |                  | -837 Oct 15 j 15:47                        | $0^{\circ}$ M.                    |            |  |  |  |  |
| evening set  | -838 Nov 29 j 04:35                        | 11° <b>₹</b> 09'10                       |                    | evening max el   | -837 Oct 31 j 21:44                        | 21°M25'12                         | 21°08'05   |  |  |  |  |
| inferior conj  | -838 Dec 04 j 15:56                        | 5° <b>₹</b> 06'31                        | 2°31'21            | retrograde       | -837 Nov 09 j 10:51                        | 26°M29'39                         |            |  |  |  |  |
| minimum elong  | -838 Dec 04 j 13:10                        | 5° <b>⊀</b> 15'46                        | 2°30'29            | asc. node        | -837 Nov 13 j 11:09                        | 24°M58'39                         |            |  |  |  |  |
| min. Earth dist.   | -838 Dec 05 j 13:01                        | 3° <b>₹</b> 56'14                        | 0.66758 AU         | evening set      | -837 Nov 13 j 12:03                        | 24°M56'56                         |            |  |  |  |  |
|  | -838 Dec 08 j 18:27                        | 30°RM                                    |                    | inferior conj    | -837 Nov 18 j 21:01                        | 18° <b>M</b> 44'19                | 1°47'03    |  |  |  |  |
| morning rise   | -838 Dec 09 j 21:34                        | 28°M53'37                                |                    | minimum elong    | -837 Nov 18 j 18:48                        | 18° <b>M</b> 51'58                | 1°46'12    |  |  |  |  |
| direct   | -838 Dec 15 j 18:24                        | 26°M17'59                                |                    | min. Earth dist. | -837 Nov 19 j 06:17                        | 18° <b>™</b> 12'29                | 0.67345 AU |  |  |  |  |
|  | -838 Dec 23 j 22:34                        | 0° <b>∡</b> ¹                            |                    | morning rise     | -837 Nov 24 j 01:24                        | 12°M30'34                         |            |  |  |  |  |
|  |  |  |                    |                  |  |                                   |            |  |  |  |  |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 35 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. |  |                                   |             |                  |  |  |             |  |  |  |  |
|--|--|-----------------------------------|-------------|------------------|--|--|-------------|--|--|--|--|
| direct   | -837 Nov 29 j 06:59                        | 10°M14'44                         |             |                  | -836 Nov 21 j 11:36                        | $0^{\circ}$ M                            |             |  |  |  |  |
| morning max el   | -837 Dec 09 j 22:55                        | 16°M36'04                         | 23°44'19    | morning max el   | -836 Nov 21 j 10:24                        | 29° <b>≏</b> 56'58                       | 22°17'16    |  |  |  |  |
|  | -837 Dec 21 j 00:55                        | 0° <b>∡</b> ¹                     |             | desc. node       | -836 Dec 09 j 13:49                        | 23°M36'03                                |             |  |  |  |  |
| desc. node   | -837 Dec 23 j 16:47                        | 3° <b>∡</b> ³39'39                |             |                  | -836 Dec 13 j 21:02                        | 0° <b>∡</b> ¹                            |             |  |  |  |  |
|  | -836 Jan 10 j 00:25                        | 0°ಕ                               |             | morning set      | -836 Dec 24 j 16:47                        | 16° <b>₹</b> 55'17                       |             |  |  |  |  |
| morning set  | -836 Jan 14 j 08:35                        | 7° <b>る</b> 15'07                 |             | max. Earth dist. | -836 Dec 30 j 04:52                        | 26° <b>∡</b> 00'38                       | 1.40857 AU  |  |  |  |  |
| max. Earth dist.   | -836 Jan 18 j 08:01                        | 14°る08'52                         | 1.38749 AU  |                  | -835 Jan 01 j 13:12                        | 0°₹                                      |             |  |  |  |  |
| superior conj  | -836 Jan 25 j 17:00                        | 27° <b>る</b> 36'38                | -1°52'10    | superior conj    | -835 Jan 06 j 23:46                        | 9° <b>ට</b> 31'28                        | -2°00'24    |  |  |  |  |
| minimum elong  | -836 Jan 25 j 20:02                        | 27° <b>る</b> 50'57                |             | minimum elong    | -835 Jan 07 j 00:21                        | 9° <b>ට</b> 34'04                        |             |  |  |  |  |
|  | -836 Jan 26 j 23:17                        | 0° <b>≈</b>                       |             | evening rise     | -835 Jan 17 j 04:43                        | 28° <b>る</b> 19'12                       |             |  |  |  |  |
| evening rise   | -836 Feb 03 j 18:51                        | 15° <b>≈</b> 08'49                |             | 8                | -835 Jan 18 j 02:15                        | 0° <b>≈</b>                              |             |  |  |  |  |
| asc. node  | -836 Feb 09 j 10:31                        | 25° <b>≈</b> 54'22                |             | asc. node        | -835 Jan 26 j 07:32                        | 14° <b>≈</b> 43'18                       |             |  |  |  |  |
|  | -836 Feb 11 j 18:01                        | 0° <b>∀</b>                       |             | evening max el   | -835 Feb 02 j 11:24                        | 24°≈20'45                                | 18°17'31    |  |  |  |  |
| evening max el   | -836 Feb 20 j 04:54                        | 11° <b>¥</b> 37′08                | 18°47'04    | retrograde       | -835 Feb 09 j 14:39                        | 27° <b>≈</b> 53'50                       |             |  |  |  |  |
| retrograde   | -836 Feb 28 j 07:46                        | 15° <b>¥</b> 33'11                |             | evening set      | -835 Feb 12 j 03:54                        | 27° <b>≈</b> 27'38                       |             |  |  |  |  |
| evening set  | -836 Mar 01 j 16:14                        | 15° <b>)</b> 14′39                |             | inferior conj    | -835 Feb 19 j 05:51                        | 22° <b>≈</b> 46′08                       | 3°35'55     |  |  |  |  |
| inferior conj  | -836 Mar 09 j 11:03                        | 10° <b>¥</b> 53'45                |             | minimum elong    | -835 Feb 19 j 08:31                        | 22° <b>≈</b> 40′22                       | 3°35'34     |  |  |  |  |
| minimum elong  | -836 Mar 09 j 15:28                        | 10° <b>)</b> 45′35                |             | min. Earth dist. | -835 Feb 22 j 15:25                        | 19° <b>≈</b> 52′02                       | 0.59580 AU  |  |  |  |  |
| min. Earth dist.   | -836 Mar 12 j 18:20                        |                                   | 0.57568 AU  | morning rise     | -835 Feb 26 j 10:57                        | 17° <b>≈</b> 10′03                       |             |  |  |  |  |
| morning rise   | -836 Mar 17 j 11:49                        | 5° <b>)</b> 41′33                 |             | direct           | -835 Mar 04 j 22:04                        | 15°≈16'32                                |             |  |  |  |  |
| desc. node   | -836 Mar 20 j 15:57                        | 4° <b>)</b> (40′27                |             | desc. node       | -835 Mar 07 j 12:59                        | 15° <b>≈</b> 34'33                       |             |  |  |  |  |
| direct   | -836 Mar 23 j 00:37                        | 4° <b>)</b> € 26'40               | 2 (00 510 4 | morning max el   | -835 Mar 19 j 05:02                        |  | 27°12'49    |  |  |  |  |
| morning max el   | -836 Apr 06 j 08:34                        | 11° <b>¥</b> 56'32                | 26°07'04    |                  | -835 Mar 25 j 11:00                        | 0° <b>)</b> €                            |             |  |  |  |  |
| . ,  | -836 Apr 20 j 08:51                        | 0°Υ<br>269 <b>W</b> 22157         |             | . ,              | -835 Apr 13 j 08:57                        | 0°Υ<br>11° <b>%</b> 23'07                |             |  |  |  |  |
| morning set  | -836 May 04 j 16:37                        | 26° <b>Y</b> 33'57<br>0° <b>と</b> |             | morning set      | -835 Apr 19 j 01:47                        | 11° <b>Υ</b> 23'07<br>22° <b>Υ</b> 32'07 |             |  |  |  |  |
| asc. node  | -836 May 06 j 07:29<br>-836 May 07 j 09:49 | 2° <b>8</b> 21'35                 |             | asc. node        | -835 Apr 24 j 06:53                        | 22 1 32 07                               |             |  |  |  |  |
| asc. node  | -830 May 07 J 09.49                        | 2 02133                           |             | superior conj    | -835 Apr 26 j 04:28                        | 26° <b>Ƴ</b> 41'39                       | 0°19'59     |  |  |  |  |
| superior conj  | -836 May 11 j 16:44                        | 11° <b>8</b> 43'04                | 0°43'56     | minimum elong    | -835 Apr 26 j 03:35                        | 26° <b>Υ</b> 36'47                       | 0°19'49     |  |  |  |  |
| minimum elong  | -836 May 11 j 14:56                        | 11° <b>8</b> 33'11                |             | max. Earth dist. | -835 Apr 25 j 18:08                        | 25° <b>Υ</b> 44'59                       | 1.32375 AU  |  |  |  |  |
| max. Earth dist.   | -836 May 12 j 05:19                        |                                   | 1.32544 AU  | max. Earth dist. | -835 Apr 27 j 16:37                        | 0°8                                      | 1.52575710  |  |  |  |  |
| evening rise   | -836 May 18 j 17:12                        | 26° <b>8</b> 48'27                | 1.520 11110 | evening rise     | -835 May 03 j 02:25                        | 11° <b>8</b> 40'25                       |             |  |  |  |  |
| Ü  | -836 May 20 j 06:27                        | 0°II                              |             | S                | -835 May 12 j 11:44                        | 0° <b>I</b> I                            |             |  |  |  |  |
|  | -836 Jun 06 j 10:03                        | 0ං <b>ම</b>                       |             | evening max el   | -835 May 31 j 11:33                        | 26° <b>Ⅱ</b> 20′26                       | 26°02'04    |  |  |  |  |
| desc. node   | -836 Jun 16 j 15:15                        | 12°549'30                         |             | desc. node       | -835 Jun 03 j 12:14                        | 28° <b>Ⅱ</b> 58'54                       |             |  |  |  |  |
| evening max el   | -836 Jun 18 j 12:47                        | 14° <b>5</b> 643'07               | 26°59'05    |                  | -835 Jun 04 j 21:01                        | 0°€                                      |             |  |  |  |  |
| retrograde   | -836 Jul 02 j 11:32                        | 22° <b>©</b> 00'52                |             | retrograde       | -835 Jun 14 j 13:04                        | 3° <b>5</b> 34'17                        |             |  |  |  |  |
| evening set  | -836 Jul 09 j 10:05                        | 19° <b>©</b> 51'53                |             | evening set      | -835 Jun 20 j 16:42                        | 2° <b>5</b> 02'07                        |             |  |  |  |  |
| min. Earth dist.   | -836 Jul 13 j 02:39                        | 17° <b>©</b> 10'20                | 0.61039 AU  |                  | -835 Jun 24 j 02:54                        | 30°Ŗ <b>Ⅱ</b>                            |             |  |  |  |  |
| inferior conj  | -836 Jul 16 j 08:14                        | 14° <b>©</b> 23'13                | -4°27'10    | min. Earth dist. | -835 Jun 25 j 00:19                        | 29° <b>Ⅱ</b> 22'25                       | 0.58977 AU  |  |  |  |  |
| minimum elong  | -836 Jul 16 j 11:26                        | 14°916'17                         | 4°26'47     | inferior conj    | -835 Jun 28 j 08:15                        | 26° <b>Ⅱ</b> 52'50                       |             |  |  |  |  |
| morning rise   | -836 Jul 23 j 14:31                        | 9° <b>©</b> 33'54                 |             | minimum elong    | -835 Jun 28 j 08:12                        | 26° <b>∏</b> 52'54                       | 4°39'53     |  |  |  |  |
| direct   | -836 Jul 26 j 02:16                        | 9°509'00                          | 10000111    | morning rise     | -835 Jul 06 j 02:06                        | 22° <b>I</b> I25'41                      |             |  |  |  |  |
| morning max el   | -836 Aug 02 j 04:50                        | 12°939'38                         | 18°02'41    | direct           | -835 Jul 08 j 14:16                        | 22° <b>I</b> 104'30                      | 10021120    |  |  |  |  |
| asc. node  | -836 Aug 03 j 09:00                        | 13°952'40                         |             | morning max el   | -835 Jul 16 j 12:59                        | 25° <b>Ⅱ</b> 51'43                       | 18°31'28    |  |  |  |  |
| marning aat  | -836 Aug 13 j 20:58                        | 0° <b>Ω</b><br>7° <b>Ω</b> 48'22  |             | asc. node        | -835 Jul 20 j 03:58                        | 0°ഇ<br>1° <b>ഇ</b> 29'40                 |             |  |  |  |  |
| morning set  | -836 Aug 18 j 03:05                        | 1 0640 22                         |             | morning set      | -835 Jul 21 j 06:05<br>-835 Aug 01 j 17:29 | 21°937'30                                |             |  |  |  |  |
| superior conj  | -836 Aug 28 j 05:16                        | 26° <b>Ω</b> 11'06                | 1°29'50     | morning set      | -835 Aug 06 j 01:43                        | 0°Ω                                      |             |  |  |  |  |
| minimum elong  | -836 Aug 28 j 09:28                        | 26° <b>Ω</b> 29'37                | 1°29'28     |                  | 555 Fing 00 J 01.45                        | · 06                                     |             |  |  |  |  |
| minimum ciong  | -836 Aug 30 j 09:31                        | 0° <b>m</b> )                     | 1 2) 20     | superior conj    | -835 Aug 10 j 16:29                        | 8° <b>Ω</b> 44'12                        | 1°43'58     |  |  |  |  |
| max. Earth dist.   | -836 Sep 04 j 19:08                        | 9° <b>m</b> <sub>2</sub> 11'33    | 1.41893 AU  | minimum elong    | -835 Aug 10 j 18:28                        |  | 1°43'54     |  |  |  |  |
| evening rise   | -836 Sep 10 j 16:31                        | 18° <b>m</b> ) 48'16              |             | max. Earth dist. | -835 Aug 17 j 23:51                        | 21° <b>Ω</b> 54'37                       | 1.39964 AU  |  |  |  |  |
| desc. node   | -836 Sep 12 j 14:34                        | 21° m/51'00                       |             | evening rise     | -835 Aug 22 j 06:51                        | 29° <b>Ω</b> 14'24                       |             |  |  |  |  |
|  | -836 Sep 17 j 20:41                        | 0∘ <del>⊽</del>                   |             | ٥                | -835 Aug 22 j 17:46                        | 0° <b>m</b> p                            |             |  |  |  |  |
|  | -836 Oct 09 j 06:36                        | 0° <b>M</b>                       |             | desc. node       | -835 Aug 30 j 11:35                        | 12° <b>m</b> 28'04                       |             |  |  |  |  |
| evening max el   | -836 Oct 13 j 15:40                        | 4°M53'22                          | 22°24'07    |                  | -835 Sep 11 j 08:18                        | 0∘ <b>⊽</b>                              |             |  |  |  |  |
| retrograde   | -836 Oct 23 j 06:26                        | 10°M36'29                         |             | evening max el   | -835 Sep 26 j 05:23                        | 18° <b>≏</b> 24'33                       | 23°44'20    |  |  |  |  |
| evening set  | -836 Oct 27 j 19:43                        | 8°M46'18                          |             | retrograde       | -835 Oct 06 j 22:48                        | 24° <b>≏</b> 43'57                       |             |  |  |  |  |
| asc. node  | -836 Oct 30 j 08:12                        | 6°M₁11′23                         |             | evening set      | -835 Oct 12 j 01:56                        | 22° <b>≏</b> 35'30                       |             |  |  |  |  |
| inferior conj  | -836 Nov 02 j 03:51                        | 2°M27'25                          | 0°57'38     | inferior conj    | -835 Oct 17 j 10:40                        | 16° <b>≙</b> 14'15                       | 0°04'42     |  |  |  |  |
| minimum elong  | -836 Nov 02 j 02:33                        | 2°M31'55                          | 0°57'05     | minimum elong    | -835 Oct 17 j 10:33                        | 16° <b>≙</b> 14'38                       | 0°04'38     |  |  |  |  |
| min. Earth dist.   | -836 Nov 02 j 02:25                        | 2°M32'23                          | 0.67600 AU  | transit middle   | -835 Oct 17 j 10:33                        | 16° <b>£</b> 14'38                       | 0°04'38     |  |  |  |  |
|  | -836 Nov 03 j 23:16                        | 30° <b>₹</b> Ω                    |             | transit begin    | -835 Oct 17 j 07:57                        | 16° <b>£</b> 23'31                       |             |  |  |  |  |
| morning rise   | -836 Nov 07 j 09:15                        | 26° <b>£</b> 15′09                |             | transit end      | -835 Oct 17 j 13:09                        | 16° <b>Ω</b> 05'46                       | 0 67544 417 |  |  |  |  |
| direct   | -836 Nov 11 j 23:51                        | 24° <b>≏</b> 21'30                |             | min. Earth dist. | -835 Oct 16 j 22:57                        | 16° <b>≙</b> 54'10                       | 0.67544 AU  |  |  |  |  |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -835 Oct 17 i 05:14 16°**♀**32'48 inferior conj -834 Oct 01 i 15:43 0° **2**02'11 -0°50'19 asc. node -835 Oct 22 j 19:07 10°**£**06'08 -834 Oct 01 j 16:58 29° m 58'06 0°49'47 morning rise minimum elong -835 Oct 26 j 19:57 8°**£**34'16 -834 Oct 01 j 16:23 30°R M direct -835 Nov 04 j 03:53 13°**2**26'07 20°56'57 -834 Oct 04 j 02:17 26° m 57'36 morning max el asc. node -835 Nov 17 j 01:48 morning rise -834 Oct 07 j 05:03 0°M 24° m 01'12 -834 Oct 10 j 17:59 desc. node -835 Nov 26 j 10:51 13°M51'57 direct 22° m/48'51 27° **m** 05'13 morning set -835 Dec 03 j 22:34 25°M22'57 morning max el -834 Oct 18 j 05:02 19°48'32 -835 Dec 06 j 21:03 0°**∡** -834 Oct 20 j 19:56 0∘**⊽**  $0^{\circ}$ M 1.42745 AU max. Earth dist. -835 Dec 12 j 08:48 8°**х**⁴48'30 -834 Nov 10 j 12:13 morning set -834 Nov 12 j 19:35  $3^{\circ}$ M $_{3}3'44$ superior conj -835 Dec 19 j 07:14 20° ₹ 18'52 -1°55'25 desc. node -834 Nov 13 j 07:54 4°M21'21 -835 Dec 19 j 03:30 20°**₹**03'04 1°55'16 minimum elong max. Earth dist. -834 Nov 24 j 20:41 22°M26'13 1.44146 AU -835 Dec 24 j 22:18 0°ಕ evening rise -835 Dec 31 j 00:18 10°る46'34 superior conj -834 Nov 29 j 11:42 29°M51'21 -1°33'15 -834 Jan 11 j 04:43 0°**≈** minimum elong -834 Nov 29 j 04:01 29°M20'19 1°32'34 asc. node -834 Jan 13 j 04:33 2°≈54'51 -834 Nov 29 j 13:50 0°**⊼** evening max el -834 Jan 16 j 22:24 7°**≈**25′03 18°07'43 evening rise -834 Dec 13 j 01:16 22°×22'49 retrograde -834 Jan 23 j 13:10 10°≈50'23 -834 Dec 17 j 12:49 0°정 evening set -834 Jan 26 j 06:43 10°≈15'15 asc. node -834 Dec 31 j 01:33 20°る17'55 18°17'05 inferior conj -834 Feb 01 j 19:07 5°≈12'23 3°52'40 evening max el -834 Dec 31 j 10:58 20°る42'19 minimum elong -834 Feb 01 j 19:25 5°≈11'38 3°52'39 retrograde -833 Jan 06 j 22:58 24°る12'53 min. Earth dist. -834 Feb 04 i 19:33 2°≈14'34 0.61661 AU evening set -833 Jan 09 i 20:51 23°る27'58 -834 Feb 07 i 09:40 30°Rる inferior conj -833 Jan 15 j 23:00 18°る05'03 3°47'19 morning rise -834 Feb 08 i 06:51 29°る21'01 minimum elong -833 Jan 15 j 21:27 18°る09'20 3°47'10 direct -834 Feb 15 i 05:36 26°る54'17 min. Earth dist. -833 Jan 18 j 09:04 15°**る**24'31 0.63539 AU desc. node -834 Feb 22 j 10:01 -833 Jan 21 j 21:24 12°る03'48 29°る10'34 morning rise -834 Feb 23 j 16:56 -833 Jan 28 j 21:11 9°**ප**17'04 0°≈≈ direct -834 Mar 01 j 07:37 -833 Feb 09 j 07:04 14°る54'53 morning max el 4°≈43'34 27°44'14 desc. node -834 Mar 20 j 04:52 0°**)**€ -833 Feb 11 j 15:10 17°る06'32 27°38'55 morning max el -834 Apr 03 j 06:41 25°\ 56'52 -833 Feb 22 j 09:24 0°≈ morning set -834 Apr 05 j 05:40  $0^{\circ}\Upsilon$ -833 Mar 12 j 22:47 0°) 8°**Υ**29'06 1.32580 AU 10°**)**€07'40 max. Earth dist. -834 Apr 09 j 05:07 -833 Mar 18 j 05:01 morning set max. Earth dist. -833 Mar 23 j 10:27 20°**₭**51'47 1.33178 AU 11° Y 33'21 -0° 05'41 -834 Apr 10 j 15:03 superior conj 11°**Y**′34'47 0°05'36 -834 Apr 10 j 15:18 -833 Mar 25 j 22:45 26°¥12'32 -0°32'07 minimum elong superior conj 26°**¥**20'41 0°31'47 -834 Apr 10 j 10:30 11°**Y**08'38 -833 Mar 26 j 00:16 behind sun begin minimum elong -834 Apr 10 j 20:06 12°Υ00'56 -833 Mar 27 j 17:04  $0^{\circ}\Upsilon$ behind sun end asc. node -834 Apr 11 j 03:54 12°\bar{Y}43'26 asc. node -833 Mar 29 j 00:56 2°Y51'49 -834 Apr 17 j 13:48 26°**Y**35'42 -833 Apr 02 j 01:31 11°Y28'01 evening rise evening rise -834 Apr 19 j 04:51  $0^{\circ}$ 8 -833 Apr 11 j 14:51 0°8 -834 May 06 j 18:12  $0^{\circ}II$ evening max el -833 Apr 24 j 19:18 17°**8**53'16 23°05'16 -834 May 13 j 04:19 7°II17'05 24°39'47 retrograde -833 May 08 j 04:58 24°**8**32'43 evening max el -834 May 21 j 09:15 13°**II**05'00 -833 May 08 j 06:16 24°832'43 desc. node desc. node -834 May 27 j 03:19 14°**Ⅲ**20'44 -833 May 11 j 16:14 24°**8**06'20 retrograde evening set -834 Jun 01 j 00:28 13°**Ⅲ**26′55 -833 May 19 j 04:53 20°844'49 0.55652 AU evening set min. Earth dist. -834 Jun 06 i 15:55 10°**I**32'42 0.57068 AU 19°846'04 -3°17'39 min. Earth dist. inferior conj -833 May 20 j 21:16 -834 Jun 09 j 12:32 -833 May 20 j 14:16 inferior conj 8°**II**41'16 -4°20'18 minimum elong 19°856'18 3°15'48 -834 Jun 09 i 08:01 8°**II**48'39 4°19'41 -833 May 29 j 14:51 minimum elong morning rise 15°**8**51'16 morning rise -834 Jun 17 j 18:24 4°**Ⅱ**34'16 direct -833 Jun 01 i 07:30 15°**8**33'55 direct -834 Jun 20 j 08:14 4°**I**15'40 -833 Jun 12 j 02:23 20°833'52 20°31'28 morning max el -834 Jun 29 j 12:53 8°II32'23 19°21'07 -833 Jun 19 j 18:02  $0^{\circ}\Pi$ morning max el -834 Jul 08 j 03:08 19°**Ⅲ**53'47 -833 Jun 25 j 00:12 8°**Ⅲ**53'58 asc. node asc. node -834 Jul 13 j 16:47 0ಂತಾ -833 Jun 30 j 22:26 20°**Ⅱ**30'57 morning set -834 Jul 16 j 16:52 5°954'15 -833 Jul 05 j 12:51 0ಂತಾ morning set -834 Jul 24 j 20:50 22°909'08 1°47'38 superior conj -833 Jul 08 j 13:27 6°9512'09 1°43'04 superior conj 22°508'33 1°47'38 -834 Jul 24 j 20:43 minimum elong -833 Jul 08 j 11:52 6°904'05 1°42'59 minimum elong -834 Jul 28 j 23:04  $0^{\circ}\Omega$ -833 Jul 13 j 09:36 15°950'02 1.36146 AU max. Earth dist. max. Earth dist. -834 Jul 31 j 02:53 4°**Ω**00'50 1.37971 AU -833 Jul 17 j 10:56 23°531'58 evening rise -834 Aug 03 j 22:10 -833 Jul 21 j 00:33 evening rise 10°**Ω**51'45 0 $^{\circ}$  $\Omega$ -834 Aug 15 j 11:27 0° m desc. node -833 Aug 04 j 05:37 23°**Ω**02'04 desc. node -834 Aug 17 j 08:36 2° m 53'41 -833 Aug 09 j 03:12 0° m -834 Sep 06 j 18:35 0∘**⊽** evening max el -833 Aug 22 j 04:27 15° Tp 34'40 26°09'39 evening max el -834 Sep 08 j 17:04 1°**≏**59'11 25°02'03 retrograde -833 Sep 03 j 18:31 22° m 43'19 retrograde -834 Sep 20 j 11:02 8°**£**47'53 evening set -833 Sep 10 j 02:51 20° m 03'38 -834 Sep 26 j 04:57 -833 Sep 14 j 07:20 15° Mp 34'10 0.66458 AU evening set 6°**£**22'03 min. Earth dist.

-833 Sep 15 j 17:12

13° m/48'55 -1°45'45

min. Earth dist.

-834 Sep 30 j 17:23

1°**2**15'38 0.67170 AU

inferior conj

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 37 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: | The year -900 in    | astronomical cou | inting style is the year | 901 BCE in historical cou | unting style.           | _          |
|---------------------|---------------------------|---------------------|------------------|--------------------------|---------------------------|-------------------------|------------|
| minimum elong       | -833 Sep 15 j 19:50       | 13° <b>m</b> 40'43  | 1°44'41          |                          | -832 Aug 27 j 09:11       | $30^{\circ}$ R $\Omega$ |            |
| asc. node           | -833 Sep 20 j 23:22       | 8° <b>m</b> 20'11   |                  | min. Earth dist.         | -832 Aug 27 j 14:33       | 29° <b>Ω</b> 44'54      | 0.65382 AU |
| morning rise        | -833 Sep 21 j 13:06       | 7° <b>m</b> 58'00   |                  | inferior conj            | -832 Aug 29 j 13:02       | 27° <b>Ω</b> 30′59      |            |
| direct              | -833 Sep 24 j 16:14       | 7° <b>m</b> 01'55   |                  | minimum elong            | -832 Aug 29 j 16:54       | 27° <b>Ω</b> 19'53      | 2°38'14    |
| morning max el      | -833 Oct 01 j 13:14       | 10° <b>m</b> 52'44  | 18°54'51         | morning rise             | -832 Sep 04 j 17:02       | 21° <b>Ω</b> 53'13      |            |
|                     | -833 Oct 15 j 07:46       | 0∘ <b>⊽</b>         |                  | asc. node                | -832 Sep 06 j 20:27       | 21° <b>Ω</b> 12'17      |            |
| morning set         | -833 Oct 23 j 08:03       | 12° <b>≏</b> 36′22  |                  | direct                   | -832 Sep 07 j 12:44       | 21° <b>Ω</b> 09'45      |            |
| desc. node          | -833 Oct 31 j 04:55       | 24° <b>£</b> 59'54  |                  | morning max el           | -832 Sep 14 j 02:23       | 24° <b>Ω</b> 44'15      | 18°17'25   |
|                     | -833 Nov 03 j 09:19       | 0° <b>M</b>         |                  |                          | -832 Sep 18 j 10:33       | O° Mp                   |            |
| max. Earth dist.    | -833 Nov 07 j 13:39       | 6°M34'24            | 1.44893 AU       | morning set              | -832 Oct 03 j 00:19       | 23°M 02'09              |            |
|                     |                           |                     |                  |                          | -832 Oct 07 j 06:37       | 0∘ <b>ಹ</b>             |            |
| superior conj       | -833 Nov 08 j 17:38       | 8°M24'37            |                  | desc. node               | -832 Oct 17 j 01:58       | 15° <b>≏</b> 44'18      |            |
| minimum elong       | -833 Nov 08 j 10:59       | 7°M58'28            | 0°52'53          |                          |                           |                         |            |
|                     | -833 Nov 22 j 06:51       | 0° <b>∡</b>         |                  | superior conj            | -832 Oct 17 j 18:56       | 16° <b>£</b> 51'29      |            |
| evening rise        | -833 Nov 24 j 03:35       | 3° <b>∡</b> ′00'43  |                  | minimum elong            | -832 Oct 17 j 18:20       | 16° <b>≏</b> 49'06      | 0°04'34    |
|                     | -833 Dec 11 j 11:29       |                     |                  | behind sun begin         | -832 Oct 17 j 07:37       | 16° <b>≏</b> 06'39      |            |
| evening max el      | -833 Dec 14 j 22:25       | 4° <b>る</b> 05'56   | 18°44'41         | behind sun end           | -832 Oct 18 j 05:03       | 17° <b>≏</b> 31'31      |            |
| asc. node           | -833 Dec 17 j 22:36       | 6° <b>る</b> 38'23   |                  | max. Earth dist.         | -832 Oct 20 j 08:11       | 20° <b>≙</b> 53'17      | 1.44908 AU |
| retrograde          | -833 Dec 21 j 15:48       | 7° <b>る</b> 52'31   |                  |                          | -832 Oct 26 j 03:32       | 0°M                     |            |
| evening set         | -833 Dec 24 j 18:58       | 6° <b>る</b> 56'41   |                  | evening rise             | -832 Nov 03 j 06:11       | 12°M40'34               |            |
| inferior conj       | -833 Dec 30 j 13:39       | 1° <b>る</b> 16'05   | 3°26'14          |                          | -832 Nov 14 j 09:59       | 0° <b>∡</b> ¹           |            |
| minimum elong       | -833 Dec 30 j 11:04       | 1° <b>る</b> 23'55   | 3°25'45          | greatest brilliancy      | -832 Nov 14 j 18:22       | 0° <b>∡</b> ³32'01      | -0.7m      |
|                     | -833 Dec 31 j 14:36       | 30°₽ <b>ᡘ</b>       |                  | evening max el           | -832 Nov 27 j 06:34       | 17° <b>∡</b> ³33′00     | 19°29'08   |
| min. Earth dist.    | -832 Jan 01 j 08:28       | 29° <b>₰</b> 06'09  | 0.65086 AU       | asc. node                | -832 Dec 03 j 19:40       | 21° <b>∡</b> 741'38     |            |
| morning rise        | -832 Jan 05 j 02:49       | 25° <b>∡</b> ¹08'18 |                  | retrograde               | -832 Dec 04 j 12:18       | 21° <b>∡</b> ⁴44'21     |            |
| direct              | -832 Jan 11 j 19:41       | 22° <b>∡</b> 16′16  |                  | evening set              | -832 Dec 07 j 22:24       | 20° <b>∡</b> ¹35'55     |            |
| morning max el      | -832 Jan 25 j 00:54       | 29° <b>х</b> 57'49  | 27°00'10         | inferior conj            | -832 Dec 13 j 11:54       | 14° <b>∡</b> ¹40'32     | 2°53'54    |
| -                   | -832 Jan 25 j 01:46       | 5°0                 |                  | minimum elong            | -832 Dec 13 j 09:02       | 14° <b>∡</b> ¹49'51     | 2°53'06    |
| desc. node          | -832 Jan 27 j 04:07       | 2° <b>る</b> 11'39   |                  | min. Earth dist.         | -832 Dec 14 j 16:32       | 13° <b>∡</b> ¹07'35     | 0.66259 AU |
|                     | -832 Feb 16 j 07:47       | 0° <b>≈</b>         |                  | morning rise             | -832 Dec 18 j 19:24       | 8° <b>∡</b> ¹28'41      |            |
| morning set         | -832 Feb 29 j 17:34       | 23° <b>≈</b> 44'30  |                  | direct                   | -832 Dec 25 j 00:24       | 5° <b>х</b> 44'06       |            |
| C                   | -832 Mar 03 j 22:07       | 0° <b>₩</b>         |                  | morning max el           | -831 Jan 06 j 10:18       | 13° <b>√</b> 04'54      | 25°55'23   |
| max. Earth dist.    | -832 Mar 05 j 06:06       |                     | 1.34201 AU       | desc. node               | -831 Jan 13 j 01:10       | 20° <b>҂</b> ³34'15     |            |
|                     | J                         |                     |                  |                          | -831 Jan 20 j 03:38       | 0°ಕ                     |            |
| superior conj       | -832 Mar 09 j 01:30       | 10° <b>¥</b> 31'38  | -0°58'16         |                          | -831 Feb 08 j 00:44       | 0° <b>≈</b>             |            |
| minimum elong       | -832 Mar 09 j 04:13       | 10° <b>¥</b> 45'49  |                  | morning set              | -831 Feb 11 j 16:07       | 6° <b>≈</b> 34'51       |            |
| asc. node           | -832 Mar 14 j 21:58       | 22° <b>¥</b> 52'18  |                  | max. Earth dist.         | -831 Feb 15 j 13:42       | 13° <b>≈</b> 55'49      | 1.35678 AU |
| evening rise        | -832 Mar 16 j 11:41       | 26° <b>)</b> €09'52 |                  |                          |                           |                         |            |
|                     | -832 Mar 18 j 08:20       |                     |                  | superior conj            | -831 Feb 20 j 20:51       | 24° <b>≈</b> 23'39      | -1°22'40   |
| evening max el      | -832 Apr 05 j 15:27       | 28° <b>Ƴ</b> 38'20  | 21°33'11         | minimum elong            | -831 Feb 21 j 00:24       | 24°≈41'36               |            |
| evening man er      | -832 Apr 07 j 03:30       | 0°8                 | 21 00 11         | mmmam viong              | -831 Feb 23 j 14:51       | 0° <b>)</b> €           | 1 22 10    |
| retrograde          | -832 Apr 17 j 20:34       |                     |                  | evening rise             | -831 Feb 28 j 18:22       | 10° <b>)</b> 35′11      |            |
| evening set         | -832 Apr 20 j 07:46       | 4° <b>8</b> 20'51   |                  | asc. node                | -831 Mar 01 j 19:00       | 12° <b>)</b> (40'27     |            |
| desc. node          | -832 Apr 24 j 03:18       | 3° <b>8</b> 10'37   |                  | use. noue                | -831 Mar 11 j 04:22       | 0°Υ                     |            |
| inferior conj       | -832 Apr 29 j 17:13       | 0° <b>8</b> 19'07   | -1°34'22         | evening max el           | -831 Mar 18 j 21:56       | 9° <b>Υ</b> 55'20       | 20°14'05   |
| minimum elong       | -832 Apr 29 j 12:50       | 0° <b>8</b> 25'16   |                  | retrograde               | -831 Mar 29 j 10:56       | 14° <b>Υ</b> 58'16      | 20 1.00    |
| min. Earth dist.    | -832 Apr 29 j 17:57       | 0° <b>8</b> 18'06   |                  | evening set              | -831 Mar 31 j 14:21       | 14° <b>Υ</b> 46'39      |            |
| mm. Earth dist.     | -832 Apr 30 j 06:51       | 30°RY               | 0.55055710       | inferior conj            | -831 Apr 09 j 13:49       | 10° <b>Υ</b> 48'12      | 0°24'27    |
| morning rise        | -832 May 08 j 18:37       | 26° <b>Y</b> 19'55  |                  | minimum elong            | -831 Apr 09 j 14:55       | 10° <b>Υ</b> 46'34      | 0°24'04    |
| direct              | -832 May 11 j 18:48       | 26° <b>Y</b> 00'07  |                  | desc. node               | -831 Apr 11 j 00:21       | 9° <b>Υ</b> 56'54       | 0 24 04    |
| direct              | -832 May 22 j 00:11       | 0° <b>8</b>         |                  | min. Earth dist.         | -831 Apr 11 j 08:00       | 9° <b>Υ</b> 45'39       | 0.55369 AU |
| morning max el      | -832 May 24 j 05:02       | 1° <b>8</b> 52'53   | 21°50'50         | morning rise             | -831 Apr 18 j 13:41       | 6°Υ25'55                | 0.55507 AC |
| asc. node           | -832 Jun 10 j 21:16       | 28° <b>8</b> 20'48  | 21 3730          | direct                   | -831 Apr 22 j 08:08       | 5° <b>Υ</b> 54'51       |            |
| asc. node           | -832 Jun 11 j 17:11       | 0° <b>Ⅱ</b>         |                  | morning max el           | -831 May 05 j 23:05       | 12° <b>Υ</b> 37'11      | 23°39'07   |
| morning set         | -832 Jun 14 j 07:56       | 5° <b>Ⅱ</b> 20'56   |                  | morning max er           | -831 May 19 j 03:53       | 0° <b>8</b>             | 23 3901    |
| morning set         | -832 Juli 14 J 07.30      | 3 H2030             |                  | asc. node                | -831 May 28 j 18:19       | 18° <b>8</b> 07'05      |            |
| gunariar aani       | 922 Jun 21 ; 14:22        | 20° <b>Ⅱ</b> 41'40  | 1°32'09          |                          |                           | 20° <b>8</b> 18'20      |            |
| superior conj       | -832 Jun 21 j 14:33       |                     |                  | morning set              | -831 May 29 j 19:28       | 0° <b>Ⅱ</b>             |            |
| minimum elong       | -832 Jun 21 j 12:12       | 20° <b>Ⅱ</b> 29'17  | 1°31'55          |                          | -831 Jun 03 j 08:19       | 0.П                     |            |
| max. Earth dist.    | -832 Jun 25 j 00:33       | 27° <b>Ⅱ</b> 46'35  | 1.34644 AU       | aumoni '                 | 021 Jun 05: 21 17         | 50T00124                | 1016410    |
| ovenie – -i-        | -832 Jun 26 j 02:51       | 0°99                |                  | superior conj            | -831 Jun 05 j 21:17       | 5° <b>Ⅱ</b> 28'34       |            |
| evening rise        | -832 Jun 29 j 16:10       |                     |                  | minimum elong            | -831 Jun 05 j 18:45       | 5° <b>I</b> I15'00      | 1°15'56    |
|                     | -832 Jul 12 j 15:28       | 0° <b>Ω</b>         |                  | max. Earth dist.         | -831 Jun 08 j 01:09       | 10° <b>I</b> 105'38     | 1.33532 AU |
| desc. node          | -832 Jul 21 j 02:39       | 12° <b>Ω</b> 45'33  | 26050122         | evening rise             | -831 Jun 13 j 09:21       | 21° <b>II</b> 07'59     |            |
| evening max el      | -832 Aug 03 j 16:09       | 29° <b>Ω</b> 04'31  | 26°59'23         |                          | -831 Jun 17 j 23:02       | 0°©                     |            |
|                     | -832 Aug 04 j 15:47       | 0° m/y              |                  |                          | -831 Jul 06 j 13:29       | 0°N                     |            |
| retrograde          | -832 Aug 16 j 20:59       | 6° Mp 23'20         |                  | desc. node               | -831 Jul 07 j 23:42       | 1° <b>£</b> 53′08       | 27022176   |
| evening set         | -832 Aug 23 j 17:21       | 3° <b>m</b> 36'59   |                  | evening max el           | -831 Jul 17 j 03:15       | 12° <b>Ω</b> 17'59      | 21~23'58   |
|                     |                           |                     |                  |                          |                           |                         |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 38 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom          | ical year style is used: The               | he year -900 in                          | astronomical cour | nting style is the year        | 901 BCE in historical cou                  | nting style.                           |            |
|------------------------------|--|--|-------------------|--------------------------------|--|--|------------|
| retrograde                   | -831 Jul 30 j 17:41                        | 19° <b>Ω</b> 38'45                       |                   | retrograde                     | -830 Jul 13 j 07:43                        | 2° <b>Ω</b> 20′57                      |            |
| evening set                  | -831 Aug 06 j 21:23                        | 16° <b>Ω</b> 56'31                       |                   | evening set                    | -830 Jul 20 j 11:12                        | 29° <b>©</b> 56'09                     |            |
| min. Earth dist.             | -831 Aug 10 j 13:00                        |  | 0.63944 AU        |                                | -830 Jul 20 j 08:53                        | 30°ષ્ટ્રજી                             |            |
| inferior conj                | -831 Aug 13 j 00:45                        | 11° <b>Ω</b> 02'46                       |                   | min. Earth dist.               | -830 Jul 24 j 01:20                        | 27° <b>©</b> 05'12                     | 0.62176 AU |
| minimum elong                | -831 Aug 13 j 05:18                        | 10° <b>Ω</b> 50'52                       | 3°27'50           | inferior conj                  | -830 Jul 27 j 01:23                        | 24°917'44                              |            |
| morning rise                 | -831 Aug 19 j 14:09                        | 5° <b>Ω</b> 41'12                        |                   | minimum elong                  | -830 Jul 27 j 05:32                        | 24°508'01                              | 4°09'14    |
| direct                       | -831 Aug 22 j 04:54                        | 5° <b>Ω</b> 06'58                        |                   | morning rise                   | -830 Aug 03 j 01:13                        | 19° <b>©</b> 15'38                     |            |
| asc. node                    | -831 Aug 24 j 17:31                        | 5° <b>Ω</b> 39'13                        |                   | direct                         | -830 Aug 05 j 13:32                        | 18° <b>©</b> 47'49                     |            |
| morning max el               | -831 Aug 28 j 17:48                        | 8° <b>Ω</b> 33'21                        | 17°57'12          | asc. node                      | -830 Aug 11 j 14:34                        | 21°931'55                              |            |
|                              | -831 Sep 12 j 01:04                        | 0°Mp                                     |                   | morning max el                 | -830 Aug 12 j 08:41                        | 22°5514'09                             | 17°55'10   |
| morning set                  | -831 Sep 14 j 19:21                        | 4° <b>m</b> 44'58                        |                   | . ,                            | -830 Aug 18 j 08:44                        | 0°Ω                                    |            |
|                              | 921 9 27: 12:40                            | 2 ( 9 m, 00144                           | 0041120           | morning set                    | -830 Aug 28 j 11:28                        | 17° <b>Ω</b> 28'32                     |            |
| superior conj                | -831 Sep 27 j 12:49                        | 26° Mp 09'44                             |                   |                                | -830 Sep 04 j 11:42                        | 0° <b>m</b> )                          |            |
| minimum elong                | -831 Sep 27 j 17:05                        | 26° Mp 27′10<br>0° <u> </u>              | 0°40'54           | aumariar aani                  | 920 Can 09 : 00:42                         | 6° <b>™</b> 48'04                      | 1916102    |
| max. Earth dist.             | -831 Sep 29 j 21:29<br>-831 Oct 03 j 01:23 |  | 1.44205 AU        | superior conj<br>minimum elong | -830 Sep 08 j 09:42<br>-830 Sep 08 j 14:44 | 7°M)09'38                              | 1°15'31    |
| desc. node                   | -831 Oct 03 j 01.23                        | 5 <b>=</b> 0441<br>6° <b>⊆</b> 30'47     | 1.44203 AU        | max. Earth dist.               | -830 Sep 08 j 14:44<br>-830 Sep 15 j 14:51 | 18° M) 52'40                           | 1.42880 AU |
| evening rise                 | -831 Oct 03 j 25:01<br>-831 Oct 13 j 15:28 | 0 <b>⊆</b> 3047<br>21° <b>⊆</b> 39'25    |                   | desc. node                     | -830 Sep 13 j 14.31<br>-830 Sep 20 j 20:03 | 27° M) 16'21                           | 1.42880 AU |
| evening rise                 | -831 Oct 19 j 02:14                        | 0°M                                      |                   | evening rise                   | -830 Sep 20 j 20:03<br>-830 Sep 22 j 23:38 | 0° <b>£</b> 39'26                      |            |
|                              | -831 Nov 09 j 10:48                        | 0° <b>⊼</b> 7                            |                   | evening rise                   | -830 Sep 22 j 13:34                        | 0∘ <b>ರ</b>                            |            |
| evening max el               | -831 Nov 10 j 09:42                        | 1° <b>×</b> <sup>7</sup> 00'54           | 20°28'28          |                                | -830 Oct 12 j 17:07                        | 0° <b>m</b>                            |            |
| retrograde                   | -831 Nov 18 j 09:52                        | 5° <b>√</b> 44'09                        | 20 20 20          | evening max el                 | -830 Oct 24 j 07:01                        | 14°M29'04                              | 21°39'34   |
| asc. node                    | -831 Nov 20 j 16:43                        | 5° <b>√</b> 14'17                        |                   | retrograde                     | -830 Nov 02 j 06:31                        | 19°M49'16                              | 21 37 3 1  |
| evening set                  | -831 Nov 22 j 04:56                        | 4° <b>₹</b> 20'59                        |                   | evening set                    | -830 Nov 06 j 12:41                        | 18°ML09'16                             |            |
|                              | -831 Nov 26 j 07:21                        | 30°RM                                    |                   | asc. node                      | -830 Nov 07 j 13:46                        | 17° <b>M</b> .13'46                    |            |
| inferior conj                | -831 Nov 27 j 15:07                        | 28°M13'54                                | 2°13'19           | inferior conj                  | -830 Nov 11 j 21:09                        | 11° <b>M</b> 53'47                     | 1°26'38    |
| minimum elong                | -831 Nov 27 j 12:31                        | 28°M22'41                                |                   | minimum elong                  | -830 Nov 11 j 19:16                        | 12°ML00'16                             | 1°25'52    |
| min. Earth dist.             | -831 Nov 28 j 07:05                        | 27° <b>M</b> 19'49                       | 0.67056 AU        | min. Earth dist.               | -830 Nov 12 j 01:47                        | 11° <b>M</b> 37'47                     | 0.67500 AU |
| morning rise                 | -831 Dec 02 j 19:54                        | 22°M00'17                                |                   | morning rise                   | -830 Nov 17 j 01:42                        | 5° <b>M</b> 40'34                      |            |
| direct                       | -831 Dec 08 j 10:25                        | 19°M32'12                                |                   | direct                         | -830 Nov 22 j 00:56                        | 3°M33'55                               |            |
| morning max el               | -831 Dec 19 j 18:39                        | 26°M18'00                                | 24°34'17          | morning max el                 | -830 Dec 02 j 03:59                        | 9° <b>M</b> 35′13                      | 23°06'53   |
|                              | -831 Dec 23 j 04:43                        | 0° <b>∡</b> ¹                            |                   | desc. node                     | -830 Dec 17 j 19:16                        | 29°M25'06                              |            |
| desc. node                   | -831 Dec 30 j 22:13                        | 9° <b>∡</b> ¹43′08                       |                   |                                | -830 Dec 18 j 05:01                        | 0° <b>∡</b> ¹                          |            |
|                              | -830 Jan 13 j 17:58                        | 5°0                                      |                   | morning set                    | -829 Jan 05 j 20:09                        | 28° <b>х</b> 51′52                     |            |
| morning set                  | -830 Jan 24 j 19:05                        | 18° <b>පි</b> 22'44                      |                   |                                | -829 Jan 06 j 12:28                        | 0°ප                                    |            |
| max. Earth dist.             | -830 Jan 28 j 11:23                        | 24° <b>る</b> 57'28                       | 1.37557 AU        | max. Earth dist.               | -829 Jan 10 j 06:47                        | 6° <b>る</b> 24'17                      | 1.39660 AU |
|                              | -830 Jan 31 j 04:58                        | 0°≈                                      |                   |                                |  |  |            |
|                              |  |  |                   | superior conj                  | -829 Jan 17 j 23:17                        | 20° <b>ろ</b> 08'08                     |            |
| superior conj                | -830 Feb 04 j 05:32                        | 7° <b>≈</b> 39'38                        |                   | minimum elong                  | -829 Jan 18 j 01:32                        |  | 1°56'54    |
| minimum elong                | -830 Feb 04 j 09:08                        | 7° <b>≈</b> 57'05                        | 1°42'52           |                                | -829 Jan 23 j 05:27                        | 0° <b>≈</b>                            |            |
| evening rise                 | -830 Feb 12 j 19:16                        | 24° <b>≈</b> 37'24                       |                   | evening rise                   | -829 Jan 27 j 11:36                        | 8° <b>≈</b> 09'16                      |            |
| _                            | -830 Feb 15 j 12:50                        | 0° <b>∀</b>                              |                   | asc. node                      | -829 Feb 03 j 13:04                        | 21°≈17'35                              |            |
| asc. node                    | -830 Feb 16 j 16:03                        | 2° <b>)</b> 11'06                        | 10012100          |                                | -829 Feb 09 j 01:38                        | 0° <b>)</b> {                          | 10021150   |
| evening max el               | -830 Mar 01 j 15:29                        | 21° <b>)</b> 50'35                       | 19°13'08          | evening max el                 | -829 Feb 12 j 18:03                        | 4° <b>)</b> 18'46                      | 18°31'58   |
| retrograde                   | -830 Mar 10 j 12:46                        | 26°¥06'25                                |                   | retrograde                     | -829 Feb 20 j 09:15                        | 8° <b>¥</b> 02'57                      |            |
| evening set<br>inferior conj | -830 Mar 12 j 18:40                        | 25° <b>米</b> 51'17<br>21° <b>米</b> 41'04 | 2°06'02           | evening set                    | -829 Feb 22 j 19:57<br>-829 Mar 02 j 07:11 | 7° <b>)</b> 41′13<br>3° <b>)</b> 11′29 | 3°13'10    |
| minimum elong                | -830 Mar 21 j 00:18<br>-830 Mar 21 j 04:36 | 21° <b>)</b> (41'04                      | 2°04'46           | inferior conj<br>minimum elong | -829 Mar 02 j 07:11<br>-829 Mar 02 j 11:03 |  | 3°12'24    |
| min. Earth dist.             | -830 Mar 23 j 23:12                        | 19° <b>)</b> 42'11                       | 0.56581 AU        | min. Earth dist.               | -829 Mar 05 j 17:07                        | 0° <b>∺</b> 31'17                      | 0.58400 AU |
| desc. node                   | -830 Mar 28 j 21:22                        | 17° <b>)</b> (42 11                      | 0.30381 AC        | iiiii. Lattii dist.            | -829 Mar 06 j 10:12                        | 30°R≈                                  | 0.30400 AC |
| morning rise                 | -830 Mar 29 j 11:40                        | 16° <b>)</b> 46'55                       |                   | morning rise                   | -829 Mar 09 j 23:35                        | 27° <b>≈</b> 48'18                     |            |
| direct                       | -830 Apr 03 j 09:03                        | 15° <b>X</b> 51'30                       |                   | direct                         | -829 Mar 15 j 23:02                        | 26°≈17'19                              |            |
| morning max el               | -830 Apr 17 j 13:43                        | 23° <b>H</b> 08'00                       | 25°17'12          | desc. node                     | -829 Mar 15 j 18:24                        | 26°≈17'25                              |            |
| morning man or               | -830 Apr 23 j 17:03                        | 0°Υ                                      | 20 17 12          | dese. node                     | -829 Mar 25 j 17:15                        | 0° <b>∀</b>                            |            |
|                              | -830 May 11 j 17:58                        | 0°8                                      |                   | morning max el                 | -829 Mar 30 j 06:58                        | 3° <b>¥</b> 53'14                      | 26°38'49   |
| morning set                  | -830 May 14 j 07:28                        | 5° <b>8</b> 18'02                        |                   | merming man er                 | -829 Apr 18 j 06:07                        | 0° <b>Υ</b>                            | 20 30 .9   |
| asc. node                    | -830 May 15 j 15:22                        | 8° <b>8</b> 07'11                        |                   | morning set                    | -829 Apr 28 j 18:10                        | 20° <b>Y</b> 12'57                     |            |
|                              | J J  | =  |                   | asc. node                      | -829 May 02 j 12:24                        | 28° <b>Y</b> 15'07                     |            |
| superior conj                | -830 May 21 j 07:25                        | 20° <b>8</b> 25'39                       | 0°56'39           | •                              | -829 May 03 j 07:39                        | 0°8                                    |            |
| minimum elong                | -830 May 21 j 05:14                        | 20° <b>8</b> 13'44                       | 0°56'15           |                                | <i>y y</i> ,                               | -                                      |            |
| max. Earth dist.             | -830 May 22 j 09:27                        | 22° <b>8</b> 47'24                       | 1.32803 AU        | superior conj                  | -829 May 05 j 19:02                        | 5° <b>8</b> 25'16                      | 0°34'02    |
|                              | -830 May 25 j 17:53                        | 0°Щ                                      |                   | minimum elong                  | -829 May 05 j 17:35                        | 5° <b>8</b> 17'18                      | 0°33'45    |
| evening rise                 | -830 May 28 j 10:57                        | 5° <b>Ⅱ</b> 39'55                        |                   | max. Earth dist.               | -829 May 05 j 21:52                        | 5° <b>8</b> 40'48                      | 1.32434 AU |
| -                            | -830 Jun 10 j 13:35                        | 0°50                                     |                   | evening rise                   | -829 May 12 j 18:02                        | 20° <b>8</b> 26'49                     |            |
| desc. node                   | -830 Jun 24 j 20:42                        | 20° <b>©</b> 09'57                       |                   | -                              | -829 May 17 j 11:25                        | $0^{\circ}\Pi$                         |            |
| evening max el               | -830 Jun 29 j 11:31                        | 25° <b>©</b> 02'32                       | 27°17'44          |                                | -829 Jun 05 j 04:09                        | $0$ $\circ$ $\odot$                    |            |
|                              | -830 Jul 05 j 19:44                        | $0^{\circ}\Omega$                        |                   | evening max el                 | -829 Jun 11 j 14:08                        | 7° <b>©</b> 05'19                      | 26°38'27   |
|                              |  |  |                   |                                |  |  |            |

| •  | inella of Mercury   |  | •                 | *                | 901 BCE in historical cou  |  | ge 39               |
|--|---|--|-------------------|--|--|--|---------------------|
| desc. node   | -829 Jun 11 j 17:41   | 7°©13'47   | astronomical coul | evening max el   | -828 May 23 j 09:50  | 18° <b>Ⅱ</b> 22'56   | 25°20'16            |
|  | -829 Jun 25 j 13:58   | 14° <b>©</b> 20'55   |                   | desc. node   | -828 May 28 j 14:41  | 22° <b>II</b> 35'09  | 23 29 10            |
| retrograde   |   |  |                   |  | , ,  |  |                     |
| evening set  | -829 Jul 02 j 06:17   | 12°526'37  | 0.60170.411       | retrograde   | -828 Jun 06 j 10:59  | 25° <b>I</b> I34'00  |                     |
| min. Earth dist.   | -829 Jul 06 j 03:27   |  | 0.60170 AU        | evening set  | -828 Jun 12 j 03:00  | 24° <b>Ⅱ</b> 18'23   | 0.50122.411         |
| inferior conj  | -829 Jul 09 j 11:21   | 7° <b>5</b> 06'10  |                   | min. Earth dist.                                       | -828 Jun 16 j 21:50  | 21° <b>II</b> 34'29  |                     |
| minimum elong  | -829 Jul 09 j 13:25   | 7° <b>©</b> 01'57  | 4°35'34           | inferior conj  | -828 Jun 20 j 03:09  | 19° <b>Ⅱ</b> 18'35   |                     |
| morning rise   | -829 Jul 16 j 22:29   | 2° <b>©</b> 26'11  |                   | minimum elong  | -828 Jun 20 j 01:14  | 19° <b>Ⅲ</b> 21'59   | 4°36'08             |
| direct   | -829 Jul 19 j 10:24   | 2° <b>©</b> 02'52  |                   | morning rise   | -828 Jun 28 j 02:09  | 15° <b>Ⅱ</b> 00'57   |                     |
| morning max el   | -829 Jul 26 j 20:07   | 5° <b>©</b> 38'46  | 18°12'27          | direct   | -828 Jun 30 j 14:57  | 14° <b>∏</b> 41'01   |                     |
| asc. node  | -829 Jul 29 j 11:37   | 8° <b>©</b> 34'48  |                   | morning max el   | -828 Jul 09 j 01:07  | 18° <b>∏</b> 38'39   | 18°50'05            |
|  | -829 Aug 11 j 06:55   | $0$ $^{\circ}\Omega$   |                   | asc. node  | -828 Jul 15 j 08:41  | 26° <b>∏</b> 33'07   |                     |
| morning set  | -829 Aug 11 j 18:59   | 0° <b>Ω</b> 56'47  |                   |  | -828 Jul 17 j 12:03  | $0$ $\circ$ $\odot$  |                     |
|  |   |  |                   | morning set  | -828 Jul 25 j 13:32  | 14° <b>©</b> 58'13   |                     |
| superior conj  | -829 Aug 21 j 08:25   | 18° <b>Ω</b> 43'20   | 1°37'16           |  | -828 Aug 02 j 06:33  | $0 {\circ} \Omega$   |                     |
| minimum elong  | -829 Aug 21 j 11:43   | 18° <b>Ω</b> 58'13   | 1°37'03           |  |  |  |                     |
|  | -829 Aug 27 j 18:11   | 0° <b>m</b>  |                   | superior conj  | -828 Aug 03 j 03:35  | 1° <b>Ω</b> 40′19  | 1°46'40             |
| max. Earth dist.   | -829 Aug 28 j 22:51   | 2°Mp02'12  | 1.41097 AU        | minimum elong  | -828 Aug 03 j 04:36  | 1° <b>Ω</b> 45'11  | 1°46'39             |
| evening rise   | -829 Sep 02 j 23:57   | 10° <b>m</b> 25'18   |                   | max. Earth dist.                                       | -828 Aug 10 j 02:03  | 14° <b>Ω</b> 26'57   | 1.39103 AU          |
| desc. node   | -829 Sep 07 j 17:04   | 17° <b>m</b> 57'23   |                   | evening rise   | -828 Aug 14 j 00:58  | 21° <b>Ω</b> 21'14   |                     |
|  | -829 Sep 15 j 14:33   | 0∘ <b>⊽</b>  |                   |  | -828 Aug 19 j 05:22  | 0° <b>m</b> y  |                     |
| evening max el   | -829 Oct 06 j 22:54   | 27° <b>≏</b> 58'07   | 22°58'07          | desc. node   | -828 Aug 24 j 14:04  | 8° <b>™</b> 29'53  |                     |
| Č  | -829 Oct 09 j 02:32   | 0°M  |                   |  | -828 Sep 08 j 15:01  | 0° <del>ٽ</del>  |                     |
| retrograde   | -829 Oct 17 j 00:49   | 3°M56'56   |                   | evening max el   | -828 Sep 18 j 11:12  | 11° <b>≏</b> 29'36   | 24°18'12            |
| evening set  | -829 Oct 21 j 19:57   | 1°M58'44   |                   | retrograde   | -828 Sep 29 j 15:38  | 18° <b>≏</b> 03'17   |                     |
| e vennig see   | -829 Oct 23 j 19:38   | 30° <b>₽</b> Ω   |                   | evening set  | -828 Oct 05 j 01:01  | 15° <b>Ω</b> 46'57   |                     |
| asc. node  | -829 Oct 25 j 10:48   | 27° <b>£</b> 58'49   |                   | inferior conj  | -828 Oct 10 j 10:24  | 9° <b>£</b> 25'35  | -0°18'32            |
| inferior conj  | -829 Oct 27 j 04:09   | 25° <b>≏</b> 38'24   | 0°35'31           | minimum elong  | -828 Oct 10 j 10:51  | 9° <b>£</b> 24'04  |                     |
| minimum elong  | -829 Oct 27 j 04:09   | 25° <b>Ω</b> 41'15   | 0°35'09           | min. Earth dist.                                       | -828 Oct 10 j 10:31  |  | 0.67415 AU          |
| min. Earth dist.   | -829 Oct 26 j 22:16   | 25° <b>£</b> 58'43   | 0.67613 AU        | asc. node  | -828 Oct 11 j 07:52  | 8° <b>£</b> 13′50  | 0.07413 AO          |
|  |   | 19° <b>£</b> 27'51   | 0.07013 AU        |  | -828 Oct 11 j 07:32  | 3° <b>£</b> 20'14  |                     |
| morning rise   | -829 Nov 01 j 10:38   |  |                   | morning rise   | ,  |  |                     |
| direct   | -829 Nov 05 j 19:10   | 17° <b>Ω</b> 43'49   | 2194202           | direct   | -828 Oct 19 j 16:08  | 1° <b>£</b> 57'15  | 20027115            |
| morning max el   | -829 Nov 14 j 17:49   | 22° <b>Ω</b> 59'39   | 21-42-03          | morning max el   | -828 Oct 27 j 14:36  | 6° <b>Ω</b> 33'14  | 20-26-15            |
| 1 1  | -829 Nov 20 j 18:43   | 0°M  |                   |  | -828 Nov 14 j 00:45  | 0°M  |                     |
| desc. node   | -829 Dec 04 j 16:19   | 19°M30'43  |                   | desc. node   | -828 Nov 20 j 13:21  | 9°M52'41   |                     |
|  | -829 Dec 11 j 14:13   | 0° <b>∡</b> 7  |                   | morning set  | -828 Nov 24 j 15:11  | 16°M09'30  |                     |
| morning set  | -829 Dec 16 j 16:11   | 7° <b>∡</b> 58'06  |                   |  | -828 Dec 03 j 10:13  | 0° <b>⊼</b>  |                     |
| max. Earth dist.   | -829 Dec 23 j 06:57   | 18° <b>∡</b> ⁴42'27  | 1.41702 AU        | max. Earth dist.                                       | -828 Dec 04 j 14:08  | 1° <b>∡</b> ′51′59   | 1.43402 AU          |
|  | -829 Dec 29 j 22:45   | 0°る  |                   |  |  |  |                     |
|  |   | _  |                   | superior conj  | -828 Dec 10 j 16:54  | 11° <b>≯</b> 51'03   |                     |
| superior conj  | -829 Dec 30 j 20:51   | 1° <b>る</b> 36'10  |                   | minimum elong  | -828 Dec 10 j 11:11  | 11° <b>₹</b> 27'24   | 1°47'55             |
| minimum elong  | -829 Dec 30 j 19:47   | 1° <b>る</b> 31'29  | 2°00'09           |  | -828 Dec 21 j 08:43  | 0°₹  |                     |
| evening rise   | -828 Jan 10 j 15:59   | 21° <b>る</b> 03'14   |                   | evening rise   | -828 Dec 23 j 04:11  | 3° <b>る</b> 09'45  |                     |
|  | -828 Jan 15 j 13:46   | 0° <b>≈</b>  |                   | asc. node  | -827 Jan 07 j 07:09  | 27° <b>る</b> 44'55   |                     |
| asc. node  | -828 Jan 21 j 10:06   | 9° <b>≈</b> 52′20  |                   |  | -827 Jan 09 j 05:53  | 0° <b>≈</b>  |                     |
| evening max el   | -828 Jan 27 j 02:49   | 17° <b>≈</b> 12′26   | 18°10'53          | evening max el   | -827 Jan 09 j 14:47  | 0° <b>≈</b> 22'48  | 18°09'26            |
| retrograde   | -828 Feb 02 j 23:35   | 20° <b>≈</b> 40′52   |                   | retrograde   | -827 Jan 16 j 03:30  | 3° <b>≈</b> 49'13  |                     |
| evening set  | -828 Feb 05 j 14:38   | 20° <b>≈</b> 11'01   |                   | evening set  | -827 Jan 18 j 22:42  | 3° <b>≈</b> 10'13  |                     |
| inferior conj  | -828 Feb 12 j 10:22   | 15° <b>≈</b> 20′06   | 3°46'12           |  | -827 Jan 23 j 06:12  | 30°Ŗ⋜  |                     |
| minimum elong  | -828 Feb 12 j 12:01   | 15° <b>≈</b> 16′18   | 3°46'03           | inferior conj  | -827 Jan 25 j 06:22  | 27° <b>る</b> 58'44   | 3°52'38             |
| min. Earth dist.   | -828 Feb 15 j 16:53   | 12° <b>≈</b> 21'35   | 0.60472 AU        | minimum elong  | -827 Jan 25 j 05:48  | 28° <b>පි</b> 00'14  | 3°52'37             |
| morning rise   | -828 Feb 19 j 07:37   | 9° <b>≈</b> 36′23  |                   | min. Earth dist.                                       | -827 Jan 28 j 01:06  | 25° <b>る</b> 05'50   | 0.62490 AU          |
| direct   | -828 Feb 26 j 00:49   | 7° <b>≈</b> 27'52  |                   | morning rise   | -827 Jan 31 j 11:53  | 22° <b>る</b> 02'21   |                     |
| desc. node   | -828 Mar 01 j 15:27   | 8° <b>≈</b> 23'54  |                   | direct   | -827 Feb 07 j 12:09  | 19° <b>る</b> 25'05   |                     |
| morning max el   | -828 Mar 11 j 06:23   |  | 27°30'42          | desc. node   | -827 Feb 16 j 12:30  | 22° <b>る</b> 58'44   |                     |
| Č  | -828 Mar 23 j 06:19   | 0° <b>∀</b>  |                   | morning max el   | -827 Feb 21 j 11:31  |  | 27°46'19            |
|  | -828 Apr 09 j 15:25   | 0° <b>Υ</b>  |                   | . 8  | -827 Feb 24 j 02:03  | 0° <b>≈</b>  |                     |
|  |   |  |                   |  | -827 Mar 16 j 21:32  | 0° <b>)</b> €  |                     |
| morning set  | -828 Apr 12 i 01:49   | 4" 1 30:33   |                   |  |  |  |                     |
| morning set asc. node  | -828 Apr 12 j 01:49<br>-828 Apr 18 j 09:26  | 4° <b>Υ</b> 56'55<br>18° <b>Υ</b> 26'35  |                   | morning set  | -827 Mar 27 i 04·17  |  |                     |
| asc. node  | -828 Apr 18 j 09:26   | 18° <b>Ƴ</b> 26'35   | 1 32423 AII       | morning set  | -827 Mar 27 j 04:17  | 19° <b>)</b> 22′18   |                     |
| •  |   |  | 1.32423 AU        | -  | -827 Apr 01 j 06:40  | 19° <b>)</b> 22'18<br>0° <b>Υ</b>  | 1 32782 AII         |
| asc. node<br>max. Earth dist.  | -828 Apr 18 j 09:26<br>-828 Apr 18 j 10:33  | 18° <b>Y</b> 26'35<br>18° <b>Y</b> 32'39   |                   | morning set max. Earth dist.                           | -  | 19° <b>)</b> 22′18   | 1.32782 AU          |
| asc. node max. Earth dist. superior conj   | -828 Apr 18 j 09:26<br>-828 Apr 18 j 10:33<br>-828 Apr 19 j 06:29   | 18°Y26'35<br>18°Y32'39<br>20°Y21'43  | 0°09'17           | max. Earth dist.                                       | -827 Apr 01 j 06:40<br>-827 Apr 01 j 19:30   | 19° <b>¥</b> 22'18<br>0° <b>Ƴ</b><br>1° <b>Ƴ</b> 08'41                             |                     |
| asc. node<br>max. Earth dist.<br>superior conj<br>minimum elong                        | -828 Apr 18 j 09:26<br>-828 Apr 18 j 10:33<br>-828 Apr 19 j 06:29<br>-828 Apr 19 j 06:04  | 18°Y26'35<br>18°Y32'39<br>20°Y21'43<br>20°Y19'25   |                   | max. Earth dist.                                       | -827 Apr 01 j 06:40<br>-827 Apr 01 j 19:30<br>-827 Apr 03 j 16:06  | 19°¥22'18<br>0°°<br>1°°Y08'41<br>5°°Y09'02   | -0°16'50            |
| asc. node max. Earth dist.  superior conj minimum elong behind sun begin               | -828 Apr 18 j 09:26<br>-828 Apr 18 j 10:33<br>-828 Apr 19 j 06:29<br>-828 Apr 19 j 06:04<br>-828 Apr 19 j 01:56   | 18° <b>Υ</b> 26'35<br>18° <b>Υ</b> 32'39<br>20° <b>Υ</b> 21'43<br>20° <b>Υ</b> 19'25<br>19° <b>Υ</b> 56'50 | 0°09'17           | max. Earth dist. superior conj minimum elong           | -827 Apr 01 j 06:40<br>-827 Apr 01 j 19:30<br>-827 Apr 03 j 16:06<br>-827 Apr 03 j 16:53   | 19° χ22'18<br>0°Υ<br>1°Υ08'41<br>5°Υ09'02<br>5°Υ13'19                              | -0°16'50            |
| asc. node<br>max. Earth dist.<br>superior conj<br>minimum elong                        | -828 Apr 18 j 09:26<br>-828 Apr 18 j 10:33<br>-828 Apr 19 j 06:29<br>-828 Apr 19 j 06:04<br>-828 Apr 19 j 01:56<br>-828 Apr 19 j 10:11                        | 18°Υ26'35<br>18°Υ32'39<br>20°Υ21'43<br>20°Υ19'25<br>19°Υ56'50<br>20°Υ42'00                                 | 0°09'17           | max. Earth dist. superior conj minimum elong asc. node | -827 Apr 01 j 06:40<br>-827 Apr 01 j 19:30<br>-827 Apr 03 j 16:06<br>-827 Apr 03 j 16:53<br>-827 Apr 05 j 06:29                        | 19°¥22'18<br>0°♥<br>1°♥08'41<br>5°♥09'02<br>5°♥13'19<br>8°♥37'18                   | -0°16'50            |
| asc. node max. Earth dist. superior conj minimum elong behind sun begin behind sun end | -828 Apr 18 j 09:26<br>-828 Apr 18 j 10:33<br>-828 Apr 19 j 06:29<br>-828 Apr 19 j 06:04<br>-828 Apr 19 j 01:56<br>-828 Apr 19 j 10:11<br>-828 Apr 23 j 16:23 | 18°Y26'35<br>18°Y32'39<br>20°Y21'43<br>20°Y19'25<br>19°Y56'50<br>20°Y42'00<br>0°8                          | 0°09'17           | max. Earth dist. superior conj minimum elong           | -827 Apr 01 j 06:40<br>-827 Apr 01 j 19:30<br>-827 Apr 03 j 16:06<br>-827 Apr 03 j 16:53<br>-827 Apr 05 j 06:29<br>-827 Apr 10 j 16:10 | 19°¥22'18<br>0°°<br>1°°Y08'41<br>5°°Y09'02<br>5°°Y13'19<br>8°°Y37'18<br>20°°Y15'48 | -0°16'50            |
| asc. node max. Earth dist.  superior conj minimum elong behind sun begin               | -828 Apr 18 j 09:26<br>-828 Apr 18 j 10:33<br>-828 Apr 19 j 06:29<br>-828 Apr 19 j 06:04<br>-828 Apr 19 j 01:56<br>-828 Apr 19 j 10:11                        | 18°Υ26'35<br>18°Υ32'39<br>20°Υ21'43<br>20°Υ19'25<br>19°Υ56'50<br>20°Υ42'00                                 | 0°09'17           | max. Earth dist. superior conj minimum elong asc. node | -827 Apr 01 j 06:40<br>-827 Apr 01 j 19:30<br>-827 Apr 03 j 16:06<br>-827 Apr 03 j 16:53<br>-827 Apr 05 j 06:29                        | 19°¥22'18<br>0°♥<br>1°♥08'41<br>5°♥09'02<br>5°♥13'19<br>8°♥37'18                   | -0°16'50<br>0°16'40 |

| •  | omena of Mercury  |   | •                | · · · · · · · · · · · · · · · · · · ·                   |   | , ,   | ge 40       |
|--|---|---|------------------|---|---|---|-------------|
| Attention, astronom                          | nical year style is used: The   | -   | astronomical cou | inting style is the year 9                              |   |   |             |
|  | -827 May 05 j 23:26   | 0° <b>Π</b>   |                  |   | -826 Apr 08 j 18:17   | 0°8   |             |
| desc. node                                   | -827 May 15 j 11:42   | 5° <b>Ⅲ</b> 38'01   |                  | evening max el  | -826 Apr 16 j 17:35   | 9° <b>8</b> 45'07                                     | 22°25'07    |
| retrograde                                   | -827 May 18 j 20:31   | 6° <b>Ⅱ</b> 03'55   |                  | retrograde  | -826 Apr 29 j 17:04   | 16° <b>8</b> 07'48                                    |             |
| evening set                                  | -827 May 23 j 02:37   | 5° <b>∏</b> 23'44   |                  | desc. node  | -826 May 02 j 08:45   | 15° <b>8</b> 52'17                                    |             |
| min. Earth dist.                             | -827 May 29 j 12:14   |   | 0.56382 AU       | evening set   | -826 May 02 j 16:03   | 15° <b>8</b> 48'35                                    |             |
| inferior conj                                | -827 May 31 j 22:50   | 0° <b>Ⅱ</b> 48'36   |                  | min. Earth dist.  | -826 May 11 j 01:18   | 12° <b>8</b> 11'37                                    | 0.55277 AU  |
| minimum elong                                | -827 May 31 j 16:47   | 0° <b>Ⅱ</b> 58'00   | 3°58'09          | inferior conj   | -826 May 12 j 00:56   | 11° <b>8</b> 38'07                                    |             |
|  | -827 Jun 02 j 06:33   | 30°Ŗ <b>႘</b>   |                  | minimum elong   | -826 May 11 j 18:24   | 11° <b>8</b> 47'24                                    | 2°35'52     |
| morning rise                                 | -827 Jun 09 j 09:52   | 26° <b>8</b> 48'16  |                  | morning rise  | -826 May 20 j 22:33   | 7° <b>8</b> 43'24                                     |             |
| direct                                       | -827 Jun 12 j 00:23   | 26° <b>8</b> 30'36  |                  | direct  | -826 May 23 j 17:32   | 7° <b>8</b> 25'35                                     |             |
|  | -827 Jun 20 j 15:20   | $\Pi$ $^{\circ}0$   |                  | morning max el  | -826 Jun 04 j 05:43   | 12° <b>8</b> 48'00                                    | 21°07'04    |
| morning max el                               | -827 Jun 21 j 20:57   | 1° <b>Ⅱ</b> 04'29   | 19°48'36         |   | -826 Jun 16 j 17:01   | $\Pi$ $^{\circ}0$                                     |             |
| asc. node                                    | -827 Jul 02 j 05:45   | 15° <b>Ⅱ</b> 14'11  |                  | asc. node   | -826 Jun 19 j 02:48   | 4° <b>Ⅱ</b> 26'56                                     |             |
| morning set                                  | -827 Jul 09 j 15:54   | 29° <b>Ⅱ</b> 24'39  |                  | morning set   | -826 Jun 23 j 23:25   | 14° <b>Ⅲ</b> 08′04                                    |             |
|  | -827 Jul 09 j 22:54   | $0$ $\circ$ $\odot$   |                  |   |   |   |             |
|  |   |   |                  | superior conj   | -826 Jul 01 j 10:23   | 29° <b>Ⅲ</b> 39′23                                    | 1°39'07     |
| superior conj                                | -827 Jul 17 j 13:44   | 15° <b>©</b> 23'41  | 1°46'35          | minimum elong   | -826 Jul 01 j 08:23   | 29° <b>Ⅲ</b> 29'05                                    | 1°38'58     |
| minimum elong                                | -827 Jul 17 j 12:55   | 15° <b>©</b> 19'34  | 1°46'33          |   | -826 Jul 01 j 14:23   | 0°ಅ   |             |
| max. Earth dist.                             | -827 Jul 23 j 05:31   | 26°521'22   | 1.37158 AU       | max. Earth dist.  | -826 Jul 05 j 15:29   | 8° <b>©</b> 11'55                                     | 1.35466 AU  |
|  | -827 Jul 25 j 04:29   | $0^{\circ}\Omega$   |                  | evening rise  | -826 Jul 09 j 22:33   | 16°931'26   |             |
| evening rise                                 | -827 Jul 27 j 02:06   | 3° <b>Ω</b> 27'47   |                  |   | -826 Jul 17 j 10:15   | $0^{\circ}\Omega$                                     |             |
| desc. node                                   | -827 Aug 11 j 11:05   | 28° <b>Ω</b> 49'16  |                  | desc. node  | -826 Jul 29 j 08:07   | 18° <b>Ω</b> 48'20                                    |             |
| dese. Hode                                   | -827 Aug 12 j 05:59   | 0°m   |                  | dese. Hode  | -826 Aug 06 j 15:27   | 0° m  |             |
| evening max el                               | -827 Aug 31 j 22:34   | 25° Mp 05'23  | 25022125         | evening max el  | -826 Aug 14 j 10:22   | 8° <b>m</b> ) 40'37                                   | 26033120    |
| evening max ci                               | -827 Sep 06 j 22:51   | 0° <b>⊽</b>   | 25 52 55         | retrograde  | -826 Aug 27 j 07:26   | 15° Mp 54'13  | 20 33 29    |
| ratra ara da                                 | -827 Sep 00 j 22:31<br>-827 Sep 13 j 02:05  | 0 <b>=</b><br>2° <b>ჲ</b> 04'32                                     |                  | evening set   | -826 Sep 02 j 21:10   |   |             |
| retrograde                                   | 1 2   |   |                  | -   | 1 3   | 13° Mp 10'59  | 0.66047 ATT |
| . ,  | -827 Sep 18 j 12:38   | 30°₹M)  |                  | min. Earth dist.  | -826 Sep 06 j 22:35   |   | 0.66047 AU  |
| evening set                                  | -827 Sep 19 j 02:08   | 29° m 32'19   | 0.66000 444      | inferior conj   | -826 Sep 08 j 13:34   | 6° m 59'35  |             |
| min. Earth dist.                             | -827 Sep 23 j 11:07   |   | 0.66902 AU       | minimum elong   | -826 Sep 08 j 16:46   | 6° Mp 49'57   | 2°07'42     |
| inferior conj                                | -827 Sep 24 j 14:12   | 23° m 13'57   |                  | morning rise  | -826 Sep 14 j 12:43   | 1° Mp 13'34   |             |
| minimum elong                                | -827 Sep 24 j 16:02   | 23° Mp 08'01  | 1°13'08          | asc. node   | -826 Sep 15 j 01:59   | 0° m 56'43  |             |
| asc. node                                    | -827 Sep 28 j 04:55   | 18° <b>m</b> 58'03  |                  | direct  | -826 Sep 17 j 12:27   | 0°m/23'10   |             |
| morning rise                                 | -827 Sep 30 j 06:07   | 17° Mp 16'38  |                  | morning max el  | -826 Sep 24 j 05:25   | 4° <b>™</b> 05'58                                     | 18°36'47    |
| direct                                       | -827 Oct 03 j 14:31   | 16° Mp 11'42  |                  |   | -826 Oct 12 j 00:59   | 0∘ <b>ত</b>   |             |
| morning max el                               | -827 Oct 10 j 18:54   | 20° Mp 16'28  | 19°23'44         | morning set   | -826 Oct 14 j 15:52   | 4° <b>£</b> 11'51                                     |             |
|  | -827 Oct 18 j 12:02   | 0∘ <b>⊽</b>   |                  | desc. node  | -826 Oct 25 j 07:28   | 21° <b>≏</b> 08'01                                    |             |
| morning set                                  | -827 Nov 03 j 16:05   | 24° <b>≏</b> 34'48  |                  |   |   |   |             |
| desc. node                                   | -827 Nov 07 j 10:24   | 0°M26'32  |                  | superior conj   | -826 Oct 30 j 11:37   | 29° <b>≙</b> 17'02                                    | -0°33'18    |
|  | -827 Nov 07 j 03:36   | 0°M   |                  | minimum elong   | -826 Oct 30 j 07:15   | 28° <b>≏</b> 59'51                                    | 0°32'44     |
| max. Earth dist.                             | -827 Nov 17 j 03:56   | 15° <b>M</b> 42'44  | 1.44547 AU       |   | -826 Oct 30 j 22:33   | $0^{\circ}$ M   |             |
|  |   |   |                  | max. Earth dist.  | -826 Oct 30 j 22:04   | 29° <b>≏</b> 58'08                                    | 1.44995 AU  |
| superior conj                                | -827 Nov 20 j 10:29   | 20°M54'28   | -1°18'21         | evening rise  | -826 Nov 15 j 11:49   | 24°M33'25   |             |
| minimum elong                                | -827 Nov 20 j 02:26   | 20°M22'24   | 1°17'29          |   | -826 Nov 18 j 21:52   | 0° <b>∡</b> ¹   |             |
|  | -827 Nov 26 j 02:16   | 0° <b>∡</b> ¹   |                  | greatest brilliancy                                     | -826 Nov 23 j 20:01   | 7° <b>∡</b> ¹49'03                                    | -0.8m       |
| evening rise                                 | -827 Dec 04 j 19:51   | 14° <b>∡</b> ¹21'13   |                  | evening max el  | -826 Dec 07 j 13:34   | 27° <b>₹</b> 09'17                                    | 19°01'43    |
| •  | -827 Dec 14 j 06:47   | 8°0   |                  |   | -826 Dec 10 j 23:53   | 0° <b>ට</b>   |             |
| evening max el                               | -827 Dec 24 j 03:13   | 13° <b>る</b> 43'24  | 18°26'45         | asc. node   | -826 Dec 12 j 01:14   | 0° <b>る</b> 32'50                                     |             |
| asc. node                                    | -827 Dec 25 j 04:12   | 14° <b>る</b> 43'10  |                  | retrograde  | -826 Dec 14 j 11:14   | 1° <b>る</b> 04'59                                     |             |
| retrograde                                   | -827 Dec 30 j 16:35   | 17° <b>る</b> 19'25  |                  | evening set   | -826 Dec 17 j 17:14   | 0° <b>る</b> 03'53                                     |             |
| evening set                                  | -826 Jan 02 j 16:33   | 16° <b>る</b> 30'05  |                  | 8   | -826 Dec 17 j 19:41   | 30°R. <b>✓</b>  |             |
| inferior conj                                | -826 Jan 08 j 15:15   |   | 3°39'57          | inferior conj   | -826 Dec 23 j 09:27   | 24° <b>₹</b> 16'43                                    | 3°13'42     |
| minimum elong                                | -826 Jan 08 j 13:10   | 11° <b>る</b> 05'40  | 3°39'40          | minimum elong   | -826 Dec 23 j 06:40   | 24° 🖈 25'26   | 3°13'03     |
| min. Earth dist.                             | -826 Jan 10 j 18:55   | 8° <b>ප</b> 30'41   | 0.64245 AU       | min. Earth dist.  | -826 Dec 24 j 22:02   |   | 0.65634 AU  |
|  | -826 Jan 14 j 09:15   | 4°る55'21  | 0.04243 AU       |   |   | 18° <b>₹</b> 07'15                                    | 0.03034 AU  |
| morning rise                                 | -   | 4 03321<br>2° <b>る</b> 04'14  |                  | morning rise  | -826 Dec 28 j 19:50   |   |             |
| direct                                       | -826 Jan 21 j 07:02   |   |                  | direct  | -825 Jan 04 j 08:15   | 15° <b>₹</b> 17'03                                    | 26925110    |
| desc. node                                   | -826 Feb 03 j 09:34   | 9° <b>る</b> 25'47   | 2702/102         | morning max el  | -825 Jan 17 j 05:44   | 22° 🖈 50'44   | 26°35'19    |
| morning max el                               | -826 Feb 03 j 20:07   | 9° <b>ප</b> 51'50   | 2/~26'03         | desc. node  | -825 Jan 21 j 06:39   | 27° <b>₹</b> 13'25                                    |             |
|  | -826 Feb 19 j 16:13   | 0° <b>≈</b>   |                  |   | -825 Jan 23 j 14:21   | 0°ප   |             |
|  | -   |   |                  |   | -825 Feb 12 j 22:55   | 0° <b>≈</b>   |             |
|  | -826 Mar 09 j 05:46   | 0° <b>∀</b>   |                  |   |   |   |             |
| morning set                                  | -826 Mar 09 j 05:46<br>-826 Mar 10 j 22:54  | 3° <b>)</b> €20'03  |                  | morning set   | -825 Feb 22 j 06:07   | 16° <b>≈</b> 39'09                                    |             |
| morning set<br>max. Earth dist.              | -826 Mar 09 j 05:46   |   | 1.33555 AU       | morning set max. Earth dist.                            | -825 Feb 26 j 11:33   | 24° <b>≈</b> 50'57                                    | 1.34773 AU  |
| max. Earth dist.                             | -826 Mar 09 j 05:46<br>-826 Mar 10 j 22:54<br>-826 Mar 15 j 20:53   | 3° <b>米</b> 20′03<br>13° <b>米</b> 16′48                             |                  | -   |   |   | 1.34773 AU  |
| max. Earth dist.                             | -826 Mar 09 j 05:46<br>-826 Mar 10 j 22:54<br>-826 Mar 15 j 20:53<br>-826 Mar 18 j 22:00  | 3°¥20′03<br>13°¥16′48<br>19°¥40′51                                  | -0°43'19         | max. Earth dist.  | -825 Feb 26 j 11:33<br>-825 Mar 01 j 01:03  | 24°≈50'57<br>0° <b>米</b>                              |             |
| max. Earth dist. superior conj minimum elong | -826 Mar 10 j 22:54<br>-826 Mar 10 j 22:54<br>-826 Mar 15 j 20:53<br>-826 Mar 18 j 22:00<br>-826 Mar 19 j 00:03   | 3°¥20′03<br>13°¥16′48<br>19°¥40′51<br>19°¥51′42                     | -0°43'19         | max. Earth dist.  | -825 Feb 26 j 11:33<br>-825 Mar 01 j 01:03<br>-825 Mar 02 j 21:59   | 24°≈50'57<br>0°¥<br>3°¥50'09                          | -1°08'56    |
| max. Earth dist.                             | -826 Mar 10 j 22:54<br>-826 Mar 10 j 22:54<br>-826 Mar 15 j 20:53<br>-826 Mar 18 j 22:00<br>-826 Mar 19 j 00:03<br>-826 Mar 23 j 03:32                        | 3°¥20'03<br>13°¥16'48<br>19°¥40'51<br>19°¥51'42<br>28°¥43'01        | -0°43'19         | max. Earth dist. superior conj minimum elong            | -825 Feb 26 j 11:33<br>-825 Mar 01 j 01:03<br>-825 Mar 02 j 21:59<br>-825 Mar 03 j 01:07                        | 24°≈50'57<br>0°¥<br>3°¥50'09<br>4°¥06'18              | -1°08'56    |
| max. Earth dist. superior conj minimum elong | -826 Mar 09 j 05:46<br>-826 Mar 10 j 22:54<br>-826 Mar 15 j 20:53<br>-826 Mar 18 j 22:00<br>-826 Mar 19 j 00:03<br>-826 Mar 23 j 03:32<br>-826 Mar 23 j 17:57 | 3°¥20'03<br>13°¥16'48<br>19°¥40'51<br>19°¥51'42<br>28°¥43'01<br>0°♥ | -0°43'19         | max. Earth dist.  superior conj minimum elong asc. node | -825 Feb 26 j 11:33<br>-825 Mar 01 j 01:03<br>-825 Mar 02 j 21:59<br>-825 Mar 03 j 01:07<br>-825 Mar 10 j 00:34 | 24°≈50'57<br>0°₩<br>3°₩50'09<br>4°₩06'18<br>18°₩39'28 | -1°08'56    |
| max. Earth dist. superior conj minimum elong | -826 Mar 10 j 22:54<br>-826 Mar 10 j 22:54<br>-826 Mar 15 j 20:53<br>-826 Mar 18 j 22:00<br>-826 Mar 19 j 00:03<br>-826 Mar 23 j 03:32                        | 3°¥20'03<br>13°¥16'48<br>19°¥40'51<br>19°¥51'42<br>28°¥43'01        | -0°43'19         | max. Earth dist. superior conj minimum elong            | -825 Feb 26 j 11:33<br>-825 Mar 01 j 01:03<br>-825 Mar 02 j 21:59<br>-825 Mar 03 j 01:07                        | 24°≈50'57<br>0°¥<br>3°¥50'09<br>4°¥06'18              | -1°08'56    |

| •                                       | •  |  | •             |                       | 901 BCE in historical cou                  |                     | 50 41      |
|---|--|--|---------------|-----------------------|--|---------------------|------------|
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | -825 Mar 15 j 16:20                        | 0°Υ  |               | <i>y</i> - <i>y y</i> | -824 Feb 20 j 18:10                        | 0° <b>∀</b>         |            |
| evening max el                          | -825 Mar 29 j 17:54                        | 20° <b>Y</b> 42'56                               | 20°57'35      | evening rise          | -824 Feb 22 j 16:56                        | 3° <b>¥</b> 57'12   |            |
| retrograde                              | -825 Apr 10 j 06:18                        | 26° <b>Y</b> 16'24                               |               | asc. node             | -824 Feb 24 j 21:36                        | 8° <b>¥</b> 20'57   |            |
| evening set                             | -825 Apr 12 j 12:41                        | 26° <b>Y</b> ′04′18                              |               |                       | -824 Mar 09 j 01:53                        | $0^{\circ}$ Y       |            |
| desc. node                              | -825 Apr 19 j 05:46                        | 23° <b>Y</b> 31'35                               |               | evening max el        | -824 Mar 11 j 05:01                        | 2° <b>Y</b> 15'20   | 19°45'46   |
| inferior conj                           | -825 Apr 21 j 19:23                        | 22° <b>Y</b> ′06′10                              | -0°43'54      | retrograde            | -824 Mar 21 j 00:29                        | 6° <b>Ƴ</b> 57'18   |            |
| minimum elong                           | -825 Apr 21 j 17:18                        | 22° <b>Y</b> ′09'07                              | 0°43'08       | evening set           | -824 Mar 23 j 04:13                        | 6° <b>Ƴ</b> 44'41   |            |
| min. Earth dist.                        | -825 Apr 22 j 14:30                        | 21° <b>Y</b> ′39'03                              | 0.55062 AU    | inferior conj         | -824 Mar 31 j 20:30                        | 2° <b>Y</b> '42'11  | 1°11'09    |
| morning rise                            | -825 Apr 30 j 21:34                        | 17° <b>Ƴ</b> 59'31                               |               | minimum elong         | -824 Mar 31 j 23:26                        | 2° <b>Y</b> 37'36   | 1°10'10    |
| direct                                  | -825 May 04 j 04:24                        | 17° <b>Ƴ</b> 36'11                               |               | min. Earth dist.      | -824 Apr 03 j 04:42                        | 1° <b>Y</b> 14'49   | 0.55787 AU |
| morning max el                          | -825 May 17 j 04:07                        | 23° <b>Y</b> ′50'37                              | 22°41'15      | desc. node            | -824 Apr 05 j 02:49                        | 0° <b>Ƴ</b> 07'30   |            |
| C                                       | -825 May 22 j 16:46                        | 0° <b>႘</b>                                      |               |                       | -824 Apr 05 j 08:16                        | 30° <b>₹</b> ₩      |            |
| asc. node                               | -825 Jun 05 j 23:52                        | 24° <b>8</b> 03'26                               |               | morning rise          | -824 Apr 09 j 16:16                        | 28° <b>¥</b> 06'50  |            |
| morning set                             | -825 Jun 08 j 10:02                        | 29° <b>8</b> 02'37                               |               | direct                | -824 Apr 13 j 21:19                        | 27° <b>¥</b> 27'25  |            |
| C                                       | -825 Jun 08 j 21:00                        | 0° <b>Ⅱ</b>                                      |               |                       | -824 Apr 22 j 03:52                        | $0^{\circ}\Upsilon$ |            |
|   | ,  |  |               | morning max el        | -824 Apr 27 j 20:02                        | 4° <b>Υ</b> 25'56   | 24°21'57   |
| superior conj                           | -825 Jun 15 j 14:12                        | 14° <b>Ⅱ</b> 17'37                               | 1°25'57       | C                     | -824 May 15 j 20:34                        | 0° <b>႘</b>         |            |
| minimum elong                           | -825 Jun 15 j 11:42                        | 14° <b>∏</b> 04'22                               | 1°25'40       | morning set           | -824 May 22 j 21:58                        | 14° <b>8</b> 01'54  |            |
| max. Earth dist.                        | -825 Jun 18 j 11:00                        | 20° <b>∏</b> 19'15                               | 1.34133 AU    | asc. node             | -824 May 22 j 20:55                        | 13° <b>8</b> 56'23  |            |
| evening rise                            | -825 Jun 23 j 09:24                        | 0°518'38   | 1.5 1.55 1.10 | use. Houe             | 02 1 11 <b>11</b> 1 2 1 2 0 0 0 0          | 15 00025            |            |
| evening rise                            | -825 Jun 23 j 05:37                        | 0.2<br>0.2                                       |               | superior conj         | -824 May 29 j 22:37                        | 29° <b>8</b> 09'44  | 1°08'22    |
|   | -825 Jul 10 j 10:53                        | $0 {\circ} \Omega$                               |               | minimum elong         | -824 May 29 j 20:11                        | 28° <b>8</b> 56'34  | 1°08'00    |
| desc. node                              | -825 Jul 16 j 05:07                        | 8° <b>Ω</b> 18'07                                |               | minimum clong         | -824 May 30 j 07:54                        | 0°Ⅱ                 | 1 00 00    |
| evening max el                          | -825 Jul 27 j 22:09                        | 22°Ω05'30  | 27013'11      | max. Earth dist.      | -824 May 31 j 15:15                        |                     | 1.33176 AU |
| retrograde                              | -825 Aug 10 j 07:12                        | 22 <b>δ</b> 203 30<br>29° <b>Ω</b> 24'56         | 2/ 1311       | evening rise          | -824 Jun 06 j 06:31                        | 14° <b>Ⅱ</b> 36'48  | 1.33170 AU |
| evening set                             | -825 Aug 10 j 07:12<br>-825 Aug 17 j 07:35 | 26° <b>Ω</b> 38'57                               |               | evening rise          | -824 Jun 14 j 07:35                        | 0°95                |            |
| min. Earth dist.                        |  | 20 <b>δ</b> <i>t</i> 38 37<br>23° <b>Ω</b> 02'13 | 0.64825 AU    | desc. node            | -824 Jul 14 j 07.33                        | 0 9<br>27°906'25    |            |
|   | -825 Aug 21 j 02:12                        | 23 <b>δ</b> 02 13 20° <b>Ω</b> 38'03             |               | desc. node            | 3  | 27 <b>30</b> 00 23  |            |
| inferior conj                           | -825 Aug 23 j 06:17                        | 20° <b>Ω</b> 26'18                               |               |                       | -824 Jul 04 j 11:54<br>-824 Jul 09 j 08:10 | 5° <b>Ω</b> 07'46   | 27925100   |
| minimum elong                           | -825 Aug 23 j 10:31                        |  | 2 39 30       | evening max el        | 3  |                     | 27 23 09   |
| morning rise                            | -825 Aug 29 j 14:07                        | 15° <b>Ω</b> 06'45                               |               | retrograde            | -824 Jul 23 j 01:11                        | 12° <b>Ω</b> 27'58  |            |
| direct                                  | -825 Sep 01 j 07:32                        | 14° <b>Ω</b> 27'28                               |               | evening set           | -824 Jul 30 j 06:06                        | 9° <b>Ω</b> 51'04   | 0.63235 AU |
| asc. node                               | -825 Sep 01 j 23:04                        | 14° <b>Ω</b> 29'42                               | 1000/127      | min. Earth dist.      | -824 Aug 02 j 20:14                        | 6° <b>Ω</b> 46'33   |            |
| morning max el                          | -825 Sep 07 j 19:50                        | 17° <b>Ω</b> 57'06                               | 18-003/       | inferior conj         | -824 Aug 05 j 13:39                        | 4°Ω03'39            |            |
| . ,                                     | -825 Sep 16 j 15:32                        | 0° Mp  |               | minimum elong         | -824 Aug 05 j 18:12                        | 3° <b>£</b> 52'16   | 3°46'43    |
| morning set                             | -825 Sep 25 j 20:05                        | 15° Mp 12'29                                     |               |                       | -824 Aug 10 j 04:22                        | 30°₹©               |            |
|   | -825 Oct 04 j 18:52                        | 0∘ <b>⊽</b>                                      |               | morning rise          | -824 Aug 12 j 07:25                        | 28°550'19           |            |
|   | 0050 . 00:15.41                            | <b>50.0</b> 50110                                | 001 (101      | direct                | -824 Aug 14 j 20:52                        | 28°519'08           |            |
| superior conj                           | -825 Oct 09 j 17:41                        | 7° <b>Ω</b> 59'18                                |               | asc. node             | -824 Aug 18 j 20:07                        | 29° <b>©</b> 35'07  |            |
| minimum elong                           | -825 Oct 09 j 19:37                        | 8° <b>Ω</b> 07'02                                | 0°15'44       |                       | -824 Aug 19 j 10:53                        | 0° <b>N</b>         | 1505404    |
| behind sun begin                        | -825 Oct 09 j 16:58                        | 7° <b>Ω</b> 56'24                                |               | morning max el        | -824 Aug 21 j 11:27                        | 1° <b>Ω</b> 44'10   | 17°54'04   |
| behind sun end                          | -825 Oct 09 j 22:17                        | 8° <b>Ω</b> 17'41                                |               | morning set           | -824 Sep 07 j 00:48                        | 27° <b>Ω</b> 23'26  |            |
| desc. node                              | -825 Oct 12 j 04:29                        | 11° <b>≏</b> 53'38                               |               |                       | -824 Sep 08 j 12:31                        | 0° <b>m</b>         |            |
| max. Earth dist.                        | -825 Oct 13 j 16:56                        | 14° <b>≏</b> 18'03                               | 1.44699 AU    |                       |  |                     |            |
|   | -825 Oct 23 j 17:40                        | 0°M  |               | superior conj         | -824 Sep 18 j 22:42                        | 17° <b>m</b> 51'18  | 0°57'46    |
| evening rise                            | -825 Oct 26 j 05:41                        | 3°M52'32   |               | minimum elong         | -824 Sep 19 j 03:45                        | 18° <b>m</b> 12'19  | 0°57'09    |
| greatest brilliancy                     | -825 Nov 08 j 12:53                        | 24°M12'45  | -0.7m         | max. Earth dist.      | -824 Sep 25 j 08:55                        | 28° m/22'13         | 1.43707 AU |
|   | -825 Nov 12 j 11:45                        | 0° <b>∡</b> ¹                                    |               |                       | -824 Sep 26 j 09:17                        | 0∘ <b>ত</b>         |            |
| evening max el                          | -825 Nov 20 j 19:43                        | 10° <b>∡</b> 36′39                               | 19°52'43      | desc. node            | -824 Sep 28 j 01:30                        | 2° <b>≏</b> 40'20   |            |
| retrograde                              | -825 Nov 28 j 08:28                        | 15° <b>₹</b> 00'44                               |               | evening rise          | -824 Oct 04 j 12:09                        | 12° <b>Ω</b> 46'07  |            |
| asc. node                               | -825 Nov 28 j 22:16                        | 14° <b>₹</b> 58'51                               |               |                       | -824 Oct 15 j 21:00                        | 0° <b>M</b> ₊       |            |
| evening set                             | -825 Dec 01 j 22:13                        | 13° <b>∡</b> 46′05                               |               | evening max el        | -824 Nov 02 j 20:17                        | 24°M04'32           | 20°57'27   |
| inferior conj                           | -825 Dec 07 j 10:03                        | 7° <b>∡</b> °45′07                               |               | retrograde            | -824 Nov 11 j 06:00                        | 29°M03'35           |            |
| minimum elong                           | -825 Dec 07 j 07:14                        | 7° <b>∡</b> 754'27                               | 2°36'41       | asc. node             | -824 Nov 14 j 19:19                        | 27° <b>M</b> 51'47  |            |
| min. Earth dist.                        | -825 Dec 08 j 09:00                        | 6° <b>≯</b> 29'01                                | 0.66640 AU    | evening set           | -824 Nov 15 j 05:29                        | 27°M33'27           |            |
| morning rise                            | -825 Dec 12 j 16:04                        | 1° <b>∡</b> ³32'24                               |               | inferior conj         | -824 Nov 20 j 14:43                        | 21°M22'05           | 1°54'10    |
|   | -825 Dec 14 j 17:55                        | 30°RM₊   |               | minimum elong         | -824 Nov 20 j 12:23                        | 21°M30'05           | 1°53'17    |
| direct                                  | -825 Dec 18 j 15:02                        | 28°M54'19  |               | min. Earth dist.      | -824 Nov 21 j 01:41                        | 20°M44'31           | 0.67281 AU |
|   | -825 Dec 22 j 20:55                        | 0° <b>∡</b> 7                                    |               | morning rise          | -824 Nov 25 j 19:06                        | 15°M08'12           |            |
| morning max el                          | -825 Dec 30 j 14:42                        | 6° <b>₰</b> 01'24                                | 25°22'25      | direct                | -824 Dec 01 j 03:00                        | 12°M49'05           |            |
| desc. node                              | -824 Jan 08 j 03:42                        | 15° <b>₹</b> 57'34                               |               | morning max el        | -824 Dec 11 j 23:18                        | 19° <b>M</b> 17'16  | 23°57'19   |
|   | -824 Jan 18 j 05:00                        | 0° <b>ප</b>                                      |               |                       | -824 Dec 21 j 01:14                        | 0° <b>∡</b> ¹       |            |
| morning set                             | -824 Feb 04 j 21:01                        | 29° <b>る</b> 04'36                               |               | desc. node            | -824 Dec 25 j 00:45                        | 5° <b>∡</b> "22′10  |            |
|   | -824 Feb 05 j 09:15                        | 0° <b>≈</b>                                      |               |                       | -823 Jan 10 j 08:51                        | ರ°0                 |            |
| max. Earth dist.                        | -824 Feb 08 j 14:43                        | 5° <b>≈</b> 58'10                                | 1.36435 AU    | morning set           | -823 Jan 16 j 13:42                        | 10° <b>る</b> 20'58  |            |
|   |  |  |               | max. Earth dist.      | -823 Jan 20 j 10:25                        | 17° <b>る</b> 06'05  | 1.38437 AU |
| superior conj                           | -824 Feb 14 j 13:11                        | 17° <b>≈</b> 27'40                               | -1°32'00      |                       | -823 Jan 27 j 10:51                        | 0° <b>≈</b>         |            |
| minimum elong                           | -824 Feb 14 j 16:53                        | 17° <b>≈</b> 46′05                               | 1°31'32       |                       |  |                     |            |
|   |  |  |               |                       |  |                     |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 42 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Th                | ne year -900 in                     | astronomical cour  | nting style is the year | 901 BCE in historical cou                  | nting style.                             | ) ·                |
|---------------------|--|-------------------------------------|--------------------|-------------------------|--|--|--------------------|
| superior conj       | -823 Jan 27 j 16:02                        | 0° <b>≈</b> 24'31                   | -1°50'05           | minimum elong           | -822 Jan 10 j 02:56                        | 12° <b>る</b> 33'45                       | 1°59'54            |
| minimum elong       | -823 Jan 27 j 19:16                        | 0° <b>≈</b> 39'54                   | 1°49'51            |                         | -822 Jan 19 j 12:41                        | 0° <b>≈</b>                              |                    |
| evening rise        | -823 Feb 05 j 14:32                        | 17° <b>≈</b> 47'20                  |                    | evening rise            | -822 Jan 20 j 02:12                        | 1° <b>≈</b> 03'44                        |                    |
| asc. node           | -823 Feb 10 j 18:37                        | 27° <b>≈</b> 42′08                  |                    | asc. node               | -822 Jan 28 j 15:39                        | 16° <b>≈</b> 36′17                       |                    |
|                     | -823 Feb 12 j 00:53                        | 0° <b>∀</b>                         |                    | evening max el          | -822 Feb 05 j 08:16                        | 27° <b>≈</b> 05′29                       | 18°20'39           |
| evening max el      | -823 Feb 22 j 02:37                        | 14° <b>¥</b> 24'57                  | 18°53'09           |                         | -822 Feb 09 j 10:41                        | 0° <b>∀</b>                              |                    |
| retrograde          | -823 Mar 02 j 09:57                        | 18° <b>¥</b> 25'35                  |                    | retrograde              | -822 Feb 12 j 14:10                        | 0° <b>)</b> 40′47                        |                    |
| evening set         | -823 Mar 04 j 17:40                        | 18° <b>)</b> €08'03                 |                    | evening set             | -822 Feb 15 j 02:49                        | 0° <b>)</b> 15′45                        |                    |
| inferior conj       | -823 Mar 12 j 15:17                        | 13° <b>¥</b> 50′11                  | 2°39'01            |                         | -822 Feb 15 j 20:04                        | 30° <b>₹</b> ≈                           |                    |
| minimum elong       | -823 Mar 12 j 19:46                        | 13° <b>)</b> 42′04                  | 2°37'51            | inferior conj           | -822 Feb 22 j 07:04                        | 25° <b>≈</b> 37'25                       | 3°30'56            |
| min. Earth dist.    | -823 Mar 15 j 21:00                        | 11° <b>∺</b> 31′01                  | 0.57297 AU         | minimum elong           | -822 Feb 22 j 10:05                        | 25° <b>≈</b> 31′03                       | 3°30'29            |
| morning rise        | -823 Mar 20 j 18:54                        | 8° <b>¥</b> 42'18                   |                    | min. Earth dist.        | -822 Feb 25 j 17:11                        | 22° <b>≈</b> 46′06                       | 0.59270 AU         |
| desc. node          | -823 Mar 22 j 23:51                        | 7° <b>¥</b> 57'07                   |                    | morning rise            | -822 Mar 01 j 15:03                        | 20° <b>≈</b> 04'29                       |                    |
| direct              | -823 Mar 26 j 03:50                        | 7° <b>)</b> €32'41                  |                    | direct                  | -822 Mar 07 j 23:34                        | 18° <b>≈</b> 16′39                       |                    |
| morning max el      | -823 Apr 09 j 11:17                        | 14° <b>¥</b> 59'51                  | 25°54'53           | desc. node              | -822 Mar 09 j 20:54                        | 18° <b>≈</b> 25'58                       |                    |
|                     | -823 Apr 21 j 11:35                        | $0$ ° $\Upsilon$                    |                    | morning max el          | -822 Mar 22 j 06:47                        | 25° <b>≈</b> 58′26                       | 27°05'04           |
| morning set         | -823 May 07 j 09:35                        | 29° <b>Ƴ</b> 00′05                  |                    |                         | -822 Mar 26 j 01:24                        | 0° <b>∀</b>                              |                    |
|                     | -823 May 07 j 20:57                        | 0°B                                 |                    |                         | -822 Apr 14 j 19:13                        | $0$ ° $\Upsilon$                         |                    |
| asc. node           | -823 May 09 j 17:57                        | 4° <b>8</b> 00'14                   |                    | morning set             | -822 Apr 21 j 19:13                        | 13° <b>Y</b> 51'23                       |                    |
|                     |  |                                     |                    | asc. node               | -822 Apr 26 j 14:59                        | 24° <b>Y</b> 10'28                       |                    |
| superior conj       | -823 May 14 j 09:35                        | 14° <b>8</b> 08'37                  | 0°47'22            |                         |  |  |                    |
| minimum elong       | -823 May 14 j 07:40                        | 13° <b>8</b> 58'08                  | 0°47'01            | superior conj           | -822 Apr 28 j 21:22                        | 29° <b>Ƴ</b> 08'13                       | 0°23'47            |
| max. Earth dist.    | -823 May 15 j 01:31                        |                                     | 1.32595 AU         | minimum elong           | -822 Apr 28 j 20:19                        | 29° <b>Ƴ</b> 02'29                       | 0°23'33            |
| evening rise        | -823 May 21 j 10:42                        | 29° <b>8</b> 15'47                  |                    | max. Earth dist.        | -822 Apr 28 j 14:22                        | 28° <b>Ƴ</b> 29'51                       | 1.32379 AU         |
| Č                   | -823 May 21 j 19:15                        | $\Pi^{\circ}0$                      |                    |                         | -822 Apr 29 j 06:48                        | 0°B                                      |                    |
|                     | -823 Jun 07 j 12:14                        | 0∘ <b>ௐ</b>                         |                    | evening rise            | -822 May 05 j 19:28                        | 14° <b>8</b> 07'18                       |                    |
| desc. node          | -823 Jun 18 j 23:07                        | 14° <b>©</b> 55'29                  |                    | 8                       | -822 May 13 j 20:29                        | 0°II                                     |                    |
| evening max el      | -823 Jun 21 j 14:06                        | 17° <b>©</b> 35'11                  | 27°05'03           | evening max el          | -822 Jun 03 j 14:00                        | 29° <b>Ⅱ</b> 19'47                       | 26°12'26           |
| retrograde          | -823 Jul 05 j 12:24                        | 24° <b>©</b> 53'24                  |                    |                         | -822 Jun 04 j 07:12                        | 0ංම                                      |                    |
| evening set         | -823 Jul 12 j 12:34                        | 22° <b>©</b> 39'54                  |                    | desc. node              | -822 Jun 05 j 20:07                        | 1°520'41                                 |                    |
| min. Earth dist.    | -823 Jul 16 j 04:09                        |                                     | 0.61336 AU         | retrograde              | -822 Jun 17 j 15:13                        | 6°933'59                                 |                    |
| inferior conj       | -823 Jul 19 j 08:29                        | 17° <b>©</b> 08'32                  |                    | evening set             | -822 Jun 23 j 22:30                        | 4°956'03                                 |                    |
| minimum elong       | -823 Jul 19 j 12:00                        | 17° <b>©</b> 00'45                  |                    | min. Earth dist.        | -822 Jun 28 j 02:57                        |  | 0.59284 AU         |
| morning rise        | -823 Jul 26 j 13:05                        | 12° <b>©</b> 15'50                  |                    | inferior conj           | -822 Jul 01 j 11:12                        | 29° <b>Ⅱ</b> 43'47                       |                    |
| direct              | -823 Jul 29 j 00:50                        | 11°950'18                           |                    | minimum elong           | -822 Jul 01 j 11:46                        | 29° <b>Ⅱ</b> 42'41                       |                    |
| morning max el      | -823 Aug 05 j 01:18                        | 15° <b>©</b> 19'38                  | 18°00'06           | minimum ciong           | -822 Jul 01 j 02:48                        | 30°RII                                   | 7 37 70            |
| asc. node           | -823 Aug 05 j 17:11                        | 15° <b>©</b> 59'47                  | 10 00 00           | morning rise            | -822 Jul 09 j 03:17                        | 25° <b>I</b> 13'12                       |                    |
| ase. Houe           | -823 Aug 15 j 05:29                        | 0°Ω                                 |                    | direct                  | -822 Jul 11 j 15:22                        | 24° <b>I</b> 51'29                       |                    |
| morning set         | -823 Aug 21 j 00:06                        | 10° <b>Ω</b> 27'44                  |                    | morning max el          | -822 Jul 19 j 10:23                        | 28° <b>II</b> 35'28                      | 18°25'52           |
| morning set         | -023 Aug 21 J 00.00                        | 10 6627 44                          |                    | morning max cr          | -822 Jul 20 j 19:17                        | 0°9                                      | 16 23 32           |
| superior conj       | -823 Aug 31 j 07:09                        | 29° <b>Ω</b> 04'16                  | 1°26'37            | asc. node               | -822 Jul 20 j 19:17                        | 3°928'28                                 |                    |
| minimum elong       | -823 Aug 31 j 11:37                        | 29° <b>Ω</b> 23'50                  |                    | morning set             | -822 Aug 04 j 12:53                        | 24°912'13                                |                    |
| minimum clong       | -823 Aug 31 j 11:57                        | 0°m)                                | 1 2013             | morning set             | -822 Aug 04 j 12:33                        | 0°Ω                                      |                    |
| max. Earth dist.    | -823 Sep 07 j 19:35                        | 11° mp 53'23                        | 1.42161 AU         |                         | -022 Aug 07 j 13.24                        | 0 80                                     |                    |
| evening rise        | -823 Sep 14 j 01:25                        | 22° Mp 01'00                        | 1.42101 AU         | superior conj           | -822 Aug 13 j 15:21                        | 11° <b>Ω</b> 28'17                       | 10/12/33           |
| desc. node          | -823 Sep 14 j 01:25                        | 23° m/ 24'30                        |                    | minimum elong           | -822 Aug 13 j 17:41                        | 11° <b>Ω</b> 39'01                       |                    |
| desc. Hode          | -823 Sep 19 j 03:59                        | 25 الله 24 عال<br>0° <del>م</del>   |                    | max. Earth dist.        | -822 Aug 13 j 17:41<br>-822 Aug 21 j 01:11 | 24°Ω43'48                                | 1.40266 AU         |
|                     | -823 Oct 10 j 03:01                        | 0° <b>m</b> .                       |                    | max. Larm dist.         | -822 Aug 24 j 03:20                        | 0° <b>m</b> )                            | 1.40200 AC         |
| evening max el      | -823 Oct 16 j 15:04                        | 7°M32'46                            | 22°12'24           | evening rise            | -822 Aug 25 j 12:02                        | 2° Mp 16'40                              |                    |
| retrograde          | -823 Oct 26 j 01:52                        | 13°M 10'00                          | 22 12 24           | desc. node              | -822 Sep 01 j 19:30                        | 14° Mp 02'49                             |                    |
| evening set         | -823 Oct 30 j 13:13                        | 11°M22'34                           |                    | desc. node              | -822 Sep 01 j 12:01                        | ე∘ <u>ი</u>                              |                    |
| asc. node           | -823 Nov 01 j 16:22                        | 9°M15'53                            |                    | evening max el          | -822 Sep 12 j 12:01<br>-822 Sep 29 j 05:20 | 0 <b>=</b><br>21° <b>£</b> 03'36         | 23032123           |
| inferior conj       | -823 Nov 04 j 21:24                        | 5°M04'31                            | 1°05'23            | retrograde              | -822 Oct 09 j 18:43                        | 21° <b>⊆</b> 03'30<br>27° <b>⊆</b> 17'33 | 23 32 23           |
| ·                   | -823 Nov 04 j 21:24<br>-823 Nov 04 j 19:56 | 5°M09'35                            | 1°03'23<br>1°04'47 | evening set             | -822 Oct 14 j 19:45                        | 27 <b>=</b> 1733<br>25° <b>£</b> 11'47   |                    |
| minimum elong       | -823 Nov 04 j 19.36<br>-823 Nov 04 j 21:33 | 5°M03'59                            | 0.67586 AU         | asc. node               | 3  | 23 <b>≗</b> 1147<br>19° <b>£</b> 41'37   |                    |
| min. Earth dist.    | •  |                                     | 0.07380 AU         |                         | -822 Oct 19 j 13:26                        |  | 0010151            |
| morning rise        | -823 Nov 08 j 21:37                        | 30°R <b>≏</b><br>28° <b>≏</b> 51'51 |                    | inferior conj           | -822 Oct 20 j 04:20                        | 18° <b>♀</b> 50'43<br>18° <b>♀</b> 51'47 | 0°12'51<br>0°12'43 |
| morning rise        | -823 Nov 10 j 02:30                        |                                     |                    | minimum elong           | -822 Oct 20 j 04:01                        |  |                    |
| direct              | -823 Nov 14 j 19:19                        | 26° <b>♀</b> 54'44                  |                    | transit middle          | -822 Oct 20 j 04:01                        | 18° <b>£</b> 51'47                       | 0°12'43            |
| manmin 1            | -823 Nov 21 j 13:48                        | 0°M                                 | 2202015.4          | transit begin           | -822 Oct 20 j 02:19                        | 18° <b>♀</b> 57'35                       |                    |
| morning max el      | -823 Nov 24 j 10:04                        | 2°M36'54                            | 22°29°34           | transit end             | -822 Oct 20 j 05:43                        | 18° <b>£</b> 45'59                       | 0.67576.433        |
| desc. node          | -823 Dec 11 j 21:47                        | 25°M15'09                           |                    | min. Earth dist.        | -822 Oct 19 j 18:08                        | 19° <b>£</b> 25'34                       | 0.67576 AU         |
|                     | -823 Dec 15 j 03:04                        | 0° 🔏 12/57                          |                    | morning rise            | -822 Oct 25 j 12:12                        | 12° <b>£</b> 41'56                       |                    |
| morning set         | -823 Dec 28 j 02:18                        | 20° 🗷 13'57                         | 1 40552 411        | direct                  | -822 Oct 29 j 15:02                        | 11° <b>£</b> 06'55                       | 21000114           |
| max. Earth dist.    | -822 Jan 02 j 06:28                        |                                     | 1.40552 AU         | morning max el          | -822 Nov 07 j 02:30                        | 16° <b>♀</b> 04'30                       | 21~08'14           |
|                     | -822 Jan 02 j 22:56                        | 0°₹                                 |                    | 4 1                     | -822 Nov 18 j 04:51                        | 0°M                                      |                    |
|                     | 000 1 10:01 5:                             | 10070055                            | 1050153            | desc. node              | -822 Nov 28 j 18:49                        | 15°M28'27                                |                    |
| superior conj       | -822 Jan 10 j 01:51                        | 12° <b>る</b> 28'51                  | -1~59.53           | morning set             | -822 Dec 07 j 11:18                        | 28°M49'51                                |                    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 43 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom |                     | he year -900 in     | astronomical cou | inting style is the year | 901 BCE in historical cou |                                  |            |
|---------------------|---------------------|---------------------|------------------|--------------------------|---------------------------|----------------------------------|------------|
|                     | -822 Dec 08 j 05:09 | 0° <b>∡</b> ¹       |                  |                          | -821 Oct 21 j 09:17       | 0ಂ <b>ರಾ</b>                     |            |
| max. Earth dist.    | -822 Dec 15 j 09:31 | 11° <b>∡</b> ³30′52 | 1.42489 AU       |                          | -821 Nov 11 j 19:09       | 0°M₊                             |            |
|                     |                     |                     |                  | desc. node               | -821 Nov 15 j 15:52       | 5°M56'24                         |            |
| superior conj       | -822 Dec 22 j 13:06 | 23° <b>∡</b> 27'04  |                  | morning set              | -821 Nov 16 j 08:06       | 6°M59'07                         |            |
| minimum elong       | -822 Dec 22 j 10:05 | 23° <b>∡</b> 14'12  | 1°57'07          | max. Earth dist.         | -821 Nov 27 j 20:31       | 25°M03'06                        | 1.43974 AU |
|                     | -822 Dec 26 j 08:09 | 0°₹                 |                  |                          | -821 Nov 30 j 22:32       | 0°⊀                              |            |
| evening rise        | -821 Jan 03 j 00:11 | 13°る38'10           |                  |                          |                           |                                  |            |
|                     | -821 Jan 12 j 08:09 | 0° <b>≈</b>         |                  | superior conj            | -821 Dec 02 j 21:37       | 3° <b>≯</b> 10'43                |            |
| asc. node           | -821 Jan 15 j 12:42 | 4° <b>≈</b> 54'27   |                  | minimum elong            | -821 Dec 02 j 14:19       | 2° <b>∡</b> ′41′04               | 1°37'12    |
| evening max el      | -821 Jan 19 j 18:48 | 10°≈07'25           | 18°07'57         | evening rise             | -821 Dec 16 j 04:15       | 25° <b>₹</b> 23'01               |            |
| retrograde          | -821 Jan 26 j 10:46 | 13°≈33'07           |                  |                          | -821 Dec 18 j 20:54       | 0°る                              |            |
| evening set         | -821 Jan 29 j 03:42 | 12°≈59'19           |                  | asc. node                | -820 Jan 02 j 09:46       | 22° <b>る</b> 25'59               |            |
| inferior conj       | -821 Feb 04 j 17:52 | 7°≈59'26            |                  | evening max el           | -820 Jan 03 j 07:19       | 23° <b>る</b> 23'14               | 18°14'31   |
| minimum elong       | -821 Feb 04 j 18:31 | 7°≈57'52            | 3°51'40          | retrograde               | -820 Jan 09 j 19:15       | 26° <b>る</b> 52'30               |            |
| min. Earth dist.    | -821 Feb 07 j 20:03 | 5°≈00'50            | 0.61355 AU       | evening set              | -820 Jan 12 j 16:24       | 26°る09'09                        | 20.404.2   |
| morning rise        | -821 Feb 11 j 07:57 | 2°≈09'56            |                  | inferior conj            | -820 Jan 18 j 19:53       | 20°る49'02                        |            |
|                     | -821 Feb 16 j 04:27 | 30°Rる               |                  | minimum elong            | -820 Jan 18 j 18:34       | 20°る52'37                        |            |
| direct              | -821 Feb 18 j 05:36 | 29° <b>ප්</b> 47'40 |                  | min. Earth dist.         | -820 Jan 21 j 08:12       | 18° <b>る</b> 04'51               | 0.63276 AU |
|                     | -821 Feb 20 j 07:52 | 0° <b>≈</b>         |                  | morning rise             | -820 Jan 24 j 19:59       | 14°る48'50                        |            |
| desc. node          | -821 Feb 24 j 17:59 | 1°≈39'47            |                  | direct                   | -820 Jan 31 j 20:05       | 12° <b>る</b> 04'12               |            |
| morning max el      | -821 Mar 04 j 08:35 |                     | 27°41'58         | desc. node               | -820 Feb 11 j 15:02       | 17° <b>る</b> 07'14               |            |
|                     | -821 Mar 21 j 10:17 | 0° <b>∺</b>         |                  | morning max el           | -820 Feb 14 j 15:42       | 19° <b>る</b> 54'23               | 27°41'57   |
| morning set         | -821 Apr 06 j 00:55 | 28° <b>∺</b> 28'11  |                  |                          | -820 Feb 23 j 07:53       | 0° <b>≈</b>                      |            |
|                     | -821 Apr 06 j 18:44 | 0°Υ                 |                  |                          | -820 Mar 13 j 09:00       | 0° <b>∀</b>                      |            |
| max. Earth dist.    | -821 Apr 12 j 02:01 | 11° <b>Υ</b> 17'02  | 1.32529 AU       | morning set              | -820 Mar 20 j 00:25       | 12° <b>)</b> 43′04               |            |
|                     |                     |                     |                  | max. Earth dist.         | -820 Mar 25 j 08:28       | 23° <b>)</b> 43′45               | 1.33064 AU |
| superior conj       | -821 Apr 13 j 08:13 | 14° <b>Y</b> 01′26  |                  |                          |                           |                                  |            |
| minimum elong       | -821 Apr 13 j 08:18 | 14° <b>Y</b> 01'51  | 0°01'40          | superior conj            | -820 Mar 27 j 16:29       | 28° <b>)</b> 42′49               |            |
| behind sun begin    | -821 Apr 13 j 03:15 | 13° <b>Ƴ</b> 34'16  |                  | minimum elong            | -820 Mar 27 j 17:49       | 28° <b>)</b> 49'57               | 0°27'48    |
| behind sun end      | -821 Apr 13 j 13:22 | 14° <b>Y</b> 29′28  |                  |                          | -820 Mar 28 j 06:49       | $0$ ° $\mathbf{\Upsilon}$        |            |
| asc. node           | -821 Apr 13 j 12:00 | 14° <b>Y</b> 22′05  |                  | asc. node                | -820 Mar 30 j 09:04       | 4° <b>Ƴ</b> 31'17                |            |
| evening rise        | -821 Apr 20 j 06:40 | 29° <b>Ƴ</b> 02'48  |                  | evening rise             | -820 Apr 03 j 18:27       | 13° <b>Y</b> 55'52               |            |
|                     | -821 Apr 20 j 17:31 | $_{0\circ}$ 8       |                  |                          | -820 Apr 11 j 21:57       | $9^{\circ}$ 8                    |            |
|                     | -821 May 07 j 14:19 | $\Pi^{\circ}0$      |                  | evening max el           | -820 Apr 26 j 22:09       | 20° <b>8</b> 58'27               | 23°19'26   |
| evening max el      | -821 May 16 j 07:27 | 10° <b>Ⅱ</b> 21'30  | 24°53'05         | desc. node               | -820 May 09 j 14:13       | 27° <b>8</b> 41'27               |            |
| desc. node          | -821 May 23 j 17:10 | 15° <b>Ⅱ</b> 48'01  |                  | retrograde               | -820 May 10 j 10:51       | 27° <b>8</b> 43'07               |            |
| retrograde          | -821 May 30 j 07:09 | 17° <b>Ⅲ</b> 27'14  |                  | evening set              | -820 May 14 j 02:50       | 27° <b>8</b> 13'36               |            |
| evening set         | -821 Jun 04 j 09:30 | 16° <b>Ⅱ</b> 27'59  |                  | min. Earth dist.         | -820 May 21 j 08:15       | 23° <b>8</b> 56'47               | 0.55819 AU |
| min. Earth dist.    | -821 Jun 09 j 19:04 | 13° <b>Ⅱ</b> 36′56  | 0.57334 AU       | inferior conj            | -820 May 23 j 05:54       | 22° <b>8</b> 49'29               | -3°30'01   |
| inferior conj       | -821 Jun 12 j 18:30 | 11° <b>Ⅱ</b> 38'41  | -4°25'52         | minimum elong            | -820 May 22 j 22:59       | 22° <b>8</b> 59'44               | 3°28'20    |
| minimum elong       | -821 Jun 12 j 14:39 | 11° <b>Ⅱ</b> 45′07  | 4°25'25          | morning rise             | -820 May 31 j 21:52       | 18° <b>8</b> 53'50               |            |
| morning rise        | -821 Jun 20 j 22:35 | 7° <b>Ⅱ</b> 29'07   |                  | direct                   | -820 Jun 03 j 13:51       | 18° <b>8</b> 36'31               |            |
| direct              | -821 Jun 23 j 12:13 | 7° <b>Ⅱ</b> 10′09   |                  | morning max el           | -820 Jun 14 j 02:51       | 23° <b>8</b> 29'12               | 20°19'47   |
| morning max el      | -821 Jul 02 j 11:40 | 11° <b>Ⅱ</b> 21'19  | 19°12'26         |                          | -820 Jun 19 j 17:37       | $\Pi$ $^{\circ}0$                |            |
| asc. node           | -821 Jul 10 j 11:17 | 21° <b>Ⅱ</b> 46′08  |                  | asc. node                | -820 Jun 26 j 08:20       | 10° <b>Ⅱ</b> 41'19               |            |
|                     | -821 Jul 15 j 03:01 | $0$ $\circ$ $\odot$ |                  | morning set              | -820 Jul 02 j 15:55       | 22° <b>Ⅱ</b> 59'30               |            |
| morning set         | -821 Jul 19 j 11:09 | 8° <b>5</b> 25'26   |                  |                          | -820 Jul 06 j 01:53       | $0$ $\circ$ $\odot$              |            |
|                     |                     |                     |                  |                          |                           |                                  |            |
| superior conj       | -821 Jul 27 j 17:30 | 24°5946'37          | 1°47'39          | superior conj            | -820 Jul 10 j 08:33       | 8°544'51                         | 1°44'12    |
| minimum elong       | -821 Jul 27 j 17:40 | 24°9547'25          | 1°47'39          | minimum elong            | -820 Jul 10 j 07:08       | 8° <b>©</b> 37'44                | 1°44'09    |
|                     | -821 Jul 30 j 10:55 | $0^{\circ}\Omega$   |                  | max. Earth dist.         | -820 Jul 15 j 09:51       | 18° <b>©</b> 44'18               | 1.36395 AU |
| max. Earth dist.    | -821 Aug 03 j 04:16 | 6° <b>Ω</b> 55'06   | 1.38261 AU       | evening rise             | -820 Jul 19 j 09:37       | 26° <b>©</b> 15'16               |            |
| evening rise        | -821 Aug 06 j 23:45 | 13° <b>Ω</b> 43'36  |                  |                          | -820 Jul 21 j 11:05       | $0^{\circ}\Omega$                |            |
|                     | -821 Aug 16 j 18:49 | 0° <b>m</b>         |                  | desc. node               | -820 Aug 05 j 13:34       | 24° <b>Ω</b> 42'16               |            |
| desc. node          | -821 Aug 19 j 16:32 | 4° Mp 30'40         |                  |                          | -820 Aug 09 j 05:29       | 0° <b>m</b>                      |            |
|                     | -821 Sep 07 j 09:40 | 0° <del>ح</del>     |                  | evening max el           | -820 Aug 24 j 04:26       | 18° m 13'22                      | 26°00'34   |
| evening max el      | -821 Sep 11 j 17:09 |                     | 24°50'57         | retrograde               | -820 Sep 05 j 15:59       | 25° m/20'12                      |            |
| retrograde          | -821 Sep 23 j 07:38 | 11° <b>≏</b> 22'51  |                  | evening set              | -820 Sep 11 j 22:14       | 22° m/42'10                      |            |
| evening set         | -821 Sep 28 j 23:24 | 8° <b>£</b> 59'18   |                  | min. Earth dist.         | -820 Sep 16 j 03:48       | 18° M 07'06                      | 0.66581 AU |
| min. Earth dist.    | -821 Oct 03 j 13:01 |                     | 0.67245 AU       | inferior conj            | -820 Sep 17 j 11:55       | 16° m 26'19                      |            |
| inferior conj       | -821 Oct 04 j 09:47 | 2° <b>£</b> 38'59   |                  | minimum elong            | -820 Sep 17 j 14:21       | 16° Mp 18'40                     |            |
| minimum elong       | -821 Oct 04 j 10:49 | 2° <b>£</b> 35'34   |                  | asc. node                | -820 Sep 22 j 07:34       | 11° mp 13'57                     |            |
| asc. node           | -821 Oct 06 j 10:30 | 0° <b>£</b> 02'34   | - <del>-</del> - | morning rise             | -820 Sep 23 j 06:45       | 10° m 33'43                      |            |
|                     | -821 Oct 06 j 11:21 | 30°R, My            |                  | direct                   | -820 Sep 26 j 11:08       | 9° m 35'32                       |            |
| morning rise        | -821 Oct 09 j 22:18 | 26° m/36'53         |                  | morning max el           | -820 Oct 03 j 09:53       | 13° <b>m</b> 29'45               | 19°01'51   |
| direct              | -821 Oct 13 j 12:50 | 25° m/21'54         |                  | mun vi                   | -820 Oct 15 j 13:26       | 0° <b>⊡</b>                      | 0.01       |
| morning max el      | -821 Oct 21 j 02:37 | 29° m/42'55         | 19°57'52         | morning set              | -820 Oct 25 j 17:03       | 0 <b>—</b><br>15° <b>Ω</b> 50'58 |            |
|                     |                     |                     |                  |                          | J 17.03                   |                                  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 44 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: T                | he year -900 in                       | astronomical cou | nting style is the year 9 | 901 BCE in historical cou | inting style.                       |                     |
|---------------------|--|---------------------------------------|------------------|---------------------------|---------------------------|-------------------------------------|---------------------|
| desc. node          | -820 Nov 01 j 12:54                        | 26° <b>₽</b> 34'00                    |                  | morning max el            | -819 Sep 16 j 22:25       | 27° <b>Ω</b> 21′03                  | 18°21'53            |
|                     | -820 Nov 03 j 17:24                        | 0° <b>M</b>                           |                  |                           | -819 Sep 19 j 06:48       | 0° <b>™</b>                         |                     |
| max. Earth dist.    | -820 Nov 09 j 12:40                        | 9° <b>™</b> 07'13                     | 1.44825 AU       | morning set               | -819 Oct 06 j 05:00       | 26° Mp 04'09                        |                     |
|                     | v  |                                       |                  | •                         | -819 Oct 08 j 15:00       | 0∘ <b>⊽</b>                         |                     |
| superior conj       | -820 Nov 11 j 06:08                        | 11° <b>M</b> 50'43                    | -1°00'35         | desc. node                | -819 Oct 19 j 09:57       | 17° <b>£</b> 17'51                  |                     |
| minimum elong       | -820 Nov 10 j 22:55                        | 11° <b>M</b> 22'13                    |                  |                           | ,                         |                                     |                     |
| 8                   | -820 Nov 22 j 15:00                        | 0° <b>∡</b> ¹                         |                  | superior conj             | -819 Oct 21 j 06:40       | 20° <b>≏</b> 14'37                  | -0°12'09            |
| evening rise        | -820 Nov 26 j 10:09                        | 6° <b>∡</b> 10′03                     |                  | minimum elong             | -819 Oct 21 j 05:04       | 20° <b>⊆</b> 08'19                  |                     |
| e vennig rise       | -820 Dec 11 j 09:53                        | 0° <b>る</b>                           |                  | behind sun begin          | -819 Oct 20 j 21:23       | 19° <b>£</b> 37'57                  | 0 110,              |
| evening max el      | -820 Dec 16 j 19:04                        | 6° <b>ට</b> 46'13                     | 18°39'27         | behind sun end            | -819 Oct 21 j 12:45       | 20° <b>⊆</b> 38'39                  |                     |
| asc. node           | -820 Dec 19 j 06:50                        | 8° <b>る</b> 56'57                     | 10 37 27         | max. Earth dist.          | -819 Oct 23 j 07:02       | 23° <b>⊆</b> 25'13                  | 1.44955 AU          |
| retrograde          | -820 Dec 23 j 11:14                        | 8 <b>3</b> 3037<br>10° <b>る</b> 29'53 |                  | max. Lartii dist.         | -819 Oct 27 j 11:34       | 0° <b>M</b>                         | 1.44 <i>)33 A</i> O |
| evening set         | -820 Dec 26 j 13:29                        | 9° <b>る</b> 35'50                     |                  | evening rise              | -819 Nov 06 j 16:05       | 15°M57'52                           |                     |
| inferior conj       | -820 Dec 20 j 13:29<br>-819 Jan 01 j 09:08 |                                       | 3°30'13          | evening rise              | -819 Nov 15 j 15:26       | 0° <b>√</b>                         |                     |
| minimum elong       | -819 Jan 01 j 06:40                        |                                       | 3°29'47          | greatest brilliancy       | -819 Nov 17 j 10:58       | 0° <b>х</b> ¹<br>2° <b>х</b> ¹48′06 | -0.8m               |
| min. Earth dist.    | -  |                                       | 0.64882 AU       | -                         | 3                         | 20° <b>₹</b> 13'10                  | 19°21'31            |
| mm. Earm dist.      | -819 Jan 03 j 06:15                        |                                       | 0.04882 AU       | evening max el            | -819 Nov 30 j 03:51       |                                     | 19 21 31            |
|                     | -819 Jan 04 j 18:25                        | 30°₹ <b>⋌</b> 7                       |                  | asc. node                 | -819 Dec 06 j 03:52       | 24° 🖈 12'47                         |                     |
| morning rise        | -819 Jan 06 j 23:26                        | 27° 🗷 50'44                           |                  | retrograde                | -819 Dec 07 j 07:17       | 24° ₹ 20'07                         |                     |
| direct              | -819 Jan 13 j 17:44                        | 24° <b>₹</b> 58'25                    |                  | evening set               | -819 Dec 10 j 16:15       | 23° 🖈 13'42                         | 2050122             |
|                     | -819 Jan 24 j 03:33                        | 0°る                                   | 27007142         | inferior conj             | -819 Dec 16 j 06:24       | 17° <b>₹</b> 20'26                  | 2°59'23             |
| morning max el      | -819 Jan 27 j 01:17                        | 2°る42'14                              | 2/0/43           | minimum elong             | -819 Dec 16 j 03:32       | 17° 🗷 29'41                         | 2°58'37             |
| desc. node          | -819 Jan 28 j 12:05                        | 4° <b>る</b> 11'55                     |                  | min. Earth dist.          | -819 Dec 17 j 13:05       | 15° <b>∡</b> ′41'43                 | 0.66113 AU          |
|                     | -819 Feb 16 j 14:22                        | 0° <b>≈</b>                           |                  | morning rise              | -819 Dec 21 j 14:33       | 11° <b>∡</b> °09′08                 |                     |
| morning set         | -819 Mar 03 j 14:41                        | 26° <b>≈</b> 25'48                    |                  | direct                    | -819 Dec 27 j 21:38       | 8° <b>≯</b> 22'39                   |                     |
|                     | -819 Mar 05 j 10:27                        | 0° <b>∀</b>                           |                  | morning max el            | -818 Jan 09 j 10:41       | 15° <b>∡</b> ¹47'19                 | 26°06'16            |
| max. Earth dist.    | -819 Mar 08 j 05:38                        | 5° <b>∺</b> 37'33                     | 1.34018 AU       | desc. node                | -818 Jan 15 j 09:09       | 22° <b>≯</b> ¹26′01                 |                     |
|                     |  |                                       |                  |                           | -818 Jan 21 j 05:11       | 0° <b>ප</b>                         |                     |
| superior conj       | -819 Mar 11 j 20:07                        | 13° <b>米</b> 05′25                    | -0°54'24         |                           | -818 Feb 09 j 10:30       | 0° <b>≈</b>                         |                     |
| minimum elong       | -819 Mar 11 j 22:40                        | 13° <b>∺</b> 18'47                    | 0°53'55          | morning set               | -818 Feb 14 j 15:38       | 9° <b>≈</b> 24'05                   |                     |
| asc. node           | -819 Mar 17 j 06:08                        | 24° <b>)</b> 33′27                    |                  | max. Earth dist.          | -818 Feb 18 j 14:53       | 16° <b>≈</b> 56′22                  | 1.35428 AU          |
| evening rise        | -819 Mar 19 j 04:58                        | 28° <b>∺</b> 39'36                    |                  |                           |                           |                                     |                     |
|                     | -819 Mar 19 j 20:25                        | <b>0°Ƴ</b>                            |                  | superior conj             | -818 Feb 23 j 16:45       | 27° <b>≈</b> 02'16                  | -1°19'11            |
|                     | -819 Apr 07 j 01:42                        | 0° <b>႘</b>                           |                  | minimum elong             | -818 Feb 23 j 20:13       | 27°≈19'52                           | 1°18'39             |
| evening max el      | -819 Apr 08 j 17:11                        | 1° <b>8</b> 40'53                     | 21°46'18         |                           | -818 Feb 25 j 03:35       | 0° <b>∀</b>                         |                     |
| retrograde          | -819 Apr 21 j 03:41                        | 7° <b>8</b> 44'40                     |                  | evening rise              | -818 Mar 03 j 12:17       | 13° <b>)</b> €07'54                 |                     |
| evening set         | -819 Apr 23 j 17:16                        | 7° <b>8</b> 29'53                     |                  | asc. node                 | -818 Mar 04 j 03:11       | 14° <b>)(</b> 24'01                 |                     |
| desc. node          | -819 Apr 26 j 11:13                        | 6° <b>8</b> 43'51                     |                  |                           | -818 Mar 12 j 08:21       | $0^{\circ}\mathbf{\Upsilon}$        |                     |
| inferior conj       | -819 May 03 j 03:05                        | 3° <b>8</b> 26'22                     | -1°51'54         | evening max el            | -818 Mar 21 j 22:03       | 12° <b>Y</b> 52'51                  | 20°24'50            |
| minimum elong       | -819 May 02 j 22:00                        | 3° <b>8</b> 33'31                     |                  | retrograde                | -818 Apr 01 j 17:11       | 18° <b>Ƴ</b> 03'26                  |                     |
| min. Earth dist.    | -819 May 02 j 21:23                        |                                       | 0.55062 AU       | evening set               | -818 Apr 03 j 20:56       | 17° <b>Ƴ</b> 51'55                  |                     |
|                     | -819 May 10 j 06:18                        | 30° <b>₹</b> Υ                        |                  | inferior conj             | -818 Apr 12 j 22:38       | 13° <b>Y</b> 54'14                  | 0°06'51             |
| morning rise        | -819 May 12 j 03:44                        | 29° <b>Y</b> 28'55                    |                  | minimum elong             | -818 Apr 12 j 22:57       | 13° <b>Y</b> 53'46                  | 0°06'45             |
| direct              | -819 May 15 j 02:13                        | 29° <b>Ƴ</b> 09'51                    |                  | transit middle            | -818 Apr 12 j 22:57       | 13° <b>Y</b> 53'46                  | 0°06'45             |
|                     | -819 May 19 j 17:42                        | 0°8                                   |                  | transit begin             | -818 Apr 12 j 19:17       | 13° <b>Y</b> 59'08                  |                     |
| morning max el      | -819 May 27 j 07:06                        | 4° <b>8</b> 55'01                     | 21°45'44         | transit end               | -818 Apr 13 j 02:36       | 13° <b>Y</b> 48′25                  |                     |
| asc. node           | -819 Jun 13 j 05:23                        | 0° <b>Ⅱ</b> 04'59                     |                  | desc. node                | -818 Apr 13 j 08:16       | 13° <b>Y</b> 40′07                  |                     |
| use. Houe           | -819 Jun 13 j 04:22                        | 0°П                                   |                  | min. Earth dist.          | -818 Apr 14 j 11:14       | 13° <b>Υ</b> 00'44                  | 0.55256 AU          |
| morning set         | -819 Jun 17 j 00:57                        | 7° <b>Ⅱ</b> 48'13                     |                  | morning rise              | -818 Apr 21 j 23:27       | 9° <b>Υ</b> 36'26                   | 0.00200110          |
| morning sec         | 019 Juli 17 j 00.57                        | , 1013                                |                  | direct                    | -818 Apr 25 j 14:38       | 9° <b>Υ</b> 07'42                   |                     |
| superior conj       | -819 Jun 24 j 08:36                        | 23° <b>Ⅱ</b> 11'30                    | 1°34'09          | morning max el            | -818 May 09 j 02:03       | 15° <b>Υ</b> 43'21                  | 23°24'03            |
| minimum elong       | -819 Jun 24 j 06:19                        | 22° <b>I</b> I59'34                   | 1°33'57          | morning max ci            | -818 May 20 j 07:57       | 0° <b>と</b>                         | 23 24 03            |
| minimum clong       | -819 Jun 27 j 15:45                        | 0°95                                  | 1 33 37          | asc. node                 | -818 May 31 j 02:26       | 19° <b>8</b> 49'02                  |                     |
| max. Earth dist.    | -819 Jun 27 j 23:22                        | 0°938'42                              | 1.34843 AU       | morning set               | -818 Jun 01 j 12:18       | 22° <b>8</b> 45'09                  |                     |
|                     | -  |                                       | 1.34643 AU       | morning set               | -                         |                                     |                     |
| evening rise        | -819 Jul 02 j 12:43                        | 9° <b>©</b> 39'07                     |                  |                           | -818 Jun 04 j 22:02       | $\Pi$ °0                            |                     |
| JJ.                 | -819 Jul 13 j 22:55                        | 0°Ω                                   |                  |                           | 010 1 00:14.27            | 70T 5 (127                          | 1010150             |
| desc. node          | -819 Jul 23 j 10:34                        | 14° <b>Ω</b> 30′22                    |                  | superior conj             | -818 Jun 08 j 14:37       | 7° <b>II</b> 56'27                  | 1°18'59             |
|                     | -819 Aug 04 j 22:08                        | 0° mp                                 | 26052126         | minimum elong             | -818 Jun 08 j 12:05       | 7° <b>II</b> 42'53                  | 1°18'38             |
| evening max el      | -819 Aug 06 j 16:10                        | 1° Mp 45'09                           | 26°53'26         | max. Earth dist.          | -818 Jun 10 j 22:42       | 12° <b>∏</b> 54'56                  | 1.33675 AU          |
| retrograde          | -819 Aug 19 j 19:16                        | 9° Mp 03'08                           |                  | evening rise              | -818 Jun 16 j 04:23       | 23° <b>Ⅱ</b> 41'01                  |                     |
| evening set         | -819 Aug 26 j 13:59                        | 6° Mp 17'19                           | 0.65564 ***      |                           | -818 Jun 19 j 10:07       | 0° <b>©</b>                         |                     |
| min. Earth dist.    | -819 Aug 30 j 12:14                        | 2° m 19'34                            | 0.65564 AU       |                           | -818 Jul 07 j 13:37       | 0°N                                 |                     |
| inferior conj       | -819 Sep 01 j 08:45                        | 0° Mp 09'41                           |                  | desc. node                | -818 Jul 10 j 07:34       | 3° <b>Ω</b> 44'17                   | 25055               |
| minimum elong       | -819 Sep 01 j 12:26                        | 29° <b>Ω</b> 58'55                    | 2°30'18          | evening max el            | -818 Jul 20 j 03:33       | 15° <b>Ω</b> 02'19                  | 27°22'08            |
|                     | -819 Sep 01 j 12:04                        | 30°R€                                 |                  | retrograde                | -818 Aug 02 j 16:44       | 22° <b>Ω</b> 22'42                  |                     |
| morning rise        | -819 Sep 07 j 11:26                        | 24° <b>Ω</b> 29'37                    |                  | evening set               | -818 Aug 09 j 19:45       | 19° <b>Ω</b> 39'13                  |                     |
| asc. node           | -819 Sep 09 j 04:35                        | 23° <b>Ω</b> 51'46                    |                  | min. Earth dist.          | -818 Aug 13 j 12:07       | 16° <b>Ω</b> 16'47                  |                     |
| direct              | -819 Sep 10 j 08:04                        | 23° <b>Ω</b> 44'31                    |                  | inferior conj             | -818 Aug 15 j 21:50       | 13° <b>Ω</b> 43'31                  | -3°22'01            |
|                     |  |                                       |                  |                           |                           |                                     |                     |

| Attention astronom  |   | ha waar 000 in  | actronomical com  | nting style is the year   | 001 DCE in historical acu   | inting etylo   |  |
|---|---|---|---|---|---|--|--|
| minimum elong   | -818 Aug 16 j 02:19   | ne year -900 in<br>13° <b>Ω</b> 31'34   |   | inferior conj   | 901 BCE in historical cou<br>-817 Jul 30 j 00:17  | 27°©01'12  | 4004120  |
| morning rise  | -818 Aug 22 j 09:44   | 8° <b>Ω</b> 19'12   | 3 20 44   | minimum elong   | -817 Jul 30 j 04:36   | 26°950'56  |  |
| direct  | -818 Aug 25 j 01:07   | 7° <b>Ω</b> 43'43   |   | morning rise  | -817 Aug 05 j 22:32   | 20 \$30 30<br>21°\$56'04   | 4 03 40  |
| asc. node   | -818 Aug 27 j 01:38   | 8° <b>Ω</b> 04'42   |   | direct  | -817 Aug 03 j 22.32   | 21°930'04<br>21°927'23   |  |
| morning max el  | -818 Aug 31 j 13:37   | 11°Ω10'42   | 17050/01  | asc. node   | -817 Aug 13 j 22:41   | 21 <b>3</b> 27 23 23° <b>5</b> 45'09   |  |
| morning max er  | -818 Sep 13 j 09:14   | 0° Mp   | 17 3901   | morning max el  | -817 Aug 15 j 04:45   | 23 \$343 09<br>24°\$52'58  | 17°54'15   |
| morning set   | -818 Sep 17 j 20:21   | 7° Mp 36'34   |   | morning max ci  | -817 Aug 19 j 09:51   | 0°Ω  | 17 3413  |
| morning set   | -616 Sep 1/ J 20.21   | / II/3034   |   | morning set   | -817 Aug 31 j 09:39   | 20° <b>Ω</b> 11'54   |  |
| superior conj   | -818 Sep 30 j 20:59   | 29° m 22'06   | 0°35'07   | morning set   | -817 Sep 05 j 21:50   | 0° m)  |  |
| minimum elong   | -818 Oct 01 j 00:46   |   | 0°34'36   |   | -017 Sep 05 j 21.50   | Ų ii   |  |
| minimum ciong   | -818 Oct 01 j 06:19   | 0° <b>∵</b>   | 0 34 30   | superior conj   | -817 Sep 11 j 13:39   | 9° <b>m</b> 47'55  | 1°11'42  |
| max. Earth dist.  | -818 Oct 06 j 00:42   | 0 <b>=</b><br>7° <b>£</b> 39'15   | 1.44357 AU  | minimum elong   | -817 Sep 11 j 18:47   | 10° Mp 09'44   | 1°11'07  |
| desc. node  | -818 Oct 06 j 06:57   | 7 <b>=</b> 3913<br>8° <b>⊆</b> 04'07  | 1.44337 AU  | max. Earth dist.  | -817 Sep 11 j 18:47   | 21° Mp 32'25   | 1.43112 AU   |
| evening rise  | -818 Oct 17 j 03:05   | 8 <b>=</b> 0407<br>25° <b>⊆</b> 00'48   |   | desc. node  | -817 Sep 23 j 03:56   | 21 m/32 23<br>28° m/49'43  | 1.43112 AO   |
| evening rise  | -818 Oct 20 j 08:59   | 0°M   |   | desc. Hode  | -817 Sep 23 j 03:30   | ე° <b>ი</b>  |  |
|   | -818 Nov 10 j 02:05   | 0° <b>⊼</b>   |   | evening rise  | -817 Sep 26 j 10:08   | 0 <b>==</b><br>3° <b>⊆</b> 57'11   |  |
| evening max el  | -818 Nov 13 j 07:49   | 3° <b>∡</b> 741'19  | 20°18'49  | evening rise  | -817 Oct 13 j 19:56   | 0° <b>M</b>  |  |
| retrograde  | -818 Nov 21 j 04:47   | 8° 🖈 19'15  | 20 10 49  | evening max el  | -817 Oct 13 j 19:56   | 17° <b>M</b> 09'08   | 21°28'25   |
| asc. node   | -818 Nov 23 j 00:52   | 7° <b>×</b> 1913  |   | retrograde  | -817 Nov 05 j 01:42   | 22°M23'44  | 21 26 23   |
| evening set   | -818 Nov 24 j 22:27   | 6° <b>×</b> <sup>7</sup> 58'19  |   | evening set   | -817 Nov 09 j 06:07   | 20°M46'15  |  |
| inferior conj   | -818 Nov 30 j 09:00   | 0° <b>₹</b> 52'48   | 2°19'55   | asc. node   | -817 Nov 09 j 00.07   | 20°M12'54  |  |
| •   | -818 Nov 30 j 06:20   | 1°×701'47   |   |   | -817 Nov 09 j 21:33   | 14°M31'42  | 1°34'01  |
| minimum elong<br>min. Earth dist.   | -818 Dec 01 j 02:44   |   | 0.66960 AU  | inferior conj<br>minimum elong  | -817 Nov 14 j 14:43   |  | 1°33'14  |
| IIIII. Eartii dist.   | ,   | 29 11633 02<br>30°RM  | 0.00900 AU  | min. Earth dist.  | -817 Nov 14 j 12.43   | 14 1163830<br>14°ML10'17   | 0.67451 AU   |
| marning rise  | -818 Dec 01 j 00:40   | 24°M39'28   |   |   |   | 8°M18'19   | 0.07431 AU   |
| morning rise<br>direct  | -818 Dec 05 j 14:02   |   |   | morning rise  | -817 Nov 19 j 19:10   |  |  |
|   | -818 Dec 11 j 06:49   | 22°M08'34   | 24947105  | direct  | -817 Nov 24 j 20:37   | 6°M08'28   | 22920100   |
| morning max el  | -818 Dec 22 j 19:06   | 29°M00'00   | 24°47'05  | morning max el  | -817 Dec 05 j 04:10   | 12°M16'45<br>0°⊀   | 23°20'00   |
| JJ.   | -818 Dec 23 j 18:24   | 0°⊀ <sup>7</sup>  |   | 44-   | -817 Dec 19 j 08:21   |  |  |
| desc. node  | -817 Jan 02 j 06:13   | 11° <b>渘</b> 29'14<br>0°る   |   | desc. node  | -817 Dec 20 j 03:14   | 1°≯06'43<br>0°る  |  |
| marning gat   | -817 Jan 15 j 00:42   | 0°る<br>21° <b>る</b> 22'45   |   | marning aat   | -816 Jan 07 j 21:25<br>-816 Jan 09 j 03:12  | 0°る<br>2°る04'22  |  |
| morning set<br>max. Earth dist.   | -817 Jan 27 j 21:56<br>-817 Jan 31 j 13:54  |   | 1.37257 AU  | morning set<br>max. Earth dist.   | -816 Jan 13 j 09:20   |  | 1.39342 AU   |
| max. Earth dist.  | -817 Feb 01 j 16:04   | 27 <b>⊙</b> 3913  | 1.37237 AU  | max. Earm dist.   | -810 Jan 13 J 09.20   | 9 02039  | 1.39342 AU   |
|   | -817 FC0 01 j 10.04   | 0 ~   |   | superior conj   | -816 Jan 20 j 23:33   | 23° <b>පි</b> 00'56  | 1°55'20  |
|   |   |   |   | Superior conj   | -010 Jan 20   23.33   | 23 000 30  | -1 33 29   |
|   | 917 Feb 07 i 03:19  | 1000024147  | 1940'27   |   | -   | 230天1253   | 1055122  |
| superior conj   | -817 Feb 07 j 03:18   | 10°≈24'47   |   | minimum elong   | -816 Jan 21 j 02:08   | 23° <b>ප</b> 12'53   | 1°55'22  |
| minimum elong   | -817 Feb 07 j 06:58   | 10° <b>≈</b> 42'42  |   | minimum elong   | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36  | 0° <b>≈</b>  | 1°55'22  |
| 1 3   | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14  | 10°≈42'42<br>27°≈14'34  |   | minimum elong   | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03   | 0° <b>≈</b><br>10° <b>≈</b> 51'31  | 1°55'22  |
| minimum elong<br>evening rise   | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31   | 10°≈42'42<br>27°≈14'34<br>0°¥   |   | minimum elong   | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15  | 0°≈<br>10°≈51'31<br>23°≈08'42  | 1°55'22  |
| minimum elong<br>evening rise<br>asc. node  | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13  | 10°≈42'42<br>27°≈14'34<br>0° <del>X</del><br>3°¥58'02   | 1°40'04   | minimum elong evening rise asc. node  | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16   | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0°¥   |  |
| minimum elong<br>evening rise<br>asc. node<br>evening max el  | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01   | 10°≈42'42<br>27°≈14'34<br>0° <del>H</del><br>3° <del>H</del> 58'02<br>24° <del>H</del> 42'38  |   | minimum elong evening rise asc. node evening max el   | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23  | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0° <del>X</del><br>7° <del>X</del> 06'08  | 1°55'22<br>18°36'48  |
| minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde  | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01<br>-817 Mar 13 j 16:41  | 10°≈42'42<br>27°≈14'34<br>0° ₭<br>3° ₭58'02<br>24° ₭42'38<br>29° ₭04'44   | 1°40'04   | minimum elong evening rise asc. node evening max el retrograde  | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23<br>-816 Feb 23 j 10:25   | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0°¥<br>7°¥06'08<br>10°¥54'12  |  |
| minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set   | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01<br>-817 Mar 13 j 16:41<br>-817 Mar 15 j 21:59   | 10°≈42'42<br>27°≈14'34<br>0°¥<br>3°¥58'02<br>24°¥42'38<br>29°¥04'44<br>28°¥50'19  | 1°40'04<br>19°20'57   | minimum elong evening rise asc. node evening max el retrograde evening set  | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20  | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0°₩<br>7°₩06'08<br>10°₩54'12<br>10°₩33'37   | 18°36'48   |
| minimum elong<br>evening rise  asc. node evening max el retrograde evening set inferior conj  | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01<br>-817 Mar 13 j 16:41<br>-817 Mar 15 j 21:59<br>-817 Mar 24 j 06:26  | 10°≈42'42<br>27°≈14'34<br>0° ★<br>3° ★58'02<br>24° ₩42'38<br>29° ₩04'44<br>28° ₩50'19<br>24° ₩42'19   | 1°40'04<br>19°20'57<br>1°52'41  | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj  | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 10:10   | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0°₩<br>7°₩06'08<br>10°₩54'12<br>10°₩33'37<br>6°₩06'56   | 18°36'48<br>3°05'16  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong   | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01<br>-817 Mar 13 j 16:41<br>-817 Mar 15 j 21:59<br>-817 Mar 24 j 06:26<br>-817 Mar 24 j 10:30   | 10°≈42'42<br>27°≈14'34<br>0° ₩<br>3° ₩ 58'02<br>24° ₩ 42'38<br>29° ₩ 04'44<br>28° ₩ 50'19<br>24° ₩ 42'19<br>24° ₩ 35'34   | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26   | evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong   | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 10:10<br>-816 Mar 04 j 14:16  | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0°₩<br>7°₩06'08<br>10°₩54'12<br>10°₩33'37<br>6°₩06'56<br>5°₩59'00   | 18°36'48<br>3°05'16<br>3°04'24   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01<br>-817 Mar 13 j 16:41<br>-817 Mar 15 j 21:59<br>-817 Mar 24 j 06:26<br>-817 Mar 24 j 10:30<br>-817 Mar 27 j 02:04  | 10°≈42'42<br>27°≈14'34<br>0° ₩<br>3° ₩58'02<br>24° ₩42'38<br>29° ₩04'44<br>28° ₩50'19<br>24° ₩42'19<br>24° ₩35'34<br>22° ₩51'19   | 1°40'04<br>19°20'57<br>1°52'41  | evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 10:10<br>-816 Mar 07 j 19:26  | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0° ₩<br>7° ₩06'08<br>10° ₩54'12<br>10° ₩33'37<br>6° ₩06'56<br>5° ₩59'00<br>3° ₩31'33  | 18°36'48<br>3°05'16  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node   | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01<br>-817 Mar 13 j 16:41<br>-817 Mar 15 j 21:59<br>-817 Mar 24 j 06:26<br>-817 Mar 24 j 10:30<br>-817 Mar 27 j 02:04<br>-817 Mar 31 j 05:18   | 10°≈42'42<br>27°≈14'34<br>0° ₩<br>3° ₩58'02<br>24° ₩42'38<br>29° ₩04'44<br>28° ₩50'19<br>24° ₩42'19<br>24° ₩35'34<br>22° ₩51'19<br>20° ₩32'38   | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26   | evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong   | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 10:10<br>-816 Mar 07 j 19:26<br>-816 Mar 12 j 05:32   | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0° ₩<br>7° ₩06'08<br>10° ₩54'12<br>10° ₩33'37<br>6° ₩06'56<br>5° ₩59'00<br>3° ₩31'33<br>0° ₩47'22   | 18°36'48<br>3°05'16<br>3°04'24   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise  | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01<br>-817 Mar 13 j 16:41<br>-817 Mar 15 j 21:59<br>-817 Mar 24 j 06:26<br>-817 Mar 27 j 02:04<br>-817 Mar 31 j 05:18<br>-817 Apr 01 j 20:16   | 10°≈42'42<br>27°≈14'34<br>0° ₩<br>3° ₩ 58'02<br>24° ₩ 42'38<br>29° ₩ 04'44<br>28° ₩ 50'19<br>24° ₩ 42'19<br>24° ₩ 35'34<br>22° ₩ 51'19<br>20° ₩ 32'38<br>19° ₩ 53'09  | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 14:16<br>-816 Mar 07 j 19:26<br>-816 Mar 12 j 05:32<br>-816 Mar 14 j 04:35  | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0° ₩<br>7° ₩06'08<br>10° ₩54'12<br>10° ₩33'37<br>6° ₩06'56<br>5° ₩59'00<br>3° ₩31'33<br>0° ₩47'22<br>30° №  | 18°36'48<br>3°05'16<br>3°04'24   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct   | -817 Feb 07 j 06:58<br>-817 Feb 15 j 14:14<br>-817 Feb 16 j 23:31<br>-817 Feb 19 j 00:13<br>-817 Mar 04 j 14:01<br>-817 Mar 13 j 16:41<br>-817 Mar 15 j 21:59<br>-817 Mar 24 j 06:26<br>-817 Mar 24 j 10:30<br>-817 Mar 27 j 02:04<br>-817 Mar 31 j 05:18<br>-817 Apr 01 j 20:16<br>-817 Apr 06 j 13:23   | 10°≈42'42<br>27°≈14'34<br>0° ₩<br>3° ₩ 58'02<br>24° ₩ 42'38<br>29° ₩ 04'44<br>28° ₩ 50'19<br>24° ₩ 42'19<br>24° ₩ 35'34<br>22° ₩ 51'19<br>20° ₩ 32'38<br>19° ₩ 53'09<br>19° ₩ 02'20   | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node   | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 10:10<br>-816 Mar 07 j 19:26<br>-816 Mar 12 j 05:32<br>-816 Mar 14 j 04:35<br>-816 Mar 17 j 02:22  | 0°≈<br>10°≈51'31<br>23°≈08'42<br>0° ₩<br>7° ₩06'08<br>10° ₩54'12<br>10° ₩33'37<br>6° ₩06'56<br>5° ₩59'00<br>3° ₩31'33<br>0° ₩47'22<br>30° R≈<br>29°≈24'31  | 18°36'48<br>3°05'16<br>3°04'24   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise  | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47   | 10°≈42'42<br>27°≈14'34<br>0° ₩<br>3° ₩ 58'02<br>24° ₩ 42'38<br>29° ₩ 04'44<br>28° ₩ 50'19<br>24° ₩ 42'19<br>24° ₩ 35'34<br>22° ₩ 51'19<br>20° ₩ 32'38<br>19° ₩ 53'09<br>19° ₩ 02'20<br>26° ₩ 14'23  | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 10:10<br>-816 Mar 04 j 14:16<br>-816 Mar 07 j 19:26<br>-816 Mar 12 j 05:32<br>-816 Mar 14 j 04:35<br>-816 Mar 17 j 02:22<br>-816 Mar 18 j 01:22  | 0°≈ 10°≈51'31 23°≈08'42 0° ℋ 7° ℋ06'08 10° ℋ54'12 10° ℋ33'37 6° ℋ06'56 5° ℋ59'00 3° ℋ31'33 0° ℋ47'22 30° №≈ 29°≈24'31 29°≈22'12  | 18°36'48<br>3°05'16<br>3°04'24   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct   | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ♥  | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct  | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 15 j 15:23<br>-816 Feb 23 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 10:10<br>-816 Mar 07 j 19:26<br>-816 Mar 12 j 05:32<br>-816 Mar 14 j 04:35<br>-816 Mar 17 j 02:22<br>-816 Mar 18 j 01:22<br>-816 Mar 21 j 23:32   | 0°≈ 10°≈51'31 23°≈08'42 0° ℋ 7° ℋ06'08 10° ℋ54'12 10° ℋ33'37 6° ℋ06'56 5° ℋ59'00 3° ℋ31'33 0° ℋ47'22 30° №≈ 29°≈24'31 29°≈22'12 0° ℋ   | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ❤ 0° ♉   | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node   | -816 Jan 21 j 02:08<br>-816 Jan 24 j 16:36<br>-816 Jan 30 j 08:03<br>-816 Feb 05 j 21:15<br>-816 Feb 10 j 00:16<br>-816 Feb 25 j 10:25<br>-816 Feb 25 j 20:20<br>-816 Mar 04 j 10:10<br>-816 Mar 04 j 14:16<br>-816 Mar 07 j 19:26<br>-816 Mar 12 j 05:32<br>-816 Mar 17 j 02:22<br>-816 Mar 18 j 01:22<br>-816 Mar 21 j 23:32<br>-816 Apr 01 j 09:28   | 0°≈ 10°≈51'31 23°≈08'42 0° ℋ 7° ℋ06'08 10° ℋ54'12 10° ℋ33'37 6° ℋ06'56 5° ℋ59'00 3° ℋ31'33 0° ℋ47'22 30° № 29°≈24'31 29°≈22'12 0° ℋ 6° ℋ56'06  | 18°36'48<br>3°05'16<br>3°04'24   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34 -817 May 17 j 00:20   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 0° ₩ 7° ₩ 44'52  | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el   | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Mar 21 j 23:32 -816 Apr 01 j 09:28 -816 Apr 18 j 12:49   | 0°≈ 10°≈51'31 23°≈08'42 0° ₩ 7° ₩ 06'08 10° ₩ 54'12 10° ₩ 33'37 6° ₩ 06'56 5° ₩ 59'00 3° ₩ 31'33 0° ₩ 47'22 30° № 29°≈24'31 29°≈22'12 0° ₩ 6° ₩ 56'06 0° Ψ   | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU   |
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| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node   | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34 -817 May 17 j 00:20 -817 May 17 j 23:29   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 0° ੴ 7° ₺ 44'52 9° ₺ 47'27   | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU<br>25°03'16                       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el   | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 23 j 10:25 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 14 j 04:35 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Apr 01 j 09:28 -816 Apr 18 j 12:49 -816 Apr 30 j 11:20 -816 May 03 j 20:33   | 0°≈ 10°≈51'31 23°≈08'42 0° H 7° H06'08 10° H54'12 10° H33'37 6° H06'56 5° H59'00 3° H31'33 0° H47'22 30° R≈ 29°≈24'31 29°≈22'12 0° H 6° H56'06 0° Y 22° Y40'49 29° Y54'25  | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node   | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34 -817 May 17 j 00:20 -817 May 17 j 23:29   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 0° ੴ 7° ₺ 44'52 9° ₺ 47'27   | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU<br>25°03'16                       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set   | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 23 j 10:25 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 14 j 04:35 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Mar 21 j 23:32 -816 Apr 01 j 09:28 -816 Apr 18 j 12:49 -816 Apr 30 j 11:20   | 0°≈ 10°≈51'31 23°≈08'42 0° H 7° H06'08 10° H54'12 10° H33'37 6° H06'56 5° H59'00 3° H31'33 0° H47'22 30° R≈ 29°≈24'31 29°≈22'12 0° H 6° H56'06 0° Ψ 22° Ψ40'49   | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node superior conj minimum elong   | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 20 j 16:47 -817 May 13 j 05:34 -817 May 17 j 00:20 -817 May 17 j 23:29 -817 May 24 j 00:22 -817 May 24 j 00:22 -817 May 23 j 22:06   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 0° ੴ 7° ₺ 44'52 9° ₺ 47'27 22° ₺ 52'17 22° ₺ 52'17   | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU<br>25°03'16<br>0°59'51<br>0°59'27 | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node   | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 14 j 04:35 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Apr 01 j 09:28 -816 Apr 18 j 12:49 -816 Apr 30 j 11:20 -816 May 03 j 20:33 -816 May 03 j 21:34   | 0°≈ 10°≈51'31 23°≈08'42 0°   | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU<br>26°28'17                                     |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node   | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34 -817 May 17 j 00:20 -817 May 17 j 23:29 -817 May 24 j 00:22 -817 May 23 j 22:06 -817 May 25 j 06:07   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 7° ੴ 44'52 9° ੴ 47'27  22° ੴ 52'17 22° ੴ 33'59   | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU<br>25°03'16                       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node   | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 14 j 04:35 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Apr 01 j 09:28 -816 Apr 30 j 11:20 -816 May 03 j 20:33 -816 May 03 j 21:34 -816 May 07 j 11:53   | 0°≈ 10°≈51'31 23°≈08'42 0°   | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU<br>26°28'17                                     |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.                                       | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 10:30 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34 -817 May 17 j 00:20 -817 May 27 j 00:22 -817 May 23 j 22:06 -817 May 25 j 06:07 -817 May 27 j 07:30   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 0° ₩ 7° ₺ 44'52 9° ₺ 47'27 22° ₺ 52'17 22° ₺ 33'59 0° Ⅲ  | 1°40'04<br>19°20'57<br>1°52'41<br>1°51'26<br>0.56355 AU<br>25°03'16<br>0°59'51<br>0°59'27 | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node   | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 14 j 04:35 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Apr 01 j 09:28 -816 Apr 01 j 09:28 -816 Apr 30 j 11:20 -816 May 03 j 20:33 -816 May 07 j 11:53 -816 May 07 j 11:53 -816 May 07 j 10:18   | 0°≈ 10°≈51'31 23°≈08'42 0°   | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU<br>26°28'17<br>0°37'38<br>0°37'19               |
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| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node evening max el | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 06:26 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34 -817 May 17 j 00:20 -817 May 17 j 00:20 -817 May 25 j 06:07 -817 May 27 j 07:30 -817 May 31 j 04:54 -817 Jun 11 j 20:32 -817 Jun 27 j 04:34 -817 Jul 02 j 12:22 -817 Jul 04 j 21:54 -817 Jul 16 j 07:41   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 0° ৳ 7° ₺ 44'52 9° ₺ 47'27  22° ₺ 52'17 22° ₺ 39'57 25° ₺ 33'59 0° Ⅲ 8° Ⅲ 09'33 0° © 22° © 09'42 27° © 51'41 0° № 5° № 10'16 | 1°40'04  19°20'57  1°52'41 1°51'26 0.56355 AU  25°03'16  0°59'51 0°59'27 1.32891 AU       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  desc. node direct morning max el morning set asc. node  superior conj minimum elong max. Earth dist. evening rise | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 14 j 04:35 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Mar 21 j 23:32 -816 Apr 01 j 09:28 -816 Apr 18 j 12:49 -816 Apr 30 j 11:20 -816 May 03 j 20:33 -816 May 07 j 11:53 -816 May 07 j 10:18 -816 May 07 j 10:18 -816 May 14 j 11:20 -816 May 17 j 22:51 -816 Jun 04 j 23:10 -816 Jun 13 j 01:35 -816 Jun 13 j 01:35 -816 Jun 13 j 15:52 | 0°≈ 10°≈51'31 23°≈08'42 0° H 7° H06'08 10° H54'12 10° H33'37 6° H06'56 5° H59'00 3° H31'33 0° H47'22 30° R≈ 29°≈22'12 0° H 6° H56'06 0° Y 22° Y40'49 29° Y54'25 0° B 7° B51'48 7° B43'07 8° B26'07 22° B54'30 0° II 0° 99 9° 926'18 10° 900'52   | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU<br>26°28'17<br>0°37'38<br>0°37'19               |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node                | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 06:26 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34 -817 May 17 j 00:20 -817 May 17 j 23:29 -817 May 24 j 00:22 -817 May 25 j 06:07 -817 May 27 j 07:30 -817 May 31 j 04:54 -817 Jun 11 j 20:32 -817 Jun 27 j 04:34 -817 Jul 02 j 12:22 -817 Jul 04 j 21:54 -817 Jul 16 j 07:41 -817 Jul 23 j 11:55 | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 53'09 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 0° ੴ 7° ੴ 44'52 9° ੴ 47'27  22° ੴ 52'17 22° ੴ 33'59 0° Ⅲ 8° Ⅲ 09'33 0° © 22° © 09'42 27° © 51'41 0° ℳ 5° ℳ 10'16 2° ℳ 41'54              | 1°40'04  19°20'57  1°52'41 1°51'26 0.56355 AU  25°03'16  0°59'51 0°59'27 1.32891 AU       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  desc. node direct morning set asc. node superior conj minimum elong max. Earth dist. evening rise                 | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 12 j 05:32 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Mar 18 j 01:22 -816 Mar 18 j 01:22 -816 Apr 01 j 09:28 -816 Apr 18 j 12:49 -816 Apr 30 j 11:20 -816 May 03 j 20:33 -816 May 07 j 11:53 -816 May 07 j 10:18 -816 May 07 j 10:18 -816 May 17 j 22:51 -816 Jun 04 j 23:10 -816 Jun 13 j 01:35 -816 Jun 13 j 15:52 -816 Jun 27 j 15:18 | 0°≈ 10°≈51'31 23°≈08'42 0° ₩ 7° ₩06'08 10° ₩54'12 10° ₩33'37 6° ₩06'56 5° ₩59'00 3° ₩31'33 0° ₩47'22 30° №≈ 29°≈22'12 0° ₩ 6° ₩56'06 0° Ψ 22° Ψ40'49 29° Ψ54'25 0° ₩ 7° ₩51'48 7° ₩43'07 8° ₩26'07 22° ₩54'30 0° Ⅲ 0° \$\mathfrak{0}{0}\$ 9° \$\mathfrak{0}{0}\$ 10° \$\mathfrak{0}{0}\$ 10° \$\mathfrak{0}{0}\$ 10° \$\mathfrak{0}{0}\$ 10° \$\mathfrak{0}{0}\$ 11° \$\mathfrak{0}{0}\$ 12° \$\mathfrak{0}{0}\$ 13° \$\mathfrak{0}\$ 13° \$\mathfrak{0}{0}\$ 13° \$\mathfrak{0}\$ 13° \$\mathfrak{0} | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU<br>26°28'17<br>0°37'38<br>0°37'19<br>1.32466 AU |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node evening max el | -817 Feb 07 j 06:58 -817 Feb 15 j 14:14 -817 Feb 16 j 23:31 -817 Feb 19 j 00:13 -817 Mar 04 j 14:01 -817 Mar 13 j 16:41 -817 Mar 15 j 21:59 -817 Mar 24 j 06:26 -817 Mar 24 j 06:26 -817 Mar 27 j 02:04 -817 Mar 31 j 05:18 -817 Apr 01 j 20:16 -817 Apr 06 j 13:23 -817 Apr 20 j 16:47 -817 Apr 24 j 06:25 -817 May 13 j 05:34 -817 May 17 j 00:20 -817 May 17 j 00:20 -817 May 25 j 06:07 -817 May 27 j 07:30 -817 May 31 j 04:54 -817 Jun 11 j 20:32 -817 Jun 27 j 04:34 -817 Jul 02 j 12:22 -817 Jul 04 j 21:54 -817 Jul 16 j 07:41   | 10°≈42'42 27°≈14'34 0° ₩ 3° ₩ 58'02 24° ₩ 42'38 29° ₩ 04'44 28° ₩ 50'19 24° ₩ 42'19 24° ₩ 35'34 22° ₩ 51'19 20° ₩ 32'38 19° ₩ 02'20 26° ₩ 14'23 0° ₩ 0° ৳ 7° ₺ 44'52 9° ₺ 47'27  22° ₺ 52'17 22° ₺ 39'57 25° ₺ 33'59 0° Ⅲ 8° Ⅲ 09'33 0° © 22° © 09'42 27° © 51'41 0° № 5° № 10'16 | 1°40'04  19°20'57  1°52'41 1°51'26 0.56355 AU  25°03'16  0°59'51 0°59'27 1.32891 AU       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  desc. node direct morning max el morning set asc. node  superior conj minimum elong max. Earth dist. evening rise | -816 Jan 21 j 02:08 -816 Jan 24 j 16:36 -816 Jan 30 j 08:03 -816 Feb 05 j 21:15 -816 Feb 10 j 00:16 -816 Feb 15 j 15:23 -816 Feb 25 j 20:20 -816 Mar 04 j 10:10 -816 Mar 04 j 14:16 -816 Mar 07 j 19:26 -816 Mar 12 j 05:32 -816 Mar 14 j 04:35 -816 Mar 17 j 02:22 -816 Mar 18 j 01:22 -816 Mar 21 j 23:32 -816 Apr 01 j 09:28 -816 Apr 18 j 12:49 -816 Apr 30 j 11:20 -816 May 03 j 20:33 -816 May 07 j 11:53 -816 May 07 j 10:18 -816 May 07 j 10:18 -816 May 14 j 11:20 -816 May 17 j 22:51 -816 Jun 04 j 23:10 -816 Jun 13 j 01:35 -816 Jun 13 j 01:35 -816 Jun 13 j 15:52 | 0°≈ 10°≈51'31 23°≈08'42 0° H 7° H06'08 10° H54'12 10° H33'37 6° H06'56 5° H59'00 3° H31'33 0° H47'22 30° R≈ 29°≈22'12 0° H 6° H56'06 0° Y 22° Y40'49 29° Y54'25 0° B 7° B51'48 7° B43'07 8° B26'07 22° B54'30 0° II 0° 99 9° 926'18 10° 900'52   | 18°36'48<br>3°05'16<br>3°04'24<br>0.58104 AU<br>26°28'17<br>0°37'38<br>0°37'19<br>1.32466 AU |

| •                | nical year style is used: The |                      | •           | * *              |                     |  | ge 40      |
|------------------|-------------------------------|----------------------|-------------|------------------|---------------------|--|------------|
| inferior conj    | -816 Jul 11 j 12:41           | 9°©54'13             |             | min. Earth dist. | -815 Jun 20 j 00:51 |  | 0.58420 AU |
|                  | -816 Jul 11 j 15:12           | 9°53413              |             |                  | -815 Jun 23 j 07:24 | 24 <b>H</b> 33 48 22° <b>H</b> 12'39     |            |
| minimum elong    | ,                             |                      | 4-33-02     | inferior conj    | ,                   |  |            |
| morning rise     | -816 Jul 18 j 22:07           | 5°©11'02<br>4°©47'12 |             | minimum elong    | -815 Jun 23 j 06:10 | 22° <b>Ⅱ</b> 14'53<br>17° <b>Ⅱ</b> 51'50 | 4-38-20    |
| direct           | -816 Jul 21 j 09:57           |                      | 10000120    | morning rise     | -815 Jul 01 j 04:36 |  |            |
| morning max el   | -816 Jul 28 j 16:57           | 8°920'56             | 18°08'38    | direct           | -815 Jul 03 j 17:08 | 17° <b>I</b> [31'31                      | 10042111   |
| asc. node        | -816 Jul 30 j 19:46           | 10°938'37            |             | morning max el   | -815 Jul 11 j 23:09 | 21° <b>II</b> 25'18                      | 18°43'11   |
| . ,              | -816 Aug 11 j 17:17           | 0° <b>Ω</b>          |             | asc. node        | -815 Jul 17 j 16:50 | 28°∏29'29<br>0° <b>©</b>                 |            |
| morning set      | -816 Aug 13 j 15:14           | 3° <b>£</b> 34'34    |             |                  | -815 Jul 18 j 16:26 |  |            |
|                  | 0164 22:00.56                 | 210 022110           | 102452      | morning set      | -815 Jul 28 j 08:27 | 17° <b>©</b> 31'52                       |            |
| superior conj    | -816 Aug 23 j 08:56           | 21° <b>Ω</b> 33'10   | 1°34'52     |                  | -815 Aug 03 j 18:24 | $0$ ° $\Omega$                           |            |
| minimum elong    | -816 Aug 23 j 12:34           | 21° <b>Ω</b> 49'26   | 1°34'35     |                  | 015 4 06:01 20      | 40 (000)11                               | 1045154    |
| D d C            | -816 Aug 28 j 04:12           | 0° m/y               | 1 41201 411 | superior conj    | -815 Aug 06 j 01:29 | 4° <b>Ω</b> 22'11                        | 1°45'54    |
| max. Earth dist. | -816 Aug 30 j 23:49           | 4° m/48'15           | 1.41381 AU  | minimum elong    | -815 Aug 06 j 02:50 | 4° <b>£</b> 28'35                        |            |
| evening rise     | -816 Sep 05 j 07:18           | 13° Mp 34'17         |             | max. Earth dist. | -815 Aug 13 j 03:21 | 17° <b>Ω</b> 18'38                       | 1.39403 AU |
| desc. node       | -816 Sep 09 j 00:56           | 19° m 31'42          |             | evening rise     | -815 Aug 17 j 04:37 | 24° <b>Ω</b> 19'48                       |            |
|                  | -816 Sep 15 j 20:32           | 0∘ <b>⊽</b>          |             |                  | -815 Aug 20 j 14:05 | 0° m/y                                   |            |
|                  | -816 Oct 08 j 07:46           | 0°M,                 |             | desc. node       | -815 Aug 26 j 21:58 | 10° mp 05'51                             |            |
| evening max el   | -816 Oct 08 j 22:29           | 0°M37'42             | 22°46'09    |                  | -815 Sep 09 j 15:24 | 0° <b>⊽</b>                              |            |
| retrograde       | -816 Oct 18 j 20:31           | 6°M31'15             |             | evening max el   | -815 Sep 21 j 11:14 | 14° <b>Ω</b> 08'56                       | 24°06'26   |
| evening set      | -816 Oct 23 j 13:34           | 4°M35'47             |             | retrograde       | -815 Oct 02 j 11:57 | 20° <b>£</b> 37'56                       |            |
| asc. node        | -816 Oct 26 j 18:58           | 1°M06'59             |             | evening set      | -815 Oct 07 j 19:05 | 18° <b>≙</b> 24'23                       |            |
|                  | -816 Oct 27 j 15:18           | 30° <b>RΩ</b>        |             | min. Earth dist. | -815 Oct 12 j 13:35 | 12° <b>£</b> 52'27                       |            |
| inferior conj    | -816 Oct 28 j 21:43           | 28° <b>≙</b> 15'49   | 0°43'29     | inferior conj    | -815 Oct 13 j 04:14 | 12° <b>≙</b> 02'53                       |            |
| minimum elong    | -816 Oct 28 j 20:43           | 28° <b>≙</b> 19'16   | 0°43'03     | minimum elong    | -815 Oct 13 j 04:28 | 12° <b>≙</b> 02'04                       |            |
| min. Earth dist. | -816 Oct 28 j 17:21           | 28° <b>≏</b> 30'53   | 0.67615 AU  | transit middle   | -815 Oct 13 j 04:28 | 12° <b>≙</b> 02'04                       | 0°10'05    |
| morning rise     | -816 Nov 03 j 03:46           | 22° <b>≙</b> 04'38   |             | transit begin    | -815 Oct 13 j 02:20 | 12° <b>≙</b> 09'18                       |            |
| direct           | -816 Nov 07 j 14:23           | 20° <b>≏</b> 17'18   |             | transit end      | -815 Oct 13 j 06:37 | 11° <b>≏</b> 54'49                       |            |
| morning max el   | -816 Nov 16 j 17:10           | 25° <b>≙</b> 39'59   | 21°54'11    | asc. node        | -815 Oct 13 j 16:02 | 11° <b>≙</b> 23'02                       |            |
|                  | -816 Nov 20 j 14:36           | 0°M₊                 |             | morning rise     | -815 Oct 18 j 13:51 | 5° <b>≏</b> 56'27                        |            |
| desc. node       | -816 Dec 06 j 00:16           | 21°M09'00            |             | direct           | -815 Oct 22 j 11:06 | 4° <b>£</b> 30′27                        |            |
|                  | -816 Dec 11 j 21:12           | 0° <b>∡</b> ¹        |             | morning max el   | -815 Oct 30 j 12:47 | 9° <b>≏</b> 11'51                        | 20°36'40   |
| morning set      | -816 Dec 19 j 03:22           | 11° <b>∡</b> ²21'54  |             |                  | -815 Nov 15 j 05:57 | 0° <b>M</b> ₊                            |            |
| max. Earth dist. | -816 Dec 25 j 08:12           | 21° <b>∡</b> 29′20   | 1.41411 AU  | desc. node       | -815 Nov 22 j 21:18 | 11°ML28'37                               |            |
|                  | -816 Dec 30 j 08:36           | 0°₹                  |             | morning set      | -815 Nov 28 j 04:16 | 19°M37'15                                |            |
|                  |                               |                      |             |                  | -815 Dec 04 j 18:37 | 0° <b>∡</b> ¹                            |            |
| superior conj    | -815 Jan 02 j 00:26           | 4° <b>る</b> 38'17    |             | max. Earth dist. | -815 Dec 07 j 14:03 | 4° <b>≯</b> 30′28                        | 1.43183 AU |
| minimum elong    | -815 Jan 01 j 23:59           | 4° <b>る</b> 36'19    | 2°00'34     |                  |                     | _  |            |
| evening rise     | -815 Jan 12 j 14:26           | 23° <b>る</b> 51'14   |             | superior conj    | -815 Dec 14 j 00:31 | 15° <b>∡</b> 04'20                       |            |
|                  | -815 Jan 15 j 22:29           | 0° <b>≈</b>          |             | minimum elong    | -815 Dec 13 j 19:29 | 14° <b>∡</b> ⁴43′20                      | 1°50'56    |
| asc. node        | -815 Jan 22 j 18:18           | 11° <b>≈</b> 48'38   |             |                  | -815 Dec 22 j 18:10 | 0° <b>ろ</b>                              |            |
| evening max el   | -815 Jan 28 j 23:25           | 19° <b>≈</b> 56'17   | 18°12'48    | evening rise     | -815 Dec 26 j 05:17 | 6° <b>る</b> 04'49                        |            |
| retrograde       | -815 Feb 04 j 22:17           | 23° <b>≈</b> 26′08   |             | asc. node        | -814 Jan 09 j 15:20 | 29° <b>る</b> 48'08                       |            |
| evening set      | -815 Feb 07 j 12:40           | 22° <b>≈</b> 57'37   |             |                  | -814 Jan 09 j 19:00 | 0° <b>≈</b>                              |            |
| inferior conj    | -815 Feb 14 j 10:30           | 18°≈09'59            | 3°43'02     | evening max el   | -814 Jan 12 j 11:07 | 3°≈04'37                                 | 18°08'30   |
| minimum elong    | -815 Feb 14 j 12:31           | 18° <b>≈</b> 05′27   | 3°42'50     | retrograde       | -814 Jan 19 j 00:22 | 6° <b>≈</b> 30'23                        |            |
| min. Earth dist. | -815 Feb 17 j 18:17           | 15° <b>≈</b> 12'27   | 0.60160 AU  | evening set      | -814 Jan 21 j 18:59 | 5°≈52'45                                 |            |
| morning rise     | -815 Feb 21 j 10:26           | 12°≈28'40            |             | inferior conj    | -814 Jan 28 j 04:15 | 0°≈44'23                                 | 3°53'02    |
| direct           | -815 Feb 28 j 01:41           | 10°≈25'13            |             | minimum elong    | -814 Jan 28 j 03:59 | 0°≈45'05                                 | 3°53'01    |
| desc. node       | -815 Mar 03 j 23:27           | 11°≈05′28            |             |                  | -814 Jan 28 j 21:31 | 30°Rる                                    |            |
| morning max el   | -815 Mar 14 j 07:53           | 18°≈11'09            | 27°25'11    | min. Earth dist. | -814 Jan 31 j 01:06 | 27° <b>る</b> 49'15                       | 0.62200 AU |
|                  | -815 Mar 24 j 05:45           | 0° <b>)</b> (        |             | morning rise     | -814 Feb 03 j 11:51 | 24° <b>る</b> 49'40                       |            |
|                  | -815 Apr 11 j 03:07           | 0° <b>Υ</b>          |             | direct           | -814 Feb 10 j 11:49 | 22° <b>る</b> 15'43                       |            |
| morning set      | -815 Apr 14 j 19:35           | 7° <b>Y</b> 26'47    |             | desc. node       | -814 Feb 18 j 20:30 | 25° <b>පි</b> 20'04                      |            |
| asc. node        | -815 Apr 20 j 17:36           | 20° <b>Y</b> 05'34   |             |                  | -814 Feb 24 j 09:32 | 0° <b>≈</b>                              |            |
|                  |                               | 00                   |             | morning max el   | -814 Feb 24 j 12:11 | 0°≈06'32                                 | 27°46'24   |
| superior conj    | -815 Apr 21 j 23:30           | 22° <b>Y</b> 49'09   | 0°13'10     |                  | -814 Mar 18 j 05:29 | 0° <b>∀</b>                              |            |
| minimum elong    | -815 Apr 21 j 22:55           | 22° <b>Y</b> 45'54   | 0°13'02     | morning set      | -814 Mar 29 j 23:01 | 21° <b>)</b> 55'42                       |            |
| behind sun begin | -815 Apr 21 j 20:03           | 22° <b>Υ</b> 30'12   |             |                  | -814 Apr 02 j 20:11 | 0° <b>Υ</b>                              |            |
| behind sun end   | -815 Apr 22 j 01:46           | 23° <b>Y</b> 01'37   | 1.00000     | max. Earth dist. | -814 Apr 04 j 16:43 | 3° <b>Y</b> 58′02                        | 1.32700 AU |
| max. Earth dist. | -815 Apr 21 j 06:56           | 21°Υ18'27            | 1.32398 AU  |                  |                     |  |            |
|                  | -815 Apr 25 j 06:14           | 0° <b>8</b>          |             | superior conj    | -814 Apr 06 j 09:32 | 7° <b>Y</b> 38'37                        |            |
| evening rise     | -815 Apr 28 j 21:22           | 7° <b>8</b> 48'04    |             | minimum elong    | -814 Apr 06 j 10:08 | 7° <b>Y</b> 41'52                        | 0°12'41    |
|                  | -815 May 10 j 12:03           | 0°II                 |             | behind sun begin | -814 Apr 06 j 07:01 | 7° <b>Y</b> 24'58                        |            |
| evening max el   | -815 May 26 j 12:34           |                      | 25°41'11    | behind sun end   | -814 Apr 06 j 13:15 | 7° <b>Y</b> 58'46                        |            |
| desc. node       | -815 May 30 j 22:38           | 25° <b>Ⅱ</b> 05'31   |             | asc. node        | -814 Apr 07 j 14:40 | 10° <b>Y</b> 16'55                       |            |
| retrograde       | -815 Jun 09 j 14:03           | 28° <b>Ⅲ</b> 37′20   |             | evening rise     | -814 Apr 13 j 09:04 | 22° <b>Y</b> 43'33                       |            |
| evening set      | -815 Jun 15 j 10:21           | 27° <b>Ⅱ</b> 15'55   |             |                  | -814 Apr 16 j 21:40 | $9^{\circ}$ 8                            |            |
|                  |                               |                      |             |                  |                     |  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 47 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: Tl | he year -900 in     | astronomical cou | inting style is the year | 901 BCE in historical cou | ınting style.                |             |
|---------------------|------------------------------|---------------------|------------------|--------------------------|---------------------------|------------------------------|-------------|
|                     | -814 May 05 j 23:57          | $\Pi^{\circ}0$      |                  | evening rise             | -813 Mar 28 j 20:30       | 7° <b>Ƴ</b> 33'18            |             |
| evening max el      | -814 May 08 j 04:17          | 2° <b>Ⅱ</b> 13'59   | 24°14'12         |                          | -813 Apr 09 j 19:29       | $8^{\circ}$                  |             |
| desc. node          | -814 May 17 j 19:42          | 8° <b>Ⅲ</b> 32'07   |                  | evening max el           | -813 Apr 19 j 20:11       | 12° <b>8</b> 50'19           | 22°39'07    |
| retrograde          | -814 May 22 j 01:22          | 9° <b>Ⅱ</b> 13'07   |                  | retrograde               | -813 May 02 j 23:31       | 19° <b>8</b> 19'07           |             |
| evening set         | -814 May 26 j 12:42          | 8° <b>Ⅱ</b> 28'30   |                  | desc. node               | -813 May 04 j 16:44       | 19° <b>8</b> 12'34           |             |
| min. Earth dist.    | -814 Jun 01 j 15:43          | 5° <b>Ⅱ</b> 27'39   | 0.56612 AU       | evening set              | -813 May 06 j 02:34       | 18° <b>8</b> 57'41           |             |
| inferior conj       | -814 Jun 04 j 06:09          | 3° <b>Ⅱ</b> 49'37   |                  | min. Earth dist.         | -813 May 14 j 04:41       |                              | 0.55393 AU  |
| minimum elong       | -814 Jun 04 j 00:35          | 3° <b>П</b> 58'25   |                  | inferior conj            | -813 May 15 j 10:25       | 14° <b>8</b> 44'05           |             |
|                     | -814 Jun 11 j 19:26          | 30° <b>₹</b> 8      |                  | minimum elong            | -813 May 15 j 03:35       | 14° <b>8</b> 53'51           |             |
| morning rise        | -814 Jun 12 j 15:22          | 29° <b>8</b> 47'03  |                  | morning rise             | -813 May 24 j 06:42       | 10° <b>8</b> 49'41           | 2 0000      |
| direct              | -814 Jun 15 j 05:37          | 29° <b>8</b> 29'04  |                  | direct                   | -813 May 27 j 00:49       | 10° <b>8</b> 32'04           |             |
| uncet               | -814 Jun 18 j 12:50          | 0°II                |                  | morning max el           | -813 Jun 07 j 06:52       | 15° <b>8</b> 46'21           | 20°54'11    |
| morning max el      | -814 Jun 24 j 20:29          | 3° <b>П</b> 56'47   | 10°38'31         | morning max cr           | -813 Jun 17 j 23:49       | 0° <b>I</b>                  | 20 3411     |
| asc. node           | -814 Jul 04 j 13:54          | 17° <b>I</b> I04'47 | 17 3031          | asc. node                | -813 Jun 21 j 10:56       | 6° <b>Ⅱ</b> 13'06            |             |
| asc. node           | -814 Jul 11 j 10:49          | 0°9                 |                  | morning set              | -813 Jun 26 j 16:41       | 16° <b>Ⅲ</b> 36'08           |             |
| morning set         | -814 Jul 12 j 09:50          | 1°955'06            |                  | morning set              | -813 Jul 03 j 03:37       | 0°9                          |             |
| morning set         | -814 Jul 12 J 09.30          | 1 35500             |                  |                          | -013 Jul 03 J 03.37       | 0 39                         |             |
| superior conj       | -814 Jul 20 j 09:42          | 17° <b>©</b> 59'21  | 1°47'05          | superior conj            | -813 Jul 04 j 04:58       | 2°©10'33                     | 1°40'38     |
| minimum elong       | -814 Jul 20 j 09:07          | 17°956'28           | 1°47'06          | minimum elong            | -813 Jul 04 j 04:38       | 2° <b>©</b> 00'59            | 1°40'31     |
| max. Earth dist.    | -814 Jul 26 j 06:32          |                     | 1.37440 AU       | max. Earth dist.         | -813 Jul 04 j 05:07       |                              | 1.35700 AU  |
| max. Earth dist.    | -814 Jul 26 j 15:51          | 0°Ω                 | 1.37440 AO       | evening rise             | -813 Jul 12 j 20:16       | 11 <b>3</b> 00 18            | 1.55700 AC  |
|                     | ·                            |                     |                  | evening rise             |                           | 0°Ω                          |             |
| evening rise        | -814 Jul 30 j 02:26          | 6° <b>Ω</b> 16′28   |                  |                          | -813 Jul 18 j 19:45       |                              |             |
| , ,                 | -814 Aug 13 j 11:43          | 0° M)               |                  | desc. node               | -813 Jul 31 j 16:02       | 20° <b>Ω</b> 30'03           |             |
| desc. node          | -814 Aug 13 j 19:00          | 0° m 27'32          | 25022100         |                          | -813 Aug 07 j 13:23       | 0° <b>m</b>                  | 0.600.510.4 |
| evening max el      | -814 Sep 03 j 22:44          | 27° <b>m</b> 44'29  | 25°22'09         | evening max el           | -813 Aug 17 j 10:25       | 11° Tp 20'00                 | 26°25'34    |
|                     | -814 Sep 06 j 09:37          | 0∘ <b>⊽</b>         |                  | retrograde               | -813 Aug 30 j 05:05       | 18°₩31'52                    |             |
| retrograde          | -814 Sep 15 j 23:01          | 4° <b>≏</b> 40'06   |                  | evening set              | -813 Sep 05 j 17:00       | 15° <b>m</b> 49'47           |             |
| evening set         | -814 Sep 21 j 20:55          | 2° <b>≏</b> 10'07   |                  | min. Earth dist.         | -813 Sep 09 j 19:30       |                              | 0.66198 AU  |
|                     | -814 Sep 24 j 00:46          | 30° <b>₽, ™</b> )   |                  | inferior conj            | -813 Sep 11 j 08:39       | 9° <b>™</b> 37'12            | -2°00'40    |
| min. Earth dist.    | -814 Sep 26 j 07:08          | 27° Mp 13'32        | 0.67005 AU       | minimum elong            | -813 Sep 11 j 11:39       | 9° <b>™</b> 28'04            | 1°59'31     |
| inferior conj       | -814 Sep 27 j 08:31          | 25° <b>m</b> 51'09  |                  | morning rise             | -813 Sep 17 j 06:39       | 3°₩49'25                     |             |
| minimum elong       | -814 Sep 27 j 10:08          | 25° Mp 45'52        | 1°04'47          | asc. node                | -813 Sep 17 j 10:07       | 3° <b>m</b> 44'34            |             |
| asc. node           | -814 Sep 30 j 13:05          | 21°M 59'16          |                  | direct                   | -813 Sep 20 j 07:32       | 2° Mp 57′04                  |             |
| morning rise        | -814 Oct 02 j 23:30          | 19° <b>m</b> 52'24  |                  | morning max el           | -813 Sep 27 j 01:43       | 6° № 42'23                   | 18°42'46    |
| direct              | -814 Oct 06 j 09:26          | 18° <b>m</b> 44'55  |                  |                          | -813 Oct 13 j 08:15       | 0∘ <b>ত</b>                  |             |
| morning max el      | -814 Oct 13 j 15:59          | 22° <b>m</b> 53'31  | 19°32'02         | morning set              | -813 Oct 17 j 23:00       | 7° <b>≙</b> 20'53            |             |
|                     | -814 Oct 19 j 12:41          | 0∘ <b>ত</b>         |                  | desc. node               | -813 Oct 27 j 15:21       | 22° <b>≏</b> 41'17           |             |
| morning set         | -814 Nov 07 j 03:17          | 27° <b>£</b> 55'50  |                  |                          | -813 Nov 01 j 06:49       | 0° <b>M</b> .                |             |
| Ü                   | -814 Nov 08 j 11:16          | 0° <b>M</b> .       |                  |                          | 3                         |                              |             |
| desc. node          | -814 Nov 09 j 18:19          | 2°M00'42            |                  | superior conj            | -813 Nov 03 j 00:11       | 2°M42'45                     | -0°40'42    |
| max. Earth dist.    | -814 Nov 20 j 03:15          | 18°M16'58           | 1.44424 AU       | minimum elong            | -813 Nov 02 j 18:55       | 2°M22'02                     | 0°40'02     |
|                     |                              |                     |                  | max. Earth dist.         | -813 Nov 02 j 21:14       | 2°M31'09                     | 1.44976 AU  |
| superior conj       | -814 Nov 23 j 21:45          | 24° <b>M</b> .17'19 | -1°24'00         | evening rise             | -813 Nov 18 j 19:54       | 27°M46'22                    | 1.11570710  |
| minimum elong       | -814 Nov 23 j 13:42          | 23°M45'06           |                  | evening rise             | -813 Nov 20 j 05:18       | 0°×7                         |             |
| minimum ciong       | -814 Nov 27 j 10:53          | 0° <b>⊼</b> ¹       | 1 23 12          | evening max el           | -813 Dec 10 j 10:25       | 29° <b>х</b> 49'12           | 18°55'22    |
| evening rise        | -814 Dec 08 j 00:15          | 17° <b>∡</b> 124'44 |                  | evening max er           | -813 Dec 10 j 14:40       | 0°る                          | 10 33 22    |
| evening rise        | -814 Dec 15 j 12:52          | ਾਨ<br>0°ਰ           |                  | asc. node                | -813 Dec 14 j 09:24       | 2°පි56'20                    |             |
| evening max el      | -814 Dec 26 j 23:39          | 0 පි<br>16°පි23'54  | 18°23'02         | retrograde               | -813 Dec 17 j 06:24       | 2 03020<br>3° <b>ට</b> 41'28 |             |
| asc. node           | -814 Dec 27 j 12:23          | 16 <b>3</b> 23 34   | 18 23 02         | evening set              |                           | 2°පි42'11                    |             |
|                     | ·                            |                     |                  | evening set              | -813 Dec 20 j 11:24       |                              |             |
| retrograde          | -813 Jan 02 j 12:19          | 19°る57'42           |                  |                          | -813 Dec 23 j 14:28       | 30°R 🗷                       | 2010121     |
| evening set         | -813 Jan 05 j 11:34          | 19° <b>る</b> 09'54  | 20.42151         | inferior conj            | -813 Dec 26 j 04:25       | 26° ₹ 57'12                  |             |
| inferior conj       | -813 Jan 11 j 11:24          | 13° <b>る</b> 42'04  | 3°42'51          | minimum elong            | -813 Dec 26 j 01:42       | 27° 🗷 05'38                  | 3°17'45     |
| minimum elong       | -813 Jan 11 j 09:30          | 13°る47'30           | 3°42'37          | min. Earth dist.         | -813 Dec 27 j 19:08       | 24° 🖈 57'15                  | 0.65454 AU  |
| min. Earth dist.    | -813 Jan 13 j 17:20          | 11° <b>ろ</b> 08'50  | 0.64005 AU       | morning rise             | -813 Dec 31 j 15:43       | 20° <b>∡</b> ′48′17          |             |
| morning rise        | -813 Jan 17 j 06:53          | 7° <b>る</b> 38'51   |                  | direct                   | -812 Jan 07 j 05:46       | 17° <b>∡</b> 757'16          |             |
| direct              | -813 Jan 24 j 05:33          | 4°る48'58            |                  | morning max el           | -812 Jan 20 j 06:04       | 25° 🖈 33'46                  | 26°44'29    |
| desc. node          | -813 Feb 05 j 17:33          | 11° <b>る</b> 32'12  |                  | desc. node               | -812 Jan 23 j 14:34       | 29° <b>∡</b> 09'14           |             |
| morning max el      | -813 Feb 06 j 20:23          | 12° <b>る</b> 37'19  | 27°31'15         |                          | -812 Jan 24 j 08:16       | 0°ರ                          |             |
|                     | -813 Feb 20 j 19:11          | 0° <b>≈</b>         |                  |                          | -812 Feb 14 j 07:10       | 0° <b>≈</b>                  |             |
|                     | -813 Mar 10 j 17:06          | 0° <b>∀</b>         |                  | morning set              | -812 Feb 25 j 04:04       | 19° <b>≈</b> 22'48           |             |
| morning set         | -813 Mar 13 j 18:57          | 5° <b>)</b> 57'45   |                  | max. Earth dist.         | -812 Feb 29 j 11:56       | 27° <b>≈</b> 49'58           | 1.34565 AU  |
| max. Earth dist.    | -813 Mar 18 j 19:30          | 16° <b>)</b> 10′53  | 1.33411 AU       |                          | -812 Mar 01 j 13:49       | 0° <b>∀</b>                  |             |
|                     |                              |                     |                  |                          |                           |                              |             |
| superior conj       | -813 Mar 21 j 16:04          | 22° <b>)</b> 12'46  |                  | superior conj            | -812 Mar 04 j 17:02       | 6° <b>∺</b> 25'08            |             |
| minimum elong       | -813 Mar 21 j 17:56          | 22° <b>)</b> 22'41  | 0°38'56          | minimum elong            | -812 Mar 04 j 20:01       | 6° <b>)</b> 40′38            | 1°04'40     |
| asc. node           | -813 Mar 25 j 11:42          | 0° <b>Υ</b> 23'32   |                  | asc. node                | -812 Mar 11 j 08:44       | 20°\(\frac{1}{2}\)21'17      |             |
|                     |                              |                     |                  |                          |                           |                              |             |

evening rise

-812 Mar 12 j 05:54 22°**升** 11'17

-813 Mar 25 j 07:18

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 48 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl | ne year -900 in       | astronomical cou | nting style is the year | 901 BCE in historical cou | inting style.                             |             |
|---------------------|-----------------------------|-----------------------|------------------|-------------------------|---------------------------|---|-------------|
|                     | -812 Mar 16 j 02:28         | $0^{\circ}\Upsilon$   |                  |                         | -811 Feb 21 j 06:37       | 0° <b>∀</b>                               |             |
| evening max el      | -812 Mar 31 j 18:50         | 23° <b>Y</b> '42'25   | 21°09'43         | evening rise            | -811 Feb 24 j 11:12       | 6° <b>)</b> 30'44                         |             |
| retrograde          | -812 Apr 12 j 13:15         | 29° <b>Y</b> ′24'08   |                  | asc. node               | -811 Feb 26 j 05:46       | 10° <b>∺</b> 05'07                        |             |
| evening set         | -812 Apr 14 j 21:01         | 29° <b>Ƴ</b> 11'36    |                  |                         | -811 Mar 09 j 17:37       | $0^{\circ}$ Y                             |             |
| desc. node          | -812 Apr 20 j 13:45         | 27° <b>Y</b> 10′27    |                  | evening max el          | -811 Mar 14 j 04:17       | 5° <b>Ƴ</b> 09'00                         | 19°55'14    |
| inferior conj       | -812 Apr 24 j 04:58         | 25° <b>Y</b> 12'31    | -1°02'01         | retrograde              | -811 Mar 24 j 05:53       | 9° <b>Ƴ</b> 58'13                         |             |
| minimum elong       | -812 Apr 24 j 02:02         | 25° <b>Ƴ</b> 16′39    | 1°00'59          | evening set             | -811 Mar 26 j 09:16       | 9° <b>Ƴ</b> 46′05                         |             |
| min. Earth dist.    | -812 Apr 24 j 17:40         | 24° <b>Y</b> 54'36    | 0.55031 AU       | inferior conj           | -811 Apr 04 j 04:11       | 5° <b>Ƴ</b> 45'17                         | 0°55'04     |
| morning rise        | -812 May 03 j 07:06         | 21° <b>Y</b> ′08'57   |                  | minimum elong           | -811 Apr 04 j 06:33       | 5° <b>Ƴ</b> 41'41                         | 0°54'15     |
| direct              | -812 May 06 j 11:22         | 20° <b>Ƴ</b> 47'05    |                  | min. Earth dist.        | -811 Apr 06 j 07:48       | 4° <b>Ƴ</b> 26′27                         | 0.55619 AU  |
| morning max el      | -812 May 19 j 06:37         | 26° <b>Y</b> ′53'56   | 22°26'36         | desc. node              | -811 Apr 07 j 10:46       | 3° <b>Y</b> '46'46                        |             |
| •                   | -812 May 22 j 06:33         | 0°8                   |                  | morning rise            | -811 Apr 13 j 01:36       | 1° <b>Y</b> 14'37                         |             |
| asc. node           | -812 Jun 07 j 07:59         | 25° <b>8</b> 46'05    |                  | direct                  | -811 Apr 17 j 02:45       | 0° <b>Ƴ</b> 38'27                         |             |
|                     | -812 Jun 09 j 09:48         | $\Pi^{\circ}0$        |                  | morning max el          | -811 Apr 30 j 23:11       | 7° <b>Y</b> '31'50                        | 24°07'11    |
| morning set         | -812 Jun 10 j 02:55         | 1° <b>Ⅱ</b> 28'58     |                  | C                       | -811 May 17 j 05:10       | 0° <b>႘</b>                               |             |
| Č                   | ,                           |                       |                  | asc. node               | -811 May 25 j 05:04       | 15° <b>8</b> 36'55                        |             |
| superior conj       | -812 Jun 17 j 07:52         | 16° <b>∏</b> 45'41    | 1°28'16          | morning set             | -811 May 25 j 14:46       | 16° <b>8</b> 27'50                        |             |
| minimum elong       | -812 Jun 17 j 05:24         | 16° <b>Ⅱ</b> 32'40    | 1°27'59          | Č                       | -811 May 31 j 21:56       | 0°II                                      |             |
| max. Earth dist.    | -812 Jun 20 j 09:15         |                       | 1.34303 AU       |                         | 011 my 01 y 210 0         | -   |             |
|                     | -812 Jun 23 j 18:07         | 0.ಪ                   |                  | superior conj           | -811 Jun 01 j 15:45       | 1° <b>Ⅱ</b> 36′18                         | 1°11'18     |
| evening rise        | -812 Jun 25 j 05:11         | 2° <b>©</b> 52'58     |                  | minimum elong           | -811 Jun 01 j 13:16       | 1° <b>Ⅲ</b> 22'57                         |             |
| e vennig rise       | -812 Jul 10 j 16:14         | 0° <b>Ω</b>           |                  | max. Earth dist.        | -811 Jun 03 j 12:15       | 5° <b>Ⅱ</b> 35'35                         | 1.33287 AU  |
| desc. node          | -812 Jul 17 j 13:03         | 10° <b>Ω</b> 04'55    |                  | evening rise            | -811 Jun 09 j 01:00       | 17° <b>Ⅱ</b> 07'19                        | 1.55207 110 |
| evening max el      | -812 Jul 29 j 22:09         | 24°Ω46'33             | 27°08'53         | evening rise            | -811 Jun 15 j 17:32       | 0°95                                      |             |
| evening max er      | -812 Aug 05 j 13:28         | 0°m)                  | 27 00 33         | desc. node              | -811 Jul 04 j 10:03       | 29° <b>©</b> 00'39                        |             |
| retrograde          | -812 Aug 12 j 05:46         | ارات<br>2° 100 (10° 2 |                  | desc. node              | -811 Jul 05 j 05:00       | 0°Ω                                       |             |
| renograde           | -812 Aug 18 j 07:16         | 2 11/03 32<br>30°RΩ   |                  | evening max el          | -811 Jul 12 j 08:32       | 7° <b>Ω</b> 53'08                         | 27025124    |
| evening set         | -812 Aug 19 j 04:53         | 29° <b>Ω</b> 19'25    |                  | retrograde              | -811 Jul 26 j 00:46       | 15° <b>Ω</b> 13'48                        | 21 23 24    |
| min. Earth dist.    | -812 Aug 23 j 00:20         |                       | 0.65029 AU       | evening set             | -811 Aug 02 j 05:27       | 13 <b>δ</b> (13 48)<br>12° <b>Ω</b> 34'41 |             |
|                     | -812 Aug 25 j 00:20         | 23° <b>Ω</b> 16'43    |                  | min. Earth dist.        | -811 Aug 02 j 03.27       |   | 0.63490 AU  |
| inferior conj       |                             |                       |                  |                         |                           | 6°Ω44'55                                  |             |
| minimum elong       | -812 Aug 25 j 06:36         | 23° <b>Ω</b> 05'09    | 2-32-19          | inferior conj           | -811 Aug 08 j 11:27       |   |             |
| morning rise        | -812 Aug 31 j 08:58         | 17° <b>Ω</b> 43'10    |                  | minimum elong           | -811 Aug 08 j 16:02       | 6°Ω33'17                                  | 3-40-13     |
| direct              | -812 Sep 03 j 03:07         | 17° <b>Ω</b> 02'29    |                  | morning rise            | -811 Aug 15 j 03:41       | 1° <b>Ω</b> 28'42                         |             |
| asc. node           | -812 Sep 03 j 07:10         | 17° <b>Ω</b> 02'38    | 10010101         | direct                  | -811 Aug 17 j 17:31       | 0° <b>Ω</b> 56'32                         |             |
| morning max el      | -812 Sep 09 j 15:44         | 20° <b>Ω</b> 33'35    | 18°10'01         | asc. node               | -811 Aug 21 j 04:14       | 1° <b>Ω</b> 54'49                         | 1505415     |
|                     | -812 Sep 16 j 19:59         | 0° <b>m</b> )         |                  | morning max el          | -811 Aug 24 j 07:23       | 4° <b>Ω</b> 21'54                         | 17°54'45    |
| morning set         | -812 Sep 27 j 23:03         | 18°Mp09'11            |                  |                         | -811 Sep 09 j 22:04       | 0° m/y                                    |             |
|                     | -812 Oct 05 j 03:41         | 0∘ <b>⊽</b>           |                  | morning set             | -811 Sep 10 j 00:32       | 0° Mp 10′47                               |             |
|                     | 012.0 + 12:04.07            | 110 0 1004            | 0000140          |                         | 011.0 22:05.07            | 200 m. 50105                              | 0052112     |
| superior conj       | -812 Oct 12 j 04:07         | 11° <b>£</b> 18'04    |                  | superior conj           | -811 Sep 22 j 05:07       | 20° m 58'05                               |             |
| minimum elong       | -812 Oct 12 j 05:12         | 11° <b>Ω</b> 22'26    | 0°08'40          | minimum elong           | -811 Sep 22 j 09:59       | 21° m 18'09                               | 0°51'36     |
| behind sun begin    | -812 Oct 11 j 19:56         | 10° <b>Ω</b> 45'28    |                  | D d E c                 | -811 Sep 27 j 18:04       | 0° <b>⊽</b>                               | 1 42005 411 |
| behind sun end      | -812 Oct 12 j 14:29         | 11° <b>Ω</b> 59'21    |                  | max. Earth dist.        | -811 Sep 28 j 08:23       | 0° <b>≏</b> 57'27                         | 1.43895 AU  |
| desc. node          | -812 Oct 13 j 12:22         | 13° <b>Ω</b> 26'19    | 1 44505 411      | desc. node              | -811 Sep 30 j 09:24       | 4° <b>£</b> 13'01                         |             |
| max. Earth dist.    | -812 Oct 15 j 16:05         | 16° <b>Ω</b> 51'00    | 1.44785 AU       | evening rise            | -811 Oct 07 j 23:41       | 16° <b>≏</b> 06'21                        |             |
|                     | -812 Oct 24 j 01:28         | 0°M                   |                  |                         | -811 Oct 17 j 02:47       | 0°M,                                      | 20045105    |
| evening rise        | -812 Oct 28 j 16:37         | 7°M12'01              | ^ <b>7</b>       | evening max el          | -811 Nov 05 j 18:44       | 26°M43'58                                 | 20°47'05    |
| greatest brilliancy | -812 Nov 10 j 10:08         | 26°M45'27             | -0./m            |                         | -811 Nov 09 j 13:17       | 0° <b>⊼</b> ¹                             |             |
|                     | -812 Nov 12 j 14:24         | 0° <b>∡</b> 7         |                  | retrograde              | -811 Nov 14 j 01:04       | 1° <b>∡</b> 737'31                        |             |
| evening max el      | -812 Nov 22 j 17:16         | 13° <b>√</b> 16'15    | 19°44'08         | asc. node               | -811 Nov 17 j 03:28       | 0° <b>∡</b> ¹42'45                        |             |
| retrograde          | -812 Nov 30 j 03:27         | 17° <b>∡</b> ³35'50   |                  | evening set             | -811 Nov 17 j 22:56       | 0° <b>√</b> 09'55                         |             |
| asc. node           | -812 Nov 30 j 06:26         | 17° <b>∡</b> ³35'45   |                  |                         | -811 Nov 18 j 04:05       | 30°RM                                     |             |
| evening set         | -812 Dec 03 j 15:53         | 16° <b>₹</b> 23'23    |                  | inferior conj           | -811 Nov 23 j 08:28       | 23°M59'57                                 | 2°01'06     |
| inferior conj       | -812 Dec 09 j 04:15         | 10° <b>≯</b> 24'13    | 2°43'31          | minimum elong           | -811 Nov 23 j 06:02       | 24°M08'16                                 | 2°00'14     |
| minimum elong       | -812 Dec 09 j 01:24         | 10° <b>∡</b> ′33'36   | 2°42'41          | min. Earth dist.        | -811 Nov 23 j 21:10       | 23°M16'35                                 | 0.67210 AU  |
| min. Earth dist.    | -812 Dec 10 j 05:08         | 9° <b>∡</b> 02'15     | 0.66516 AU       | morning rise            | -811 Nov 28 j 12:56       | 17° <b>M</b> 46'03                        |             |
| morning rise        | -812 Dec 14 j 10:43         | 4° <b>≯</b> 11'43     |                  | direct                  | -811 Dec 03 j 23:09       | 15°M23'40                                 |             |
| direct              | -812 Dec 20 j 11:48         | 1° <b>∡</b> 31'14     |                  | morning max el          | -811 Dec 14 j 23:43       | 21°M58'21                                 | 24°10'18    |
| morning max el      | -811 Jan 01 j 15:15         | 8° <b>∡</b> ⁴43'31    | 25°34'13         |                         | -811 Dec 21 j 23:43       | 0° <b>∡</b> ″                             |             |
| desc. node          | -811 Jan 09 j 11:36         | 17° <b>∡</b> ¹45'56   |                  | desc. node              | -811 Dec 27 j 08:39       | 7° <b>∡</b> °05′06                        |             |
|                     | -811 Jan 18 j 09:33         | 5°0                   |                  |                         | -810 Jan 11 j 16:57       | ರ∘ರ                                       |             |
|                     | -811 Feb 05 j 19:51         | 0° <b>≈</b>           |                  | morning set             | -810 Jan 19 j 18:11       | 13° <b>る</b> 25'03                        |             |
| morning set         | -811 Feb 06 j 21:46         | 1° <b>≈</b> 57'14     |                  | max. Earth dist.        | -810 Jan 23 j 12:45       | 20° <b>පි</b> 03'51                       | 1.38125 AU  |
| max. Earth dist.    | -811 Feb 10 j 16:37         | 8° <b>≈</b> 59'21     | 1.36164 AU       |                         | -810 Jan 28 j 22:22       | 0° <b>≈</b>                               |             |
|                     |                             |                       |                  |                         |                           |   |             |
| superior conj       | -811 Feb 16 j 09:44         | 20° <b>≈</b> 07'42    |                  | superior conj           | -810 Jan 30 j 14:43       | 3° <b>≈</b> 11'30                         | -1°47'48    |
| minimum elong       | -811 Feb 16 j 13:24         | 20° <b>≈</b> 26′03    | 1°28'18          | minimum elong           | -810 Jan 30 j 18:08       | 3° <b>≈</b> 27'47                         | 1°47'32     |
|                     |                             |                       |                  |                         |                           |   |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 49 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Th                | ne year -900 in                        | astronomical cour | nting style is the year | 901 BCE in historical cou                  | nting style.                             |                    |
|---------------------|--|--|-------------------|-------------------------|--|--|--------------------|
| evening rise        | -810 Feb 08 j 10:03                        | 20° <b>≈</b> 25′16                     |                   | evening rise            | -809 Jan 22 j 23:27                        | 3° <b>≈</b> 47'32                        |                    |
| asc. node           | -810 Feb 13 j 02:49                        | 29° <b>≈</b> 29'47                     |                   | asc. node               | -809 Jan 30 j 23:51                        | 18° <b>≈</b> 28'44                       |                    |
|                     | -810 Feb 13 j 09:17                        | 0° <b>∀</b>                            |                   | evening max el          | -809 Feb 08 j 05:18                        | 29° <b>≈</b> 50'53                       | 18°24'13           |
| evening max el      | -810 Feb 25 j 00:34                        | 17° <b>)</b> 13′53                     | 18°59'43          |                         | -809 Feb 08 j 09:06                        | 0° <b>∀</b>                              |                    |
| retrograde          | -810 Mar 05 j 12:35                        | 21° <b>¥</b> 19′26                     |                   | retrograde              | -809 Feb 15 j 14:09                        | 3° <b>¥</b> 28'52                        |                    |
| evening set         | -810 Mar 07 j 19:35                        | 21° <b>米</b> 02′50                     |                   | evening set             | -809 Feb 18 j 02:11                        | 3° <b>米</b> 04'59                        |                    |
| inferior conj       | -810 Mar 15 j 20:00                        | 16° <b>)</b> 47′50                     |                   |                         | -809 Feb 23 j 11:38                        | 30°R≈                                    |                    |
| minimum elong       | -810 Mar 16 j 00:30                        | 16° <b>)</b> ₹39'54                    |                   | inferior conj           | -809 Feb 25 j 08:48                        | 28° <b>≈</b> 29'41                       | 3°25'11            |
| min. Earth dist.    | -810 Mar 18 j 23:47                        | 14° <b>)</b> ₹35'18                    | 0.57034 AU        | minimum elong           | -809 Feb 25 j 12:09                        | 28°≈22'47                                | 3°24'38            |
| morning rise        | -810 Mar 24 j 02:25                        | 11° <b>)</b> 44'35                     |                   | min. Earth dist.        | -809 Feb 28 j 19:08                        | 25°≈41'48                                | 0.58964 AU         |
| desc. node          | -810 Mar 25 j 07:49                        | 11° <b>)</b> € 18'06                   |                   | morning rise            | -809 Mar 04 j 19:44                        | 23°≈00'02                                |                    |
| direct              | -810 Mar 29 j 07:24                        | 10° <b>)</b> € 40'04                   | 25042110          | direct                  | -809 Mar 11 j 01:19                        | 21°≈18'05                                |                    |
| morning max el      | -810 Apr 12 j 14:05                        | 18° <b>∺</b> 03'58                     | 25°42'10          | desc. node              | -809 Mar 12 j 04:53                        | 21°≈21'30                                | 26056120           |
|                     | -810 Apr 22 j 11:52                        | 0°Υ<br>•••                             |                   | morning max el          | -809 Mar 25 j 08:46                        | 28°≈57'47                                | 26°56'30           |
|                     | -810 May 09 j 10:03                        | 0°8                                    |                   |                         | -809 Mar 26 j 09:37                        | 0° <b>\</b><br>0° <b>Υ</b>               |                    |
| morning set         | -810 May 10 j 02:32                        | 1° <b>8</b> 26'23<br>5° <b>8</b> 39'22 |                   | morning sat             | -809 Apr 16 j 04:46                        | 0° <b>γ</b><br>16° <b>Υ</b> 19'01        |                    |
| asc. node           | -810 May 12 j 02:06                        | 3 039 22                               |                   | morning set asc. node   | -809 Apr 24 j 12:36<br>-809 Apr 28 j 23:10 | 25° <b>Y</b> 48'55                       |                    |
| superior conj       | -810 May 17 j 02:28                        | 16° <b>8</b> 34'31                     | 0°50'46           | asc. Houe               | -809 Apr 30 j 21:05                        | 0° <b>8</b>                              |                    |
| minimum elong       | -810 May 17 j 02:28                        | 16° <b>8</b> 23'29                     | 0°50'23           |                         | -809 Apr 30 J 21.03                        | 0.0                                      |                    |
| max. Earth dist.    | -810 May 17 j 00:27                        |  | 1.32657 AU        | superior conj           | -809 May 01 j 14:15                        | 1° <b>8</b> 34'12                        | 0°27'30            |
| max. Earth dist.    | -810 May 23 j 08:21                        | 0°Ⅱ                                    | 1.32037 AC        | minimum elong           | -809 May 01 j 13:03                        | 1° <b>8</b> 27'38                        |                    |
| evening rise        | -810 May 24 j 04:20                        | 1° <b>Ⅱ</b> 43'50                      |                   | max. Earth dist.        | -809 May 01 j 10:40                        | 1° <b>8</b> 14'30                        | 1.32394 AU         |
| evening rise        | -810 Jun 08 j 16:07                        | 0°95                                   |                   | evening rise            | -809 May 08 j 12:36                        | 16° <b>8</b> 33'56                       | 1.52574710         |
| desc. node          | -810 Jun 21 j 07:05                        | 17°500'02                              |                   | evening rise            | -809 May 15 j 06:16                        | 0°II                                     |                    |
| evening max el      | -810 Jun 24 j 15:22                        | 20°526'41                              | 27°10'14          |                         | -809 Jun 04 j 09:53                        | 0°©                                      |                    |
| retrograde          | -810 Jul 08 j 13:05                        | 27° <b>©</b> 45'05                     | 2, 101.           | evening max el          | -809 Jun 06 j 16:18                        | 2°9517'32                                | 26°22'06           |
| evening set         | -810 Jul 15 j 14:36                        | 25° <b>©</b> 27'25                     |                   | desc. node              | -809 Jun 08 j 04:07                        | 3°539'23                                 | 20 22 00           |
| min. Earth dist.    | -810 Jul 19 j 05:28                        |  | 0.61632 AU        | retrograde              | -809 Jun 20 j 17:01                        | 9° <b>©</b> 32'01                        |                    |
| inferior conj       | -810 Jul 22 j 08:24                        | 19° <b>©</b> 53'29                     |                   | evening set             | -809 Jun 27 j 03:46                        | 7°9548'16                                |                    |
| minimum elong       | -810 Jul 22 j 12:11                        | 19° <b>5</b> 44'57                     |                   | min. Earth dist.        | -809 Jul 01 j 05:23                        | 5°909'56                                 | 0.59594 AU         |
| morning rise        | -810 Jul 29 j 11:20                        | 14° <b>©</b> 57'24                     |                   | inferior conj           | -809 Jul 04 j 13:42                        | 2° <b>©</b> 33'11                        |                    |
| direct              | -810 Jul 31 j 23:12                        | 14° <b>©</b> 31'08                     |                   | minimum elong           | -809 Jul 04 j 14:51                        | 2°530'56                                 | 4°38'58            |
| morning max el      | -810 Aug 07 j 21:40                        | 17° <b>©</b> 59'20                     | 17°57'57          | _                       | -809 Jul 08 j 01:01                        | 30°RⅡ                                    |                    |
| asc. node           | -810 Aug 08 j 01:19                        | 18° <b>©</b> 08'17                     |                   | morning rise            | -809 Jul 12 j 04:02                        | 27° <b>Ⅱ</b> 59'14                       |                    |
|                     | -810 Aug 16 j 12:45                        | $0^{\circ}\Omega$                      |                   | direct                  | -809 Jul 14 j 16:04                        | 27° <b>II</b> 36'57                      |                    |
| morning set         | -810 Aug 23 j 21:28                        | 13° <b>Ω</b> 08′15                     |                   |                         | -809 Jul 20 j 19:35                        | 0ං <b>ම</b>                              |                    |
|                     | -810 Sep 02 j 06:20                        | 0° <b>™</b>                            |                   | morning max el          | -809 Jul 22 j 07:36                        | 1° <b>©</b> 17'52                        | 18°20'46           |
|                     |  |  |                   | asc. node               | -809 Jul 25 j 22:23                        | 5° <b>5</b> 27'41                        |                    |
| superior conj       | -810 Sep 03 j 09:37                        | 1° <b>m</b> 59'09                      | 1°23'07           | morning set             | -809 Aug 07 j 08:30                        | 26°5947'02                               |                    |
| minimum elong       | -810 Sep 03 j 14:19                        | 2°Mp 19'36                             | 1°22'39           |                         | -809 Aug 09 j 00:58                        | $0$ $^{\circ}$ $\Omega$                  |                    |
| max. Earth dist.    | -810 Sep 10 j 20:01                        | 14° <b>m</b> 34'35                     | 1.42424 AU        |                         |  |  |                    |
| evening rise        | -810 Sep 17 j 10:51                        | 25° <b>m</b> 15'18                     |                   | superior conj           | -809 Aug 16 j 14:37                        | 14° <b>Ω</b> 13'06                       |                    |
| desc. node          | -810 Sep 17 j 06:25                        | 24° <b>m</b> 57'47                     |                   | minimum elong           | -809 Aug 16 j 17:17                        | 14° <b>Ω</b> 25'21                       | 1°40'45            |
|                     | -810 Sep 20 j 11:35                        | 0∘ <b>⊽</b>                            |                   | max. Earth dist.        | -809 Aug 24 j 02:33                        | 27° <b>Ω</b> 32'03                       | 1.40561 AU         |
|                     | -810 Oct 11 j 02:01                        | 0° <b>M</b>                            |                   |                         | -809 Aug 25 j 13:13                        | 0° <b>m</b> )                            |                    |
| evening max el      | -810 Oct 19 j 14:26                        | 10°M12'21                              | 22°00'50          | evening rise            | -809 Aug 28 j 17:45                        | 5° m/20'02                               |                    |
| retrograde          | -810 Oct 28 j 21:14                        | 15°M43'33                              |                   | desc. node              | -809 Sep 04 j 03:27                        | 15° <b>m</b> 37'06                       |                    |
| evening set         | -810 Nov 02 j 06:44                        | 13°M58'48                              |                   |                         | -809 Sep 13 j 16:39                        | 0° <b>⊽</b>                              | 22220125           |
| asc. node           | -810 Nov 04 j 00:31                        | 12°M19'06                              | 1012105           | evening max el          | -809 Oct 02 j 05:16                        | 23° <b>Ω</b> 42'35                       | 23°20'25           |
| inferior conj       | -810 Nov 07 j 15:00                        | 7°M41'38                               | 1°13'05           | retrograde              | -809 Oct 12 j 14:36                        | 29° <b>£</b> 51'12                       |                    |
| minimum elong       | -810 Nov 07 j 13:23                        | 7°M47'14                               | 1°12'25           | evening set             | -809 Oct 17 j 13:34                        | 27° <b>△</b> 48'03                       |                    |
| min. Earth dist.    | -810 Nov 07 j 16:43                        | 7°M35'39                               | 0.67563 AU        | asc. node               | -809 Oct 21 j 21:35                        | 22° <b>£</b> 50'36                       | 0921102            |
| morning rise        | -810 Nov 12 j 19:51                        | 1°M28'43                               |                   | inferior conj           | -809 Oct 22 j 22:00                        | 21° <b>£</b> 27'13<br>21° <b>£</b> 28'55 | 0°21'02<br>0°20'48 |
| direct              | -810 Nov 15 j 03:00                        | 30° <b>₹</b> Ω                         |                   | minimum elong           | -809 Oct 22 j 21:30                        |  |                    |
| direct              | -810 Nov 17 j 14:56                        | 29° <b>£</b> 28'11<br>0° <b>™</b>      |                   | min. Earth dist.        | -809 Oct 22 j 13:18<br>-809 Oct 28 j 05:21 | 21° <b>♀</b> 57'02<br>15° <b>♀</b> 17'51 | 0.67597 AU         |
| morning max el      | -810 Nov 20 j 06:39<br>-810 Nov 27 j 09:53 | 5°M 16'58                              | 22042142          | morning rise<br>direct  | -809 Nov 01 j 10:10                        | 13° <b>2</b> 39'40                       |                    |
| desc. node          | -810 Nov 27 J 09.33<br>-810 Dec 14 j 05:42 | 26°M54'23                              | 22 T2 HJ          | morning max el          | -809 Nov 10 j 01:22                        | 13 <b>≥</b> 3940<br>18° <b>♀</b> 43'20   | 21°19'50           |
| desc. Houc          | -810 Dec 14 j 03:42                        | 20 1163423<br>0° <b>√</b> 1            |                   | morning max ci          | -809 Nov 10 j 01:22                        | 0°M                                      | 21 1/30            |
| morning set         | -810 Dec 31 j 11:15                        | 23° <b>х</b> 30'59                     |                   | desc. node              | -809 Dec 01 j 02:44                        | 17°ML04'55                               |                    |
| morning set         | -809 Jan 04 j 08:33                        | 23 <b>ス</b> 30 39                      |                   | acse. Hode              | -809 Dec 01 j 02:44                        | 0° <b>∡</b> ⊓                            |                    |
| max. Earth dist.    | -809 Jan 05 j 08:28                        | 1° <b>石</b> 41'39                      | 1.40241 AU        | morning set             | -809 Dec 10 j 23:50                        | 2° <b>∡</b> 16′23                        |                    |
| Zarur diot.         | 50, tan 00 j 00.20                         | . 0 (13)                               | 1211110           | max. Earth dist.        | -809 Dec 18 j 10:36                        | 14° <b>1</b> 14'51                       | 1.42222 AU         |
| superior conj       | -809 Jan 13 j 03:29                        | 15° <b>る</b> 24'59                     | -1°59'07          |                         | 55, 2 <b>55</b> 10 J 10.50                 |  |                    |
| minimum elong       | -809 Jan 13 j 05:02                        | 15° <b>ට</b> 32'00                     |                   | superior conj           | -809 Dec 25 j 18:27                        | 26° <b>х</b> 33′40                       | -1°58'38           |
|                     | -809 Jan 20 j 23:29                        | 0° <b>≈</b>                            |                   | minimum elong           | -809 Dec 25 j 16:08                        | 26° <b>₹</b> ¹23'45                      |                    |
|                     | J  |  |                   |                         | J  | - 1                                      |                    |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -809 Dec 27 j 18:08 0°정 superior conj -808 Dec 05 i 07:00 6° ₹28'11 -1°41'56 -808 Jan 05 j 23:45 16°**පි**28'48 -808 Dec 05 j 00:12 6°**₹**100'21 1°41'25 minimum elong evening rise -808 Jan 13 j 13:48 -808 Dec 18 j 06:47 28°×21'29 0°≈≈ evening rise -808 Jan 17 j 20:54 6°≈52'49 -808 Dec 19 j 05:37 0°궁 asc. node -808 Jan 22 j 15:17 12°≈49'53 -807 Jan 03 j 17:56 24°る31'53 evening max el 18°08'35 asc. node -808 Jan 29 j 08:42 -807 Jan 05 j 03:36 retrograde 16°≈16′15 evening max el 26°**る**03'35 18°12'18 -807 Jan 11 j 15:40 -808 Feb 01 j 00:59 evening set 15°≈43'50 retrograde 29°る31'42 -808 Feb 07 j 17:01 inferior conj 10°**≈**46'59 3°50'12 evening set -807 Jan 14 j 12:06 28°る49'55 minimum elong -808 Feb 07 j 18:01 10°**≈**44'36 3°50'08 inferior conj -807 Jan 20 j 16:58 23°**る**32'45 3°50'47 min. Earth dist. -808 Feb 10 j 20:48 7°**≈**48′01 0.61049 AU minimum elong -807 Jan 20 j 15:55 23°**る**35'36 3°50'42 morning rise -808 Feb 14 j 09:32 4°≈59'22 min. Earth dist. -807 Jan 23 j 07:35 20°る45'07 0.63007 AU -808 Feb 21 j 05:50 -807 Jan 26 j 18:53 direct 2°**≈**41'48 morning rise 17°る33'42 -807 Feb 02 j 19:09 desc. node -808 Feb 27 j 01:55 4°≈11'47 direct 14°**ප**51'21 morning max el -808 Mar 06 j 09:46 10°**≈**29'39 27°38'48 desc. node -807 Feb 12 j 22:58 19°る21'01 -808 Mar 21 j 14:36 0°**)**€ morning max el -807 Feb 16 j 16:17 22°る42'10 27°44'14  $0^{\circ}\Upsilon$ -808 Apr 07 j 07:38 -807 Feb 23 j 04:00 0°≈ 0°Υ58'27 morning set -808 Apr 07 j 19:02 -807 Mar 14 j 18:52 0°**)**€ max. Earth dist. -808 Apr 13 j 22:49 14°**Y**03'49 1.32487 AU morning set -807 Mar 22 j 19:38 15°**)** 17'09 asc. node -808 Apr 14 j 20:13 16°**Y**00'31 max. Earth dist. -807 Mar 28 j 06:13 26°**)** 34′01 1.32955 AU -807 Mar 29 j 20:44  $0^{\circ}\Upsilon$ superior conj -808 Apr 15 j 01:22 16°**Y**28'39 0°02'17 minimum elong -808 Apr 15 j 01:15 16°**Y**28′03 0°02'16 superior conj -807 Mar 30 j 10:06 1°Y12'01 -0°24'04 behind sun begin -808 Apr 14 j 20:14 16°**Y**′00′37 minimum elong -807 Mar 30 j 11:15 1°Υ18'09 0°23'49 behind sun end -808 Apr 15 i 06:17 16°Y55'29 asc. node -807 Apr 01 j 17:16 6°Υ10'16 -808 Apr 21 j 06:46 0°8 evening rise -807 Apr 06 j 11:21 16°**Y**22'44 -808 Apr 21 j 23:34 1°829'08 -807 Apr 13 j 06:38 0°8 evening rise -808 May 07 j 14:06  $\Pi^{\circ}0$ -807 Apr 30 j 01:06 24°803'12 23°33'41 evening max el -808 May 18 j 10:27 13°**II**24'21 25°06'02 -807 May 08 j 21:15 evening max el 0°Π -808 May 25 j 01:09 18°**Ⅲ**26'43 -807 May 11 j 22:11 0°**I**I45'27 desc. node desc. node -808 Jun 01 j 10:44 20°**Ⅲ**32′06 -807 May 13 j 16:33 0°**I**52'33 retrograde retrograde -808 Jun 06 j 18:06 19°**Ⅲ**27'13 -807 May 17 j 13:21 0°**Ⅱ**19'36 evening set evening set 16°**Ⅲ**38'59 0.57606 AU -808 Jun 11 j 22:09 -807 May 18 j 14:28 min. Earth dist. 30°R₩ 27°**8**07'15 0.56000 AU -808 Jun 15 j 00:00 14°**II**34'14 -4°30'29 -807 May 24 j 11:39 min. Earth dist. inferior conj -808 Jun 14 j 20:50 14°**I**39'39 4°30'11 -807 May 26 j 14:12 25°**8**51'36 -3°41'29 minimum elong inferior conj -808 Jun 23 j 02:18 10°**Ⅲ**22′02 -807 May 26 j 07:29 26°**8**01'42 3°39'57 morning rise minimum elong -808 Jun 25 j 15:41 10°**Ⅱ**02'43 -807 Jun 04 j 04:29 21°**8**54'40 direct morning rise 14°**Ⅱ**08'45 19°04'14 -808 Jul 04 j 10:14 -807 Jun 06 j 19:52 morning max el direct 21°**8**37'18 -808 Jul 11 j 19:27 23°**Ⅲ**38'41 morning max el -807 Jun 17 j 03:05 26°**8**23'09 20°08'29 asc. node -808 Jul 15 j 12:20 0ಂತಾ -807 Jun 20 j 11:58  $0^{\circ}\Pi$ -808 Jul 21 j 05:33 10°956'24 asc. node -807 Jun 28 j 16:30 12°**Ⅲ**29'02 morning set -807 Jul 05 j 09:29 25°**Ⅲ**27'44 morning set -808 Jul 29 j 14:26 27°524'26 1°47'28 -807 Jul 07 j 14:50 0ಂತಾ superior conj -808 Jul 29 j 14:54 27°526'39 1°47'29 minimum elong -808 Jul 30 j 22:56  $0^{\circ}\Omega$ -807 Jul 13 j 03:49 11°9517'34 1°45'11 superior conj max. Earth dist. -808 Aug 05 j 05:38 9° **Ω**48'04 1.38551 AU -807 Jul 13 j 02:36 11°9511'28 1°45'09 minimum elong -808 Aug 09 j 01:48 -807 Jul 18 j 10:13 evening rise 16°**Ω**36'19 max. Earth dist. 21°937'57 1.36653 AU -808 Aug 17 j 02:47 -807 Jul 22 j 08:39 28°959'10 0° m evening rise -808 Aug 21 j 00:29 desc. node 6° 1006'53 -807 Jul 22 i 22:01  $0^{\circ}\Omega$ -808 Sep 07 j 04:39 0∘**⊽** desc. node -807 Aug 07 j 21:30 26° **Ω**21'19 -808 Sep 13 j 17:11 7°**2**15'59 24°39'37 -807 Aug 10 j 09:08 0° m evening max el -808 Sep 25 j 04:11 13°**£**57'16 evening max el -807 Aug 27 j 04:23 20° m 51'17 25°51'06 retrograde -808 Sep 30 j 17:45 11°**♀**36'07 retrograde -807 Sep 08 j 13:19 27° m 55'53 evening set evening set -808 Oct 05 j 08:34 6°**2**19'16 0.67312 AU -807 Sep 14 j 17:23 25° m 19'44 min. Earth dist. -808 Oct 06 j 03:45 -807 Sep 19 j 00:07 inferior conj 5°**£**15'21 -0°33'30 min. Earth dist. 20° m/39'02 0.66699 AU -808 Oct 06 j 04:35 -807 Sep 20 j 06:28 minimum elong 5°**2**12'37 0°33'10 inferior conj 19° Mg 02'50 -1°29'02 asc. node -808 Oct 07 j 18:37 3°**₽**08'29 minimum elong -807 Sep 20 j 08:42 18° **m** 55'47 1°28'07 -808 Oct 10 j 15:28 30°R, Mp -807 Sep 24 j 15:40 14° m 08'57 asc. node -808 Oct 11 j 15:28  $29^{\circ}$  My 12'07-807 Sep 26 j 00:15 13° Mp 08'34 morning rise morning rise -808 Oct 15 j 07:39 27° m 54'27 -807 Sep 29 j 05:58 direct direct 12° Mp 08'09 -808 Oct 20 j 09:35 -807 Oct 06 j 06:36 16°Mp05'57 19°09'11 0∘**⊽** morning max el -808 Oct 23 j 00:22 2°**£**20'26 20°07'32 0∘**⊽** morning max el -807 Oct 16 j 18:19 -808 Nov 12 j 01:52 0°M morning set -807 Oct 29 j 02:37 19°**≏**06'28 desc. node -808 Nov 16 j 23:46 7°M31'00 desc. node -807 Nov 03 j 20:48 28°**2**07'15 morning set -808 Nov 18 j 20:55  $10^{\circ}$ M<sub>25</sub>'10 -807 Nov 05 j 01:35 0°M max. Earth dist. -808 Nov 29 j 20:21 27°M39'47 1.43789 AU max. Earth dist. -807 Nov 12 j 11:36 11°M39'07 1.44743 AU -808 Dec 01 j 07:19 0°×7 -807 Nov 14 j 18:23 15°M15'30 -1°07'12 superior conj

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 51 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: The | he year -900 in     | astronomical cou | nting style is the year | 901 BCE in historical cou | inting style.       | 5          |
|---------------------|-------------------------------|---------------------|------------------|-------------------------|---------------------------|---------------------|------------|
| minimum elong       | -807 Nov 14 j 10:43           | 14°ML45'11          | 1°06'19          | minimum elong           | -806 Oct 24 j 15:58       | 23° <b>≏</b> 27'05  | 0°19'20    |
|                     | -807 Nov 23 j 23:30           | 0°⊀                 |                  | max. Earth dist.        | -806 Oct 26 j 05:46       | 25° <b>≏</b> 55'52  | 1.44984 AU |
| evening rise        | -807 Nov 29 j 16:07           | 9° <b>∡</b> 17'02   |                  |                         | -806 Oct 28 j 19:54       | $0^{\circ}$ M       |            |
|                     | -807 Dec 12 j 11:37           | 0° <b>ප</b>         |                  | evening rise            | -806 Nov 10 j 01:25       | 19°M12'54           |            |
| evening max el      | -807 Dec 19 j 15:37           | 9° <b>る</b> 25'50   | 18°34'38         |                         | -806 Nov 16 j 21:48       | 0° <b>∡</b>         |            |
| asc. node           | -807 Dec 21 j 14:57           | 11° <b>る</b> 12'52  |                  | greatest brilliancy     | -806 Nov 20 j 01:48       | 4° <b>₰</b> 756'46  | -0.8m      |
| retrograde          | -807 Dec 26 j 06:41           | 13° <b>る</b> 06'38  |                  | evening max el          | -806 Dec 03 j 00:59       | 22° <b>₹</b> 52'34  | 19°14'18   |
| evening set         | -807 Dec 29 j 08:05           | 12° <b>る</b> 14'20  |                  | asc. node               | -806 Dec 08 j 11:58       | 26° <b>≯</b> 41'11  |            |
| inferior conj       | -806 Jan 04 j 04:45           | 6° <b>ප</b> 38'58   |                  | retrograde              | -806 Dec 10 j 02:15       | 26° <b>₹</b> 55'22  |            |
| minimum elong       | -806 Jan 04 j 02:24           | 6° <b>る</b> 45'55   | 3°33'32          | evening set             | -806 Dec 13 j 10:09       | 25° <b>≯</b> 50'51  |            |
| min. Earth dist.    | -806 Jan 06 j 04:11           | 4° <b>る</b> 18'37   | 0.64666 AU       | inferior conj           | -806 Dec 19 j 00:59       | 19° <b>₹</b> 59'45  | 3°04'38    |
| morning rise        | -806 Jan 09 j 20:16           | 0° <b>る</b> 32'45   |                  | minimum elong           | -806 Dec 18 j 22:08       | 20° <b>₰</b> 08'50  | 3°03'56    |
|                     | -806 Jan 10 j 12:29           | 30°₹ <b>⋌</b> ¹     |                  | min. Earth dist.        | -806 Dec 20 j 09:43       | 18° <b>∡</b> 15′24  | 0.65953 AU |
| direct              | -806 Jan 16 j 15:55           | 27° <b>∡</b> ¹40'29 |                  | morning rise            | -806 Dec 24 j 09:51       | 13° <b>∡</b> ¹49'05 |            |
|                     | -806 Jan 23 j 12:11           | 0°ಕ                 |                  | direct                  | -806 Dec 30 j 18:54       | 11° <b>⋌</b> *01′00 |            |
| morning max el      | -806 Jan 30 j 01:35           | 5° <b>る</b> 26'09   | 27°14'46         | morning max el          | -805 Jan 12 j 11:00       | 18° <b>₹</b> ¹29'04 | 26°16'51   |
| desc. node          | -806 Jan 30 j 20:00           | 6° <b>ප</b> 12'56   |                  | desc. node              | -805 Jan 17 j 17:02       | 24° <b>⋌</b> 18'01  |            |
|                     | -806 Feb 17 j 20:17           | 0° <b>≈</b>         |                  |                         | -805 Jan 22 j 05:22       | o°ප                 |            |
| morning set         | -806 Mar 06 j 11:30           | 29° <b>≈</b> 05'44  |                  |                         | -805 Feb 10 j 20:00       | 0° <b>≈</b>         |            |
|                     | -806 Mar 06 j 22:37           | 0° <b>∀</b>         |                  | morning set             | -805 Feb 17 j 14:43       | 12° <b>≈</b> 11'32  |            |
| max. Earth dist.    | -806 Mar 11 j 04:53           | 8° <b>∺</b> 32'59   | 1.33841 AU       | max. Earth dist.        | -805 Feb 21 j 15:55       | 19° <b>≈</b> 56'34  | 1.35189 AU |
|                     |                               |                     |                  |                         |                           |                     |            |
| superior conj       | -806 Mar 14 j 14:35           | 15° <b>₩</b> 38'19  | -0°50'28         | superior conj           | -805 Feb 26 j 12:27       | 29° <b>≈</b> 39'44  | -1°15'35   |
| minimum elong       | -806 Mar 14 j 16:58           | 15° <b>¥</b> 50′50  | 0°50'00          | minimum elong           | -805 Feb 26 j 15:48       | 29° <b>≈</b> 56'54  | 1°15'04    |
| asc. node           | -806 Mar 19 j 14:18           | 26° <b>₩</b> 13'58  |                  |                         | -805 Feb 26 j 16:25       | 0° <b>∀</b>         |            |
|                     | -806 Mar 21 j 09:04           | $\mathbf{\gamma}_0$ |                  | evening rise            | -805 Mar 06 j 06:06       | 15° <b>)</b> 39′49  |            |
| evening rise        | -806 Mar 21 j 22:09           | 1° <b>Ƴ</b> 08'35   |                  | asc. node               | -805 Mar 06 j 11:20       | 16° <b>)</b> €06'41 |            |
|                     | -806 Apr 07 j 12:55           | $_{0\circ}$ 8       |                  |                         | -805 Mar 13 j 14:47       | $0^{\circ}\Upsilon$ |            |
| evening max el      | -806 Apr 11 j 19:13           | 4° <b>8</b> 44'03   | 21°59'45         | evening max el          | -805 Mar 24 j 22:27       | 15° <b>Ƴ</b> 50'47  | 20°35'58   |
| retrograde          | -806 Apr 24 j 10:41           | 10° <b>8</b> 54'49  |                  | retrograde              | -805 Apr 04 j 23:39       | 21° <b>Y</b> 09'14  |            |
| evening set         | -806 Apr 27 j 03:08           | 10° <b>8</b> 38'47  |                  | evening set             | -805 Apr 07 j 04:04       | 20° <b>Ƴ</b> 57'39  |            |
| desc. node          | -806 Apr 28 j 19:12           | 10° <b>8</b> 13'36  |                  | desc. node              | -805 Apr 15 j 16:14       | 17° <b>Ƴ</b> 22'38  |            |
| min. Earth dist.    | -806 May 06 j 00:52           | 6° <b>8</b> 50'10   | 0.55116 AU       | inferior conj           | -805 Apr 16 j 07:46       | 17° <b>Ƴ</b> 00′16  | -0°11'04   |
| inferior conj       | -806 May 06 j 12:58           | 6° <b>8</b> 33'09   | -2°08'55         | minimum elong           | -805 Apr 16 j 07:15       | 17° <b>Ƴ</b> 01'01  | 0°10'53    |
| minimum elong       | -806 May 06 j 07:15           | 6° <b>8</b> 41'11   | 2°07'03          | transit middle          | -805 Apr 16 j 07:15       | 17° <b>Ƴ</b> 01'01  | 0°10'53    |
| morning rise        | -806 May 15 j 12:40           | 2° <b>8</b> 36'59   |                  | transit begin           | -805 Apr 16 j 04:18       | 17° <b>Ƴ</b> 05'17  |            |
| direct              | -806 May 18 j 09:43           | 2° <b>8</b> 18'30   |                  | transit end             | -805 Apr 16 j 10:12       | 16° <b>Ƴ</b> 56'45  |            |
| morning max el      | -806 May 30 j 08:56           | 7° <b>8</b> 55'46   | 21°31'50         | min. Earth dist.        | -805 Apr 17 j 14:29       | 16° <b>Ƴ</b> 15'57  | 0.55169 AU |
| -                   | -806 Jun 14 j 14:47           | $\Pi^{\circ}0$      |                  | morning rise            | -805 Apr 25 j 09:18       | 12° <b>Ƴ</b> 46'43  |            |
| asc. node           | -806 Jun 15 j 13:33           | 1° <b>Ⅱ</b> 49'21   |                  | direct                  | -805 Apr 28 j 21:24       | 12° <b>Y</b> 20'05  |            |
| morning set         | -806 Jun 19 j 18:01           | 10° <b>Ⅱ</b> 14'59  |                  | morning max el          | -805 May 12 j 04:57       | 18° <b>Ƴ</b> 48'30  | 23°08'57   |
| -                   | •                             |                     |                  | -                       | -805 May 21 j 09:40       | 0°8                 |            |
| superior conj       | -806 Jun 27 j 02:44           | 25° <b>Ⅱ</b> 40'55  | 1°36'02          | asc. node               | -805 Jun 02 j 10:37       | 21° <b>8</b> 30'52  |            |
| minimum elong       | -806 Jun 27 j 00:33           | 25° <b>Ⅱ</b> 29'30  | 1°35'51          | morning set             | -805 Jun 04 j 05:10       | 25° <b>8</b> 11'17  |            |
| C                   | -806 Jun 29 j 04:55           | 0ංම                 |                  | C                       | -805 Jun 06 j 11:43       | 0° <b>Ⅱ</b>         |            |
| max. Earth dist.    | -806 Jun 30 j 22:25           | 3°530'46            | 1.35056 AU       |                         | · ·                       |                     |            |
| evening rise        | -806 Jul 05 j 09:33           | 12° <b>©</b> 16'37  |                  | superior conj           | -805 Jun 11 j 08:03       | 10° <b>Ⅲ</b> 23'43  | 1°21'35    |
| -                   | -806 Jul 15 j 07:11           | $0^{\circ}\Omega$   |                  | minimum elong           | -805 Jun 11 j 05:32       | 10° <b>Ⅱ</b> 10′12  | 1°21'14    |
| desc. node          | -806 Jul 25 j 18:31           | 16° <b>Ω</b> 13'36  |                  | max. Earth dist.        | -805 Jun 13 j 20:29       | 15° <b>Ⅱ</b> 44′01  | 1.33830 AU |
|                     | -806 Aug 05 j 11:22           | 0° <b>m</b> )       |                  | evening rise            | -805 Jun 18 j 23:37       | 26° <b>Ⅱ</b> 13'46  |            |
| evening max el      | -806 Aug 09 j 16:09           | 4° <b>m</b> ) 24'29 | 26°46'55         | -                       | -805 Jun 20 j 21:49       | 0ಂತ                 |            |
| retrograde          | -806 Aug 22 j 17:19           | 11° <b>m</b> 41'09  |                  |                         | -805 Jul 08 j 15:48       | $0^{\circ}\Omega$   |            |
| evening set         | -806 Aug 29 j 10:20           | 8° <b>m</b> 56'07   |                  | desc. node              | -805 Jul 12 j 15:33       | 5° <b>Ω</b> 33'34   |            |
| min. Earth dist.    | -806 Sep 02 j 09:41           | 4° m 52'41          | 0.65742 AU       | evening max el          | -805 Jul 23 j 03:48       | 17° <b>Ω</b> 45'00  | 27°19'35   |
| inferior conj       | -806 Sep 04 j 04:13           | 2° Mp 47'02         | -2°23'38         | retrograde              | -805 Aug 05 j 15:36       | 25° <b>Ω</b> 04'54  |            |
| minimum elong       | -806 Sep 04 j 07:45           | 2° m/36'37          |                  | evening set             | -805 Aug 12 j 17:49       | 22° <b>Ω</b> 20′23  |            |
| 3                   | -806 Sep 06 j 15:20           | 30°R€               |                  | min. Earth dist.        | -805 Aug 16 j 10:57       | 18° <b>Ω</b> 53'00  | 0.64419 AU |
| morning rise        | -806 Sep 10 j 05:39           | 27° <b>Ω</b> 04'44  |                  | inferior conj           | -805 Aug 18 j 18:39       | 16° <b>Ω</b> 22'49  |            |
| asc. node           | -806 Sep 11 j 12:42           | 26° <b>£</b> 32′18  |                  | minimum elong           | -805 Aug 18 j 23:04       | 16° <b>Ω</b> 10'53  |            |
| direct              | -806 Sep 13 j 03:16           | 26° <b>Ω</b> 17'52  |                  | morning rise            | -805 Aug 25 j 05:07       | 10° <b>Ω</b> 55'56  |            |
|                     | -806 Sep 19 j 19:49           | 0° m/p              |                  | direct                  | -805 Aug 27 j 21:10       | 10° <b>Ω</b> 19'08  |            |
| morning max el      | -806 Sep 19 j 18:26           | 29° <b>Q</b> 56'29  | 18°26'41         | asc. node               | -805 Aug 29 j 09:47       | 10° <b>Ω</b> 31'15  |            |
| morning set         | -806 Oct 09 j 10:11           | 29° Mp 06'36        |                  | morning max el          | -805 Sep 03 j 09:25       | 13° <b>Ω</b> 46'51  | 18°01'16   |
| <i>5</i> ·          | -806 Oct 09 j 23:23           | 0∘ <b>ಹ</b>         |                  | <i>Q</i>                | -805 Sep 14 j 16:55       | 0° mp               |            |
| desc. node          | -806 Oct 21 j 17:49           | 18° <b>≙</b> 50'09  |                  | morning set             | -805 Sep 20 j 21:48       | 10° m 28'34         |            |
|                     | <b>,</b>                      |                     |                  | Ç                       | -805 Oct 02 j 15:23       | 0∘ <b>⊽</b>         |            |
| superior conj       | -806 Oct 24 j 18:34           | 23° <b>≙</b> 37'19  | -0°19'42         |                         | ,                         |                     |            |
| . ,                 | <i>j</i> ·                    |                     |                  |                         |                           |                     |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 52 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: T | he year -900 in                   | astronomical cou | inting style is the year | 901 BCE in historical cou | inting style.           |            |
|---------------------|----------------------------|-----------------------------------|------------------|--------------------------|---------------------------|-------------------------|------------|
| superior conj       | -805 Oct 04 j 05:42        | 2° <b>₽</b> 35'14                 | 0°28'32          |                          | -804 Aug 19 j 06:13       | $0$ $^{\circ}$ $\Omega$ |            |
| minimum elong       | -805 Oct 04 j 08:55        | 2° <b>≙</b> 48'15                 | 0°28'05          | morning set              | -804 Sep 02 j 08:17       | 22° <b>Q</b> 55'58      |            |
| desc. node          | -805 Oct 08 j 14:52        | 9° <b>≏</b> 36'26                 |                  |                          | -804 Sep 06 j 08:00       | 0° <b>™</b>             |            |
| max. Earth dist.    | -805 Oct 09 j 00:04        | 10° <b>≙</b> 12'58                | 1.44490 AU       |                          |                           |                         |            |
| evening rise        | -805 Oct 20 j 14:35        | 28° <b>≏</b> 21'04                |                  | superior conj            | -804 Sep 13 j 18:19       | 12° <b>m</b> 49'21      | 1°07'01    |
|                     | -805 Oct 21 j 16:15        | 0° <b>M</b> .                     |                  | minimum elong            | -804 Sep 13 j 23:29       | 13° <b>m</b> 11'09      | 1°06'24    |
| greatest brilliancy | -805 Nov 03 j 15:43        | 19° <b>M</b> 40'48                | -0.6m            | max. Earth dist.         | -804 Sep 20 j 15:12       | 24° <b>m</b> 10'59      | 1.43331 AU |
|                     | -805 Nov 10 j 22:36        | 0° <b>∡</b> ¹                     |                  | desc. node               | -804 Sep 24 j 11:53       | 0° <b>ჲ</b> 22'36       |            |
| evening max el      | -805 Nov 16 j 05:47        | 6° <b>∡</b> 120′50                | 20°09'26         |                          | -804 Sep 24 j 06:12       | 0∘ <b>⊽</b>             |            |
| retrograde          | -805 Nov 23 j 23:43        | 10° <b>∡</b> 753'40               |                  | evening rise             | -804 Sep 28 j 21:03       | 7° <b>≏</b> 15'31       |            |
| asc. node           | -805 Nov 25 j 09:00        | 10° <b>∡</b> ¹42'40               |                  |                          | -804 Oct 13 j 23:55       | $0^{\circ}$ M           |            |
| evening set         | -805 Nov 27 j 15:59        | 9° <b>∡</b> ¹34'56                |                  | evening max el           | -804 Oct 29 j 04:45       | 19° <b>M</b> 48'29      | 21°17'24   |
| inferior conj       | -805 Dec 03 j 02:57        | 3° <b>∡</b> ¹30'57                | 2°26'20          | retrograde               | -804 Nov 06 j 20:54       | 24°M57'38               |            |
| minimum elong       | -805 Dec 03 j 00:13        | 3° <b>∡</b> ¹40'06                | 2°25'27          | evening set              | -804 Nov 10 j 23:35       | 23°M22'41               |            |
| min. Earth dist.    | -805 Dec 03 j 22:28        | 2° <b>∡</b> ¹25'32                | 0.66856 AU       | asc. node                | -804 Nov 11 j 06:05       | 23°ML09'40              |            |
|                     | -805 Dec 05 j 19:40        | 30°RM₊                            |                  | inferior conj            | -804 Nov 16 j 08:22       | 17° <b>ľľ</b> .09'07    | 1°41'19    |
| morning rise        | -805 Dec 08 j 08:16        | 27°M17'52                         |                  | minimum elong            | -804 Nov 16 j 06:14       | 17° <b>M</b> 16'27      | 1°40'30    |
| direct              | -805 Dec 14 j 03:16        | 24° <b>M</b> .44'21               |                  | min. Earth dist.         | -804 Nov 16 j 16:11       | 16° <b>™</b> 42'11      | 0.67398 AU |
|                     | -805 Dec 24 j 01:32        | 0° <b>∡</b> ¹                     |                  | morning rise             | -804 Nov 21 j 12:44       | 10°M55'33               |            |
| morning max el      | -805 Dec 25 j 19:34        | 1° <b>∡</b> 741'20                | 24°59'40         | direct                   | -804 Nov 26 j 16:25       | 8°M42'29                |            |
| desc. node          | -804 Jan 04 j 14:05        | 13° <b>∡</b> 14'49                |                  | morning max el           | -804 Dec 07 j 04:29       | 14°M57'50               | 23°33'04   |
|                     | -804 Jan 16 j 07:05        | 0°ठ                               |                  |                          | -804 Dec 19 j 10:54       | 0° <b>⊼</b> ¹           |            |
| morning set         | -804 Jan 31 j 00:10        | 24° <b>る</b> 20'00                |                  | desc. node               | -804 Dec 21 j 11:07       | 2° <b>∡</b> ¹47'46      |            |
| morning sec         | -804 Feb 03 j 03:13        | 0° <b>≈</b>                       |                  | door. node               | -803 Jan 08 j 06:17       | 0°る                     |            |
| max. Earth dist.    | -804 Feb 03 j 16:25        |                                   | 1.36966 AU       | morning set              | -803 Jan 11 j 09:33       | 。3<br>5° <b>る</b> 14'01 |            |
| max. Earth dist.    | 001100 05 110.25           | 1 /0.003/                         | 1.50700710       | max. Earth dist.         | -803 Jan 15 j 11:50       |                         | 1.39024 AU |
| superior conj       | -804 Feb 10 j 00:43        | 13° <b>≈</b> 07'52                | _1°37'33         | max. Lartii dist.        | -003 Jun 13 j 11.30       | 12 01/17                | 1.57024 AC |
| minimum elong       | -804 Feb 10 j 04:25        | 13°≈26'05                         |                  | superior conj            | -803 Jan 22 j 23:22       | 25° <b>ප්</b> 51'26     | 10531/17   |
| evening rise        | -804 Feb 18 j 09:01        | 29°≈50'13                         | 1 37 09          | minimum elong            | -803 Jan 23 j 02:13       | 26° <b>පි</b> 04'47     |            |
| evening rise        | -804 Feb 18 j 10:58        | 0° <b>₩</b>                       |                  | minimum ciong            | -803 Jan 25 j 04:03       | 20 <b>3</b> 0447        | 1 33 37    |
| aga mada            | ~                          | 5° <b>∺</b> 43'35                 |                  | avanina riaa             |                           | 0 ≈<br>13°≈31'59        |            |
| asc. node           | -804 Feb 21 j 08:22        |                                   | 10920110         | evening rise             | -803 Feb 01 j 04:14       |                         |            |
| evening max el      | -804 Mar 06 j 12:44        | 27° <b>)</b> 34′22<br>0° <b>°</b> | 19°29'10         | asc. node                | -803 Feb 07 j 05:25       | 24°≈58'15               |            |
| . 1                 | -804 Mar 09 j 12:53        |                                   |                  |                          | -803 Feb 10 j 03:09       | 0° <b>)</b> {           | 10040106   |
| retrograde          | -804 Mar 15 j 21:03        | 2°Υ03'08                          |                  | evening max el           | -803 Feb 17 j 12:50       | 9° <b>)</b> ₹53'14      | 18°42'06   |
| evening set         | -804 Mar 18 j 01:45        | 1° <b>Y</b> 49'24                 |                  | retrograde               | -803 Feb 25 j 12:00       | 13° <b>)</b> (45′28     |            |
|                     | -804 Mar 22 j 18:54        | 30° <b>₹</b> ₩                    | 1020121          | evening set              | -803 Feb 27 j 21:06       | 13° <b>)</b> €26'02     | 205626     |
| inferior conj       | -804 Mar 26 j 12:59        | 27° <b>)</b> 43′26                |                  | inferior conj            | -803 Mar 07 j 13:36       | 9° <b>)</b> €02'28      |            |
| minimum elong       | -804 Mar 26 j 16:44        | 27° <b>₩</b> 37'22                |                  | minimum elong            | -803 Mar 07 j 17:54       | 8° <b>)</b> € 54'22     |            |
| min. Earth dist.    | -804 Mar 29 j 04:57        |                                   | 0.56144 AU       | min. Earth dist.         | -803 Mar 10 j 21:56       |                         | 0.57811 AU |
| desc. node          | -804 Apr 01 j 13:15        | 24° <b>₭</b> 06'06                |                  | morning rise             | -803 Mar 15 j 11:53       | 3° <b>)</b> (46'45      |            |
| morning rise        | -804 Apr 04 j 05:05        | 22° <b>米</b> 59'11                |                  | desc. node               | -803 Mar 19 j 10:18       | 2° <b>)</b> (34'44      |            |
| direct              | -804 Apr 08 j 17:55        | 22° <b>米</b> 12'41                |                  | direct                   | -803 Mar 21 j 03:59       | 2° <b>¥</b> 27'12       |            |
| morning max el      | -804 Apr 22 j 19:56        | 29° <b>∺</b> 20'07                | 24°49'06         | morning max el           | -803 Apr 04 j 12:07       | 9° <b>¥</b> 59'05       | 26°17'12   |
|                     | -804 Apr 23 j 12:17        | 0° <b>Ƴ</b>                       |                  |                          | -803 Apr 19 j 18:19       | 0° <b>Υ</b>             |            |
|                     | -804 May 13 j 16:40        | $0$ $\circ$ 8                     |                  | morning set              | -803 May 03 j 04:30       | 25° <b>Y</b> 08'12      |            |
| morning set         | -804 May 18 j 17:12        | 10° <b>8</b> 10'55                |                  |                          | -803 May 05 j 11:24       | $9^{\circ}$ 8           |            |
| asc. node           | -804 May 19 j 07:41        | 11° <b>8</b> 27'22                |                  | asc. node                | -803 May 06 j 04:45       | 1° <b>8</b> 33'39       |            |
|                     |                            |                                   |                  |                          |                           |                         |            |
| superior conj       | -804 May 25 j 17:23        |                                   | 1°02'58          | superior conj            | -803 May 10 j 04:48       | 10° <b>8</b> 18'07      | 0°41'11    |
| minimum elong       | -804 May 25 j 15:04        | 25° <b>8</b> 05'37                | 1°02'34          | minimum elong            | -803 May 10 j 03:05       | 10° <b>8</b> 08'45      | 0°40'51    |
| max. Earth dist.    | -804 May 27 j 02:56        | 28° <b>8</b> 20'05                | 1.32983 AU       | max. Earth dist.         | -803 May 10 j 14:26       | 11° <b>8</b> 10'58      | 1.32501 AU |
|                     | -804 May 27 j 21:28        | $\Pi$ $\circ 0$                   |                  | evening rise             | -803 May 17 j 04:45       | 25° <b>8</b> 22'08      |            |
| evening rise        | -804 Jun 01 j 23:01        | 10° <b>Ⅱ</b> 38'47                |                  |                          | -803 May 19 j 10:55       | $\Pi$ °0                |            |
|                     | -804 Jun 12 j 04:37        | $0$ $\circ$ $\odot$               |                  |                          | -803 Jun 05 j 21:27       | $0$ $\circ$             |            |
| desc. node          | -804 Jun 28 j 12:34        | 24° <b>5</b> 07'38                |                  | desc. node               | -803 Jun 15 j 09:36       | 11° <b>©</b> 36'44      |            |
|                     | -804 Jul 03 j 20:53        | $0 ^{\circ} \Omega$               |                  | evening max el           | -803 Jun 16 j 17:30       | 12° <b>©</b> 55'18      | 26°53'33   |
| evening max el      | -804 Jul 04 j 13:07        | 0° <b>Ω</b> 39'18                 | 27°22'55         | retrograde               | -803 Jun 30 j 16:35       | 20°9512'34              |            |
| retrograde          | -804 Jul 18 j 07:33        | 7° <b>Ω</b> 58'18                 |                  | evening set              | -803 Jul 07 j 13:35       | 18° <b>5</b> 07'40      |            |
| evening set         | -804 Jul 25 j 12:18        | 5° <b>Ω</b> 26'37                 |                  | min. Earth dist.         | -803 Jul 11 j 07:13       | 15° <b>5</b> 27'31      | 0.60778 AU |
| min. Earth dist.    | -804 Jul 29 j 02:10        | 2° <b>Ω</b> 29'15                 | 0.62740 AU       | inferior conj            | -803 Jul 14 j 13:41       | 12° <b>5</b> 641'29     | -4°30'13   |
| inferior conj       | -804 Jul 31 j 22:55        | 29° <b>5</b> 43'37                | -3°58'57         | minimum elong            | -803 Jul 14 j 16:37       | 12° <b>©</b> 35'16      | 4°29'54    |
| minimum elong       | -804 Aug 01 j 03:21        | 29°532'53                         | 3°58'00          | morning rise             | -803 Jul 21 j 21:27       | 7° <b>©</b> 55'03       |            |
| -                   | -804 Jul 31 j 16:10        | 30°Rூ                             |                  | direct                   | -803 Jul 24 j 09:13       | 7° <b>5</b> 30'40       |            |
| morning rise        | -804 Aug 07 j 19:36        | 24° <b>©</b> 35'34                |                  | morning max el           | -803 Jul 31 j 13:44       | 11° <b>©</b> 02'37      | 18°05'15   |
| direct              | -804 Aug 10 j 08:27        | 24°506'03                         |                  | asc. node                | -803 Aug 02 j 03:57       | 12° <b>©</b> 43'45      |            |
| asc. node           | -804 Aug 15 j 06:52        | 25°959'44                         |                  |                          | -803 Aug 13 j 03:09       | $0^{\circ}\Omega$       |            |
| morning max el      | -804 Aug 17 j 00:49        | 27°531'10                         | 17°53'48         | morning set              | -803 Aug 16 j 11:49       | 6° <b>Ω</b> 13'02       |            |
|                     | -                          |                                   |                  |                          | -                         |                         |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 53 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: The | he year -900 in                 | astronomical cou | nting style is the year 9 | 901 BCE in historical cou | inting style.                         |            |
|---------------------|-------------------------------|---------------------------------|------------------|---------------------------|---------------------------|---------------------------------------|------------|
| superior conj       | -803 Aug 26 j 10:00           | 24° <b>Ω</b> 24'19              | 1°32'10          |                           | -802 Aug 05 j 06:14       | $0^{\circ}\Omega$                     |            |
| minimum elong       | -803 Aug 26 j 13:57           | 24° <b>Ω</b> 41'52              | 1°31'51          |                           |                           |                                       |            |
| _                   | -803 Aug 29 j 14:25           | 0° mp                           |                  | superior conj             | -802 Aug 08 j 23:43       | 7° <b>Ω</b> 04'54                     | 1°44'54    |
| max. Earth dist.    | -803 Sep 03 j 00:37           | 7° m 32'37                      | 1.41662 AU       | minimum elong             | -802 Aug 09 j 01:25       | 7° <b>Ω</b> 12'51                     | 1°44'50    |
| evening rise        | -803 Sep 08 j 15:17           | 16° Mp 44'45                    |                  | max. Earth dist.          | -802 Aug 16 j 04:42       | 20° <b>Ω</b> 09'35                    | 1.39707 AU |
| desc. node          | -803 Sep 11 j 08:56           | 21° m 05'54                     |                  | evening rise              | -802 Aug 20 j 08:49       | 27° <b>Ω</b> 19'52                    |            |
|                     | -803 Sep 17 j 03:09           | 0∘ <del>ত</del>                 |                  | Č                         | -802 Aug 21 j 23:08       | 0° m                                  |            |
|                     | -803 Oct 08 j 21:26           | 0°M                             |                  | desc. node                | -802 Aug 29 j 05:59       | 11° Mp 41'50                          |            |
| evening max el      | -803 Oct 11 j 22:02           | 3°M16'59                        | 22°34'13         |                           | -802 Sep 10 j 17:15       | 0∘ <b>⊽</b>                           |            |
| retrograde          | -803 Oct 21 j 16:10           | 9° <b>M</b> .05'00              |                  | evening max el            | -802 Sep 24 j 11:18       | 16° <b>≏</b> 48'21                    | 23°54'33   |
| evening set         | -803 Oct 26 j 07:11           | 7°M12'23                        |                  | retrograde                | -802 Oct 05 j 08:08       | 23° <b>♀</b> 12'16                    |            |
| asc. node           | -803 Oct 29 j 03:08           | 4° <b>M</b> ₊14'00              |                  | evening set               | -802 Oct 10 j 13:05       | 21° <b>≏</b> 01'30                    |            |
| inferior conj       | -803 Oct 31 j 15:19           | 0°M52'54                        | 0°51'25          | inferior conj             | -802 Oct 15 j 22:00       | 14° <b>≏</b> 40'03                    | -0°01'52   |
| minimum elong       | -803 Oct 31 j 14:08           | 0°M56'57                        | 0°50'54          | minimum elong             | -802 Oct 15 j 22:03       | 14° <b>£</b> 39'54                    |            |
| min. Earth dist.    | -803 Oct 31 j 12:31           | 1°ML02'34                       | 0.67614 AU       | transit middle            | -802 Oct 15 j 22:03       | 14° <b>≙</b> 39'54                    |            |
| min. Bartii digt.   | -803 Nov 01 j 06:39           | 30°R <b>≏</b>                   | 0.0701.110       | transit begin             | -802 Oct 15 j 19:21       | 14° <b>Ω</b> 49'05                    | 0 0102     |
| morning rise        | -803 Nov 05 j 20:59           | 24° <b>£</b> 41'06              |                  | transit end               | -802 Oct 16 j 00:45       | 14° <b>£</b> 30'43                    |            |
| direct              | -803 Nov 10 j 09:43           | 22° <b>♀</b> 50'23              |                  | min. Earth dist.          | -802 Oct 15 j 08:56       | 15° <b>£</b> 24'28                    | 0.67514 AU |
| morning max el      | -803 Nov 19 j 16:39           | 28° <b>♀</b> 19'54              | 22°06'27         | asc. node                 | -802 Oct 16 j 00:10       | 14° <b>⊆</b> 32'42                    | 0.07314710 |
| morning max ci      | -803 Nov 21 j 06:35           | 0°M                             | 22 00 27         | morning rise              | -802 Oct 21 j 06:58       | 8° <b>£</b> 32'40                     |            |
| desc. node          | -803 Dec 08 j 08:10           | 22°M46'52                       |                  | direct                    | -802 Oct 25 j 06:09       | 7° <b>⊆</b> 03'30                     |            |
| dese. Hode          | -803 Dec 13 j 03:59           | 0° <b>√</b>                     |                  | morning max el            | -802 Nov 02 j 11:07       | 11° <b>⊆</b> 50'27                    | 20°47'24   |
| morning set         | -803 Dec 22 j 13:59           | 14° <b>×</b> <sup>7</sup> 43'30 |                  | morning max ci            | -802 Nov 16 j 10:26       | 0°M                                   | 20 4/24    |
| max. Earth dist.    | -803 Dec 28 j 09:27           | 24° 🖈 16'09                     | 1.41114 AU       | desc. node                | -802 Nov 25 j 05:14       | 13°M04'44                             |            |
| max. Earth dist.    | -803 Dec 28 j 09:27           | 24 X 1009                       | 1.41114 AU       | morning set               | -802 Dec 01 j 17:21       | 23°M05'07                             |            |
|                     | -803 DCC 31 J 18.30           | 0 0                             |                  | morning set               |                           | 23 11 <b>c</b> 03 07<br>0° <b>x</b> 7 |            |
| avmariar aani       | 902 Ion 05:02:27              | 7° <b>ට</b> 38'11               | 2000120          | mov. Forth dist           | -802 Dec 06 j 02:54       |                                       | 1.42950 AU |
| superior conj       | -802 Jan 05 j 03:27           | 7°る38'48                        |                  | max. Earth dist.          | -802 Dec 10 j 14:16       | / <b>X</b> ·102/                      | 1.42930 AU |
| minimum elong       | -802 Jan 05 j 03:35           | 7°03848<br>26° <b>3</b> 37'29   | 2 00 38          |                           | 902 D 17:07:24            | 100.71607                             | 1052144    |
| evening rise        | -802 Jan 15 j 12:31           |                                 |                  | superior conj             | -802 Dec 17 j 07:34       | 18° <b>₹</b> 16'07                    |            |
| 1                   | -802 Jan 17 j 08:04           | 0°≈                             |                  | minimum elong             | -802 Dec 17 j 03:14       | 17° <b>₹</b> 57'55                    | 1°53′32    |
| asc. node           | -802 Jan 25 j 02:27           | 13°≈43'24                       | 10015111         |                           | -802 Dec 24 j 03:46       | 0°る                                   |            |
| evening max el      | -802 Jan 31 j 20:05           | 22°≈40'08                       | 18°15'11         | evening rise              | -802 Dec 29 j 05:58       | 8°る58'47                              |            |
| retrograde          | -802 Feb 07 j 21:15           | 26°≈11'38                       |                  | ,                         | -801 Jan 10 j 16:09       | 0° <b>≈</b>                           |            |
| evening set         | -802 Feb 10 j 11:00           | 25°≈44'23                       | 202011.5         | asc. node                 | -801 Jan 11 j 23:28       | 1°≈49'56                              | 10005155   |
| inferior conj       | -802 Feb 17 j 11:01           | 21°≈00'06                       | 3°39'17          | evening max el            | -801 Jan 15 j 07:28       | 5°≈46'43                              | 18°07'57   |
| minimum elong       | -802 Feb 17 j 13:24           | 20°≈54'52                       | 3°39'00          | retrograde                | -801 Jan 21 j 21:26       | 9°≈12'06                              |            |
| min. Earth dist.    | -802 Feb 20 j 19:53           | 18°≈04'08                       | 0.59844 AU       | evening set               | -801 Jan 24 j 15:29       | 8°≈35'49                              |            |
| morning rise        | -802 Feb 24 j 13:42           | 15°≈21'30                       |                  | inferior conj             | -801 Jan 31 j 02:23       | 3°≈30'29                              |            |
| direct              | -802 Mar 03 j 02:47           | 13°≈23'20                       |                  | minimum elong             | -801 Jan 31 j 02:26       | 3°≈30'22                              |            |
| desc. node          | -802 Mar 06 j 07:20           | 13°≈50'07                       |                  | min. Earth dist.          | -801 Feb 03 j 01:15       |                                       | 0.61908 AU |
| morning max el      | -802 Mar 17 j 09:29           | 21°≈08'14                       | 27°18'54         |                           | -801 Feb 03 j 15:29       | 30°Rる                                 |            |
|                     | -802 Mar 25 j 02:31           | 0° <b>∀</b>                     |                  | morning rise              | -801 Feb 06 j 12:11       | 27° <b>る</b> 37'31                    |            |
|                     | -802 Apr 12 j 14:20           | $0^{\circ}\Upsilon$             |                  | direct                    | -801 Feb 13 j 11:36       | 25° <b>る</b> 07'20                    |            |
| morning set         | -802 Apr 17 j 13:15           | 9° <b>Y</b> 56'13               |                  | desc. node                | -801 Feb 21 j 04:22       | 27° <b>る</b> 43'52                    |            |
| asc. node           | -802 Apr 23 j 01:47           | 21° <b>Y</b> 44'38              |                  |                           | -801 Feb 24 j 06:44       | 0° <b>≈</b>                           |            |
| max. Earth dist.    | -802 Apr 24 j 03:17           | 24° <b>Ƴ</b> 04'06              | 1.32381 AU       | morning max el            | -801 Feb 27 j 12:53       | 2°≈57'30                              | 27°45'38   |
|                     |                               | ••                              |                  |                           | -801 Mar 19 j 12:33       | 0° <b>∀</b>                           |            |
| superior conj       | -802 Apr 24 j 16:29           | 25° <b>Y</b> 16′27              |                  | morning set               | -801 Apr 01 j 17:29       | 24° <b>)</b> 28'04                    |            |
| minimum elong       | -802 Apr 24 j 15:43           | 25° <b>Y</b> 12'17              | 0°16'51          |                           | -801 Apr 04 j 09:33       | 0° <b>Υ</b>                           |            |
|                     | -802 Apr 26 j 20:13           | 0°8                             |                  | max. Earth dist.          | -801 Apr 07 j 13:45       | 6° <b>Ƴ</b> 46'33                     | 1.32632 AU |
| evening rise        | -802 May 01 j 14:22           | 10° <b>8</b> 15'09              |                  |                           |                           |                                       |            |
|                     | -802 May 11 j 18:51           | $\Pi^{\circ}0$                  |                  | superior conj             | -801 Apr 09 j 02:49       | 10° <b>Y</b> 07′29                    |            |
| evening max el      | -802 May 29 j 15:18           | 24° <b>Ⅱ</b> 26′29              | 25°52'40         | minimum elong             | -801 Apr 09 j 03:14       | 10° <b>Y</b> 09'42                    | 0°08'43    |
| desc. node          | -802 Jun 02 j 06:38           | 27° <b>Ⅱ</b> 33'06              |                  | behind sun begin          | -801 Apr 08 j 22:55       | 9° <b>Ƴ</b> 46'16                     |            |
|                     | -802 Jun 06 j 04:28           | $0$ $\circ$ $\odot$             |                  | behind sun end            | -801 Apr 09 j 07:32       | 10° <b>Ƴ</b> 33'09                    |            |
| retrograde          | -802 Jun 12 j 16:54           | 1° <b>©</b> 39'47               |                  | asc. node                 | -801 Apr 09 j 22:49       | 11° <b>Ƴ</b> 56'18                    |            |
| evening set         | -802 Jun 18 j 17:15           | 0°ഇ12'33                        |                  | evening rise              | -801 Apr 16 j 01:53       | 25° <b>Y</b> 10′51                    |            |
|                     | -802 Jun 19 j 03:33           | 30°RⅡ                           |                  |                           | -801 Apr 18 j 09:25       | 0°8                                   |            |
| min. Earth dist.    | -802 Jun 23 j 03:50           |                                 | 0.58718 AU       |                           | -801 May 06 j 10:51       | $\Pi$ °0                              |            |
| inferior conj       | -802 Jun 26 j 11:16           | 25° <b>Ⅱ</b> 06'00              |                  | evening max el            | -801 May 11 j 07:32       | 5° <b>Ⅱ</b> 19'38                     | 24°28'03   |
| minimum elong       | -802 Jun 26 j 10:43           | 25° <b>Ⅱ</b> 07'02              | 4°39'40          | desc. node                | -801 May 20 j 03:37       | 11° <b>Ⅱ</b> 22'01                    |            |
| morning rise        | -802 Jul 04 j 06:40           | 20° <b>Ⅱ</b> 41'47              |                  | retrograde                | -801 May 25 j 05:44       | 12° <b>Ⅱ</b> 21'13                    |            |
| direct              | -802 Jul 06 j 18:58           | 20° <b>Ⅲ</b> 21′02              |                  | evening set               | -801 May 29 j 22:24       | 11° <b>Ⅱ</b> 31'45                    |            |
| morning max el      | -802 Jul 14 j 21:00           | 24° <b>Ⅱ</b> 11'14              | 18°36'40         | min. Earth dist.          | -801 Jun 04 j 19:05       | 8° <b>Ⅱ</b> 34'33                     | 0.56858 AU |
|                     | -802 Jul 19 j 17:32           | $0$ $\circ$ $\odot$             |                  | inferior conj             | -801 Jun 07 j 12:59       | 6° <b>Ⅱ</b> 49'13                     |            |
| asc. node           | -802 Jul 20 j 01:00           | 0° <b>©</b> 26'57               |                  | minimum elong             | -801 Jun 07 j 07:58       | 6° <b>Ⅱ</b> 57'17                     | 4°14'30    |
| morning set         | -802 Jul 31 j 03:32           | 20° <b>©</b> 05'58              |                  | morning rise              | -801 Jun 15 j 20:23       | 2° <b>Ⅱ</b> 44'16                     |            |
|                     |                               |                                 |                  |                           |                           |                                       |            |

| •                      | omena or wiercury                          |   | •                | * *                      | 901 BCE in historical cou                  |  | ge 34       |
|------------------------|--|---|------------------|--------------------------|--|--|-------------|
| direct                 | -801 Jun 18 j 10:25                        | ne year -900 m<br>2° <b>∏</b> 25'57     | astronomicai cot | morning max el           | -800 Jun 09 j 07:43                        | 18° <b>8</b> 43'30                       | 20041147    |
|                        | -801 Jun 27 j 19:41                        | 6° <b>Π</b> 47'35                       | 19°28'54         | morning max er           |  | 0° <b>I</b>                              | 20 41 47    |
| morning max el         | ·  |   | 19-28-54         | 1-                       | -800 Jun 18 j 04:28                        | 0°Д<br>8°Д00'10                          |             |
| asc. node              | -801 Jul 06 j 22:04                        | 18° <b>Ⅱ</b> 56'09<br>0° <b>©</b>       |                  | asc. node                | -800 Jun 22 j 19:07                        | 8° <b>Д</b> 00 10<br>19° <b>Д</b> 04'31  |             |
|                        | -801 Jul 12 j 22:12                        |   |                  | morning set              | -800 Jun 28 j 10:00<br>-800 Jul 03 j 16:45 | 19 <b>ப</b> 0431                         |             |
| morning set            | -801 Jul 15 j 03:50                        | 4°925'34                                |                  |                          | -800 Jul 03 J 16:43                        | 0-98                                     |             |
| superior conj          | -801 Jul 23 j 05:51                        | 20°535'20                               | 1°47'27          | superior conj            | -800 Jul 05 j 23:42                        | 4°9642'23                                | 1°42'03     |
| minimum elong          | -801 Jul 23 j 05:31                        | 20°933'43                               | 1°47'27          | minimum elong            | -800 Jul 05 j 21:59                        | 4°933'38                                 | 1°41'57     |
| minimum clong          | -801 Jul 28 j 03:27                        | 0°Ω                                     | 1 4/2/           | max. Earth dist.         | -800 Jul 10 j 15:20                        | 14° <b>9</b> 01'04                       | 1.35937 AU  |
| max. Earth dist.       | -801 Jul 29 j 07:40                        | 2° <b>Ω</b> 11'26                       | 1.37727 AU       | evening rise             | -800 Jul 14 j 18:16                        | 21°953'34                                | 1.55757 710 |
| evening rise           | -801 Aug 02 j 03:08                        | 9° <b>Ω</b> 06'01                       | 1.57727 AO       | evening rise             | -800 Jul 19 j 05:36                        | 0°Ω                                      |             |
| evening rise           | -801 Aug 14 j 18:09                        | 0° <b>m</b>                             |                  | desc. node               | -800 Aug 01 j 23:59                        | 22° <b>Ω</b> 11'40                       |             |
| desc. node             | -801 Aug 16 j 03:00                        | 2° Mp 05'41                             |                  | dese. Hode               | -800 Aug 07 j 13:12                        | 0° m                                     |             |
| dese. node             | -801 Sep 06 j 13:23                        | 0∘ <b>ಹ</b>                             |                  | evening max el           | -800 Aug 19 j 10:25                        | 13° <b>m</b> ) 59'21                     | 26°17'11    |
| evening max el         | -801 Sep 06 j 22:52                        | ი° <b>ഫ</b> 23'30                       | 25°11'28         | retrograde               | -800 Sep 01 j 02:37                        | 21° m) 09'32                             | 20 17 11    |
| retrograde             | -801 Sep 18 j 19:48                        | 7° <b>£</b> 15'27                       | 20 11 20         | evening set              | -800 Sep 07 j 12:38                        | 18° <b>m</b> ) 28'42                     |             |
| evening set            | -801 Sep 24 j 15:33                        | 4° <b>£</b> 47'43                       |                  | min. Earth dist.         | -800 Sep 11 j 16:11                        |  | 0.66341 AU  |
| e renning see          | -801 Sep 28 j 22:36                        | 30°R, Mp                                |                  | inferior conj            | -800 Sep 13 j 03:35                        | 12° <b>m</b> ) 14'57                     |             |
| min. Earth dist.       | -801 Sep 29 j 02:58                        | 29° m 45'49                             | 0.67097 AU       | minimum elong            | -800 Sep 13 j 06:23                        | -  | 1°51'18     |
| inferior conj          | -801 Sep 30 j 02:42                        | 28° <b>m</b> ) 28'16                    |                  | asc. node                | -800 Sep 18 j 18:17                        | 6° Mp 34'49                              | 1 01 10     |
| minimum elong          | -801 Sep 30 j 04:07                        | 28° m 23'38                             | 0°56'27          | morning rise             | -800 Sep 19 j 00:26                        | 6° m/25'30                               |             |
| asc. node              | -801 Oct 02 j 21:13                        | 25° m 02'08                             |                  | direct                   | -800 Sep 22 j 02:31                        | 5° mp 31'10                              |             |
| morning rise           | -801 Oct 05 j 16:46                        | 22° m/28'16                             |                  | morning max el           | -800 Sep 28 j 22:07                        | 9° <b>m</b> )19'17                       | 18°49'07    |
| direct                 | -801 Oct 09 j 04:18                        | 21° mp 18'10                            |                  |                          | -800 Oct 13 j 14:59                        | 0∘ <b>⊽</b>                              |             |
| morning max el         | -801 Oct 16 j 13:12                        | 25° m 30'49                             | 19°40'46         | morning set              | -800 Oct 20 j 06:47                        | 10° <b>≏</b> 32'08                       |             |
| . 8                    | -801 Oct 20 j 10:29                        | 0∘ <del>⊽</del>                         |                  | desc. node               | -800 Oct 28 j 23:19                        | 24° <b>£</b> 15′21                       |             |
|                        | -801 Nov 09 j 18:38                        | 0° <b>M</b>                             |                  |                          | -800 Nov 01 j 14:58                        | 0° <b>M</b>                              |             |
| morning set            | -801 Nov 10 j 15:03                        | 1° <b>M</b> .19'01                      |                  | max. Earth dist.         | -800 Nov 04 j 20:24                        | 5°ML04'28                                | 1.44940 AU  |
| desc. node             | -801 Nov 12 j 02:17                        | 3°M35'36                                |                  |                          |  |  |             |
| max. Earth dist.       | -801 Nov 23 j 02:49                        | 20°M52'40                               | 1.44282 AU       | superior conj            | -800 Nov 05 j 12:48                        | 6° <b>M</b> .09'01                       | -0°47'58    |
|                        |  |   |                  | minimum elong            | -800 Nov 05 j 06:44                        | 5°M45'07                                 | 0°47'13     |
| superior conj          | -801 Nov 27 j 08:39                        | 27°M39'36                               | -1°29'18         |                          | -800 Nov 20 j 12:57                        | 0° <b>∡</b> ¹                            |             |
| minimum elong          | -801 Nov 27 j 00:44                        | 27° <b>M</b> 07'47                      | 1°28'33          | evening rise             | -800 Nov 21 j 03:28                        | 0° <b>∡</b> 158′20                       |             |
|                        | -801 Nov 28 j 19:27                        | 0° <b>∡</b> ¹                           |                  |                          | -800 Dec 10 j 02:26                        | 0° <b>ප</b>                              |             |
| evening rise           | -801 Dec 11 j 04:11                        | 20° <b>҂</b> 27'36                      |                  | evening max el           | -800 Dec 12 j 07:11                        | 2° <b>る</b> 29'26                        | 18°49'24    |
|                        | -801 Dec 16 j 19:48                        | 0°₹                                     |                  | asc. node                | -800 Dec 15 j 17:31                        | 5° <b>ਰ</b> 18'10                        |             |
| asc. node              | -801 Dec 29 j 20:29                        | 19° <b>ろ</b> 06'00                      |                  | retrograde               | -800 Dec 19 j 01:40                        | 6° <b>る</b> 18'31                        |             |
| evening max el         | -801 Dec 29 j 20:01                        | 19° <b>ろ</b> 04'48                      | 18°19'38         | evening set              | -800 Dec 22 j 05:40                        | 5° <b>る</b> 21'05                        |             |
| retrograde             | -800 Jan 05 j 08:13                        | 22° <b>る</b> 36'42                      |                  | inferior conj            | -800 Dec 27 j 23:33                        | 29° 🖈 38'23                              | 3°22'47     |
| evening set            | -800 Jan 08 j 06:44                        | 21°る50'26                               | 2045122          | minimum elong            | -800 Dec 27 j 20:55                        | 29° <b>х</b> 46′30                       | 3°22'14     |
| inferior conj          | -800 Jan 14 j 07:47                        | 16° <b>පි</b> 25'13                     |                  | ' P d F                  | -800 Dec 27 j 16:30                        | 30°R.✓                                   | 0.65064.444 |
| minimum elong          | -800 Jan 14 j 06:04                        | 16° <b>る</b> 30'01                      | 3°45'12          | min. Earth dist.         | -800 Dec 29 j 16:28                        | 27° 🖈 33'00                              | 0.65264 AU  |
| min. Earth dist.       | -800 Jan 16 j 15:56                        | 13° <b>る</b> 47'56                      | 0.63759 AU       | morning rise             | -799 Jan 02 j 11:50                        | 23°×730'00                               |             |
| morning rise<br>direct | -800 Jan 20 j 04:48<br>-800 Jan 27 j 04:09 | 10°る23'03<br>7°る34'44                   |                  | direct<br>morning max el | -799 Jan 09 j 03:25<br>-799 Jan 22 j 06:27 | 20° <b>₹</b> 38′22<br>28° <b>₹</b> 17′39 | 26°53'08    |
| desc. node             | -800 Jan 27 J 04:09<br>-800 Feb 08 j 01:25 | 13° <b>ठ</b> 40'35                      |                  | morning max er           | -799 Jan 23 j 21:59                        | 28 <b>メ</b> ・1739                        | 20 33 08    |
| morning max el         | -800 Feb 08 j 01:23                        | 15° <b>る</b> 23'41                      | 27°35'43         | desc. node               | -799 Jan 24 j 22:29                        | 0 8<br>1° <b>8</b> 06'46                 |             |
| morning max ci         | -800 Feb 21 j 20:39                        | 0°≈                                     | 27 33 43         | desc. Hode               | -799 Feb 14 j 14:46                        | 0°≈                                      |             |
|                        | -800 Mar 11 j 04:02                        | 0° <b>∺</b>                             |                  | morning set              | -799 Feb 27 j 01:42                        | 0 ≈<br>22°≈05'50                         |             |
| morning set            | -800 Mar 15 j 14:43                        | 8° <b>)</b> 34′29                       |                  | morning sec              | -799 Mar 03 j 02:24                        | 0° <b>∀</b>                              |             |
| max. Earth dist.       | -800 Mar 20 j 17:52                        |   | 1.33280 AU       | max. Earth dist.         | -799 Mar 03 j 12:04                        |  | 1.34365 AU  |
|                        |  | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                  |                          | ,,,, <b></b> ve j -=.v .                   | * /                                      |             |
| superior conj          | -800 Mar 23 j 09:58                        | 24° <b>)</b> 43′58                      | -0°35'19         | superior conj            | -799 Mar 07 j 11:54                        | 8° <b>¥</b> 59'51                        | -1°01'22    |
| minimum elong          | -800 Mar 23 j 11:38                        | 24° <b>ℋ</b> 52'54                      | 0°34'58          | minimum elong            | -799 Mar 07 j 14:45                        | 9° <b>∺</b> 14'39                        | 1°00'53     |
|                        | -800 Mar 25 j 20:50                        | $0^{\circ}\mathbf{\Upsilon}$            |                  | asc. node                | -799 Mar 13 j 16:52                        | 22° <b>ℋ</b> 02'50                       |             |
| asc. node              | -800 Mar 26 j 19:50                        | 2° <b>Y</b> 03'42                       |                  | evening rise             | -799 Mar 14 j 23:17                        | 24° <b>)</b> 41′40                       |             |
| evening rise           | -800 Mar 30 j 13:27                        | 10° <b>Ƴ</b> 01'40                      |                  |                          | -799 Mar 17 j 13:27                        | $0$ ° $\Upsilon$                         |             |
|                        | -800 Apr 09 j 23:26                        | $9^{\circ}$ 8                           |                  | evening max el           | -799 Apr 03 j 20:02                        | 26° <b>Ƴ</b> 43′08                       | 21°22'12    |
| evening max el         | -800 Apr 21 j 22:48                        | 15° <b>8</b> 55'15                      | 22°53'09         |                          | -799 Apr 07 j 21:56                        | $9^{\circ}$ 8                            |             |
| retrograde             | -800 May 05 j 05:40                        | 22° <b>8</b> 29'58                      |                  | retrograde               | -799 Apr 15 j 20:21                        | 2° <b>8</b> 32'56                        |             |
| desc. node             | -800 May 06 j 00:36                        | 22° <b>8</b> 28'34                      |                  | evening set              | -799 Apr 18 j 05:46                        | 2° <b>8</b> 19'48                        |             |
| evening set            | -800 May 08 j 13:04                        | 22° <b>8</b> 06'00                      |                  | desc. node               | -799 Apr 22 j 21:38                        | 0° <b>8</b> 47'59                        |             |
| min. Earth dist.       | -800 May 16 j 07:56                        | 18° <b>8</b> 40'12                      | 0.55525 AU       |                          | -799 Apr 24 j 13:03                        | 30° <b>₹</b> Υ                           |             |
| inferior conj          | -800 May 17 j 19:32                        | 17° <b>8</b> 48'56                      |                  | inferior conj            | -799 Apr 27 j 14:40                        | 28° <b>Y</b> 19'27                       |             |
| minimum elong          | -800 May 17 j 12:33                        | 17° <b>8</b> 59'01                      | 3°05'07          | minimum elong            | -799 Apr 27 j 10:55                        | 28° <b>Y</b> 24'43                       | 1°18'43     |
| morning rise           | -800 May 26 j 14:22                        | 13° <b>8</b> 54'32                      |                  | min. Earth dist.         | -799 Apr 27 j 20:54                        | 28° <b>Y</b> 10'42                       | 0.55018 AU  |
| direct                 | -800 May 29 j 07:43                        | 13° <b>8</b> 37'04                      |                  | morning rise             | -799 May 06 j 16:28                        | 24° <b>Ƴ</b> 18'31                       |             |

| •                                       | mena or Mercury     |  | •                  | * *                               |                           |  | ge 33                 |
|---|---------------------|--|--------------------|-----------------------------------|---------------------------|--|-----------------------|
|   |                     | -                                      | astronomicai coun  |                                   | 001 BCE in historical cou | ·  | 0.55470 ATT           |
| direct                                  | -799 May 09 j 18:27 | 23° <b>Y</b> 57'51                     |                    | min. Earth dist.                  | -798 Apr 09 j 11:06       |  | 0.55470 AU            |
|   | -799 May 22 j 10:12 | 0°8                                    |                    | desc. node                        | -798 Apr 09 j 18:41       | 7° <b>Y</b> 29'12                        |                       |
| morning max el                          | -799 May 22 j 08:59 | 29° <b>Y</b> 57'11                     | 22°12'10           | morning rise                      | -798 Apr 16 j 11:14       | 4° <b>Y</b> 24'27                        |                       |
| asc. node                               | -799 Jun 09 j 16:10 | 27° <b>8</b> 29'55                     |                    | direct                            | -798 Apr 20 j 08:41       | 3° <b>Y</b> 51′09                        |                       |
|   | -799 Jun 10 j 22:00 | $\Pi$ $^{\circ}0$                      |                    | morning max el                    | -798 May 04 j 02:22       | 10° <b>Ƴ</b> 38'50                       | 23°52'10              |
| morning set                             | -799 Jun 12 j 19:51 | 3° <b>Ⅱ</b> 56′02                      |                    |                                   | -798 May 18 j 12:13       | $9^{\circ}$ 8                            |                       |
|   |                     |  |                    | asc. node                         | -798 May 27 j 13:14       | 17° <b>8</b> 18'30                       |                       |
| superior conj                           | -799 Jun 20 j 01:39 | 19° <b>Ⅱ</b> 14'46                     | 1°30'28            | morning set                       | -798 May 28 j 07:36       | 18° <b>8</b> 54'37                       |                       |
| minimum elong                           | -799 Jun 19 j 23:15 | 19° <b>Ⅱ</b> 02'05                     | 1°30'13            | 3                                 | -798 Jun 02 j 11:49       | 0°II                                     |                       |
| max. Earth dist.                        | -799 Jun 23 j 07:43 | 26° <b>∏</b> 01'04                     | 1.34480 AU         |                                   | 790 July 02 j 11.19       | V <b>A</b>                               |                       |
| max. Earth dist.                        | -799 Jun 25 j 06:44 | 0°95                                   | 1.54460 AU         | superior conj                     | -798 Jun 04 i 09:00       | 4° <b>Ⅱ</b> 03'56                        | 1°14'08               |
|   |                     |  |                    | 1 3                               | ,                         |  |                       |
| evening rise                            | -799 Jun 28 j 01:13 | 5°9528'44                              |                    | minimum elong                     | -798 Jun 04 j 06:29       |  | 1°13'46               |
|   | -799 Jul 11 j 22:21 | $0$ $^{\circ}\Omega$                   |                    | max. Earth dist.                  | -798 Jun 06 j 09:26       | 8° <b>Ⅱ</b> 23'31                        | 1.33413 AU            |
| desc. node                              | -799 Jul 19 j 20:59 | 11° <b>Ω</b> 51'31                     |                    | evening rise                      | -798 Jun 11 j 19:43       | 19° <b>Ⅲ</b> 39'18                       |                       |
| evening max el                          | -799 Aug 01 j 22:06 | 27° <b>Ω</b> 27'49                     | 27°04'00           |                                   | -798 Jun 17 j 03:55       | $0$ $\circ$ $\odot$                      |                       |
|   | -799 Aug 04 j 18:14 | 0° <b>m</b> ⁄                          |                    |                                   | -798 Jul 06 j 01:18       | $\Omega^{\circ}\Omega$                   |                       |
| retrograde                              | -799 Aug 15 j 04:15 | 4° ₩ 46'58                             |                    | desc. node                        | -798 Jul 06 j 18:00       | 0° <b>Ω</b> 54'11                        |                       |
| evening set                             | -799 Aug 22 j 01:57 | 2° m/00'25                             |                    | evening max el                    | -798 Jul 15 i 08:54       | 10° <b>Ω</b> 38'27                       | 27°24'53              |
| 5 · • · · · · · · · · · · · · · · · · · | -799 Aug 24 j 06:25 | 30°R <b>Ω</b>                          |                    | retrograde                        | -798 Jul 29 j 00:13       | 17° <b>Ω</b> 59'16                       |                       |
| min. Earth dist.                        | -799 Aug 25 j 22:19 |  | 0.65225 AU         | evening set                       | -798 Aug 05 j 04:27       | 15° <b>Ω</b> 18'20                       |                       |
|   |                     |  |                    | -                                 |                           |  | 0.62742.411           |
| inferior conj                           | -799 Aug 27 j 22:31 | 25° <b>Ω</b> 55'55                     |                    | min. Earth dist.                  | -798 Aug 08 j 19:31       |  | 0.63742 AU            |
| minimum elong                           | -799 Aug 28 j 02:29 | 25° <b>Ω</b> 44'35                     | 2°44'35            | inferior conj                     | -798 Aug 11 j 09:01       | 9° <b>Ω</b> 26′20                        |                       |
| morning rise                            | -799 Sep 03 j 03:40 | 20° <b>Ω</b> 20′05                     |                    | minimum elong                     | -798 Aug 11 j 13:35       | 9° <b>Ω</b> 14'31                        | 3°33'29               |
| direct                                  | -799 Sep 05 j 22:36 | 19° <b>Ω</b> 37'58                     |                    | morning rise                      | -798 Aug 17 j 23:43       | 4° <b>Ω</b> 07'13                        |                       |
| asc. node                               | -799 Sep 05 j 15:22 | 19° <b>Ω</b> 38′28                     |                    | direct                            | -798 Aug 20 j 14:00       | 3° <b>Ω</b> 34′00                        |                       |
| morning max el                          | -799 Sep 12 j 11:43 | 23° <b>Ω</b> 10'48                     | 18°13'48           | asc. node                         | -798 Aug 23 j 12:26       | 4° <b>Ω</b> 16'57                        |                       |
| C                                       | -799 Sep 17 j 22:09 | 0° <b>m</b> )                          |                    | morning max el                    | -798 Aug 27 j 03:17       | 6° <b>Ω</b> 59'49                        | 17°55'49              |
| morning set                             | -799 Oct 01 j 02:37 | 21° m 08'06                            |                    | <i>3</i>                          | -798 Sep 11 j 07:08       | 0° m                                     |                       |
| morning sec                             | -799 Oct 06 j 12:18 | 0∘ <b>⊽</b>                            |                    | morning set                       | -798 Sep 13 j 00:42       | 2° m/ 59'53                              |                       |
|   | 777 OCT 00 J 12.10  | ° <b>–</b>                             |                    | morning set                       | 770 Sep 13 j 00.42        | 2 11/3733                                |                       |
|   | 700.0 4 15 15.02    | 140 0 20155                            | 0001130            |                                   | 700 G 25 : 12 00          | 2.40 m. 0710 f                           | 0047122               |
| superior conj                           | -799 Oct 15 j 15:02 | 14° <b>Ω</b> 38'55                     | 0°01'28            | superior conj                     | -798 Sep 25 j 12:09       | 24° m 07'05                              | 0°46'23               |
| minimum elong                           | -799 Oct 15 j 15:13 | 14° <b>≏</b> 39'36                     | 0°01'26            | minimum elong                     | -798 Sep 25 j 16:43       | 24° <b>m</b> 25'51                       | 0°45'47               |
| behind sun begin                        | -799 Oct 15 j 04:15 | 13° <b>≏</b> 56′06                     |                    |                                   | -798 Sep 29 j 02:50       | 0∘ <b>ರ</b>                              |                       |
| behind sun end                          | -799 Oct 16 j 02:10 | 15° <b>≏</b> 23'03                     |                    | max. Earth dist.                  | -798 Oct 01 j 07:43       | 3° <b>₽</b> 32'24                        | 1.44073 AU            |
| desc. node                              | -799 Oct 15 j 20:21 | 15° <b>≏</b> 00'01                     |                    | desc. node                        | -798 Oct 02 j 17:22       | 5° <b>≏</b> 46'32                        |                       |
| max. Earth dist.                        | -799 Oct 18 j 15:03 | 19° <b>≏</b> 23'39                     | 1.44860 AU         | evening rise                      | -798 Oct 11 j 11:18       | 19° <b>≏</b> 27'24                       |                       |
|   | -799 Oct 25 j 09:19 | 0°M                                    |                    | •                                 | -798 Oct 18 j 08:57       | o° <b>m</b> ₊                            |                       |
| evening rise                            | -799 Nov 01 j 03:12 | 10°M31'05                              |                    | evening max el                    | -798 Nov 08 j 17:05       | 29°M24'07                                | 20°37'00              |
| greatest brilliancy                     | -799 Nov 13 j 05:30 | 29°M11'52                              | 0.7m               | evening max er                    | -798 Nov 09 j 07:21       | 0° <b>₹</b>                              | 20 37 00              |
| greatest billiancy                      | -                   | 29 الق11 32<br>0° الع                  | -0.7111            |                                   |                           |  |                       |
|   | -799 Nov 13 j 18:15 |  | 10025156           | retrograde                        | -798 Nov 16 j 20:05       | 4° <b>∡</b> 12'08                        |                       |
| evening max el                          | -799 Nov 25 j 14:43 | 15° <b>₹</b> 56'21                     | 19°35'56           | asc. node                         | -798 Nov 19 j 11:39       | 3° <b>∡</b> ³32′04                       |                       |
| retrograde                              | -799 Dec 02 j 22:29 | 20° <b>∡</b> 11'30                     |                    | evening set                       | -798 Nov 20 j 16:26       | 2° <b>∡</b> ¹46′56                       |                       |
| asc. node                               | -799 Dec 02 j 14:35 | 20° <b>∡</b> 10'54                     |                    |                                   | -798 Nov 23 j 12:19       | 30°RM₊                                   |                       |
| evening set                             | -799 Dec 06 j 09:38 | 19° <b>∡</b> *01'15                    |                    | inferior conj                     | -798 Nov 26 j 02:17       | 26°M38'32                                | 2°07'57               |
| inferior conj                           | -799 Dec 11 j 22:35 | 13° <b>₹</b> ′04'03                    | 2°49'21            | minimum elong                     | -798 Nov 25 j 23:46       | 26°M47'07                                | 2°07'03               |
| minimum elong                           | -799 Dec 11 j 19:43 | 13° <b>∡</b> 13′25                     | 2°48'32            | min. Earth dist.                  | -798 Nov 26 j 16:45       | 25°M49'21                                | 0.67131 AU            |
| min. Earth dist.                        | -799 Dec 13 j 01:28 | 11° <b>∡</b> 36′09                     | 0.66382 AU         | morning rise                      | -798 Dec 01 j 06:53       | 20°M24'44                                |                       |
| morning rise                            | -799 Dec 17 j 05:34 | 6° <b>₹</b> 751'51                     |                    | direct                            | -798 Dec 06 j 19:26       | 17°ML59'13                               |                       |
| direct                                  | -799 Dec 23 j 08:47 | 4° <b>×</b> 09'04                      |                    | morning max el                    | -798 Dec 18 j 00:09       | 24°M40'01                                | 24°23'13              |
| morning max el                          | -798 Jan 04 j 15:47 | 11° <b>×</b> <sup>7</sup> 26'13        | 25045145           | orming mun Ci                     | -798 Dec 22 j 19:35       | 0°×7                                     | 2. 23.13              |
| =                                       | -                   |  | 23 43 43           |                                   |                           |  |                       |
| desc. node                              | -798 Jan 11 j 19:33 | 19° <b>∡</b> ³35'55                    |                    | desc. node                        | -798 Dec 29 j 16:36       | 8° <b>∡</b> 749'31                       |                       |
|   | -798 Jan 19 j 13:00 | 0° <b>ප</b>                            |                    |                                   | -797 Jan 13 j 00:31       | 0°₹                                      |                       |
|   | -798 Feb 07 j 06:03 | 0° <b>≈</b>                            |                    | morning set                       | -797 Jan 22 j 22:07       | 16° <b>පි</b> 28'12                      |                       |
| morning set                             | -798 Feb 09 j 22:07 | 4° <b>≈</b> 49'25                      |                    | max. Earth dist.                  | -797 Jan 26 j 15:11       | 23° <b>る</b> 03'36                       | 1.37816 AU            |
| max. Earth dist.                        | -798 Feb 13 j 18:18 | 12° <b>≈</b> 01'01                     | 1.35896 AU         |                                   | -797 Jan 30 j 09:39       | 0° <b>≈</b>                              |                       |
|   | -                   |  |                    |                                   | •                         |  |                       |
| superior conj                           | -798 Feb 19 j 06:06 | 22° <b>≈</b> 47'57                     | -1°25'27           | superior conj                     | -797 Feb 02 j 13:07       | 5°≈58'26                                 | -1°45'21              |
| minimum elong                           | -798 Feb 19 j 09:43 | 23° <b>≈</b> 06'08                     | 1°24'57            | minimum elong                     | -797 Feb 02 j 16:39       |  | 1°45'02               |
|   | -798 Feb 22 j 19:07 | 0° <b>∀</b>                            |                    | evening rise                      | -797 Feb 11 j 05:23       | 23°≈03'29                                | 1 .5 02               |
| avaning rise                            | ·                   | 9° <b>)</b> 04'46                      |                    | evening 1150                      | •                         | 23 <b>≈</b> 03 29                        |                       |
| evening rise                            | -798 Feb 27 j 05:24 |  |                    | 1                                 | -797 Feb 14 j 18:42       |  |                       |
| asc. node                               | -798 Feb 28 j 13:55 | 11° <b>)</b> (49'23                    |                    | asc. node                         | -797 Feb 15 j 10:58       | 1° <b>)</b> 17′26                        |                       |
|   | -798 Mar 10 j 15:32 | 0° <b>Υ</b>                            |                    | evening max el                    | -797 Feb 27 j 22:48       | 20° <b>)</b> €04'45                      | 19°06'45              |
| evening max el                          | -798 Mar 17 j 03:57 | 8° <b>Y</b> 05'03                      | 20°05'14           | retrograde                        | -797 Mar 08 j 15:41       | 24° <b>∺</b> 15'39                       |                       |
| retrograde                              | -798 Mar 27 j 11:44 | 13° <b>Y</b> ′01'40                    |                    | evening set                       | -797 Mar 10 j 22:04       | 23° <b>)</b> 59′52                       |                       |
| evening set                             | -798 Mar 29 j 14:59 | 12° <b>Y</b> 49'54                     |                    | inferior conj                     | -797 Mar 19 j 01:18       | 19° <b>)</b> 47′32                       | 2°16'07               |
|   | J                   |  |                    |                                   | J                         |  |                       |
| inferior conj                           | -798 Apr 07 j 12:26 | 8° <b>Y</b> 50'31                      | 0°38'17            | minimum elong                     | -797 Mar 19 j 05:44       | 19° <b>)</b> 39′55                       | 2°14'52               |
| inferior conj<br>minimum elong          | -                   | 8° <b>Υ</b> 50'31<br>8° <b>Υ</b> 47'58 | 0°38'17<br>0°37'42 | minimum elong<br>min. Earth dist. |                           | 19° <b>米</b> 39'55<br>17° <b>米</b> 42'11 | 2°14'52<br>0.56784 AU |

| •                              | vicel year style is used: The                                     |  | •                 | * *   |   |  | ge 30              |
|--------------------------------|---|--|-------------------|---|---|--|--------------------|
|                                | nical year style is used: Th                                      | 14° <b>)</b> 49′08                                       | astronomical coul | min. Earth dist.                              |   | 28° <b>≈</b> 39'07                       | 0.58660 AU         |
| morning rise                   | -797 Mar 27 j 10:26   | 14° <b>)</b> (49'08                                      |                   |   | -796 Mar 02 j 21:09   |  | 0.38000 AU         |
| desc. node                     | -797 Mar 27 j 15:44   |  |                   | morning rise                                  | -796 Mar 07 j 00:49   | 25°≈56'49                                |                    |
| direct                         | -797 Apr 01 j 11:22   | 13° <b>)</b> (49'35                                      | 25920157          | direct  | -796 Mar 13 j 03:12   | 24°≈20'47                                |                    |
| morning max el                 | -797 Apr 15 j 17:03   | 21° <b>)</b> €09'41<br>0° <b>°</b>                       | 25-28-57          | desc. node                                    | -796 Mar 13 j 12:47   | 24°≈21'12                                |                    |
|                                | -797 Apr 23 j 08:50   |  |                   |   | -796 Mar 25 j 07:22   | 0° <b>)</b> {                            | 26047110           |
|                                | -797 May 10 j 22:35   | 0°8  |                   | morning max el                                | -796 Mar 27 j 10:54   | 1° <b>¥</b> 58'25<br>0° <b>Υ</b>         | 26°4/18            |
| morning set                    | -797 May 12 j 19:30   | 3° <b>8</b> 53'27  |                   | . ,   | -796 Apr 16 j 13:18   |  |                    |
| asc. node                      | -797 May 14 j 10:17   | 7° <b>8</b> 19'20  |                   | morning set                                   | -796 Apr 26 j 05:54   | 18° <b>Ƴ</b> 47'01<br>27° <b>Ƴ</b> 27'44 |                    |
|                                | 707.14 10:10.25   | 100 401117   | 005405            | asc. node                                     | -796 Apr 30 j 07:19   |  |                    |
| superior conj                  | -797 May 19 j 19:25   | 19° <b>8</b> 01'17                                       | 0°54'05           |   | -796 May 01 j 11:14   | 0°B                                      |                    |
| minimum elong                  | -797 May 19 j 17:18   | 18° <b>8</b> 49'44                                       |                   |   | 70634 02:07.07  | 40 2000                                  | 0021110            |
| max. Earth dist.               | -797 May 20 j 18:19   | 21° <b>8</b> 06'11                                       | 1.32731 AU        | superior conj                                 | -796 May 03 j 07:07   | 4° <b>8</b> 00'36                        | 0°31'10            |
|                                | -797 May 24 j 21:38   | 0°П  |                   | minimum elong                                 | -796 May 03 j 05:46   | 3° <b>8</b> 53'15                        |                    |
| evening rise                   | -797 May 26 j 22:08   | 4° <b>Ⅱ</b> 13'05  |                   | max. Earth dist.                              | -796 May 03 j 06:57   | 3° <b>8</b> 59'42                        | 1.32413 AU         |
|                                | -797 Jun 09 j 21:18   | 0.20<br>0.20   |                   | evening rise                                  | -796 May 10 j 05:46   | 19° <b>8</b> 01'12                       |                    |
| desc. node                     | -797 Jun 23 j 15:02   | 19°503'10  | 0.001.410.6       |   | -796 May 15 j 16:40   | 0°II                                     |                    |
| evening max el                 | -797 Jun 27 j 16:33   | 23° <b>©</b> 17'52                                       | 27°14'36          |   | -796 Jun 03 j 20:54   | 0°€                                      |                    |
|                                | -797 Jul 07 j 20:15   | $0$ $\circ$ $\Omega$                                     |                   | evening max el                                | -796 Jun 08 j 18:24   | 5° <b>©</b> 14'57                        | 26°31'12           |
| retrograde                     | -797 Jul 11 j 13:30   | 0° <b>Ω</b> 36′12  |                   | desc. node                                    | -796 Jun 09 j 12:03   | 5° <b>©</b> 56'10                        |                    |
|                                | -797 Jul 15 j 03:50   | 30° <b>₹</b> 5   |                   | retrograde                                    | -796 Jun 22 j 18:37   | 12° <b>©</b> 29'57                       |                    |
| evening set                    | -797 Jul 18 j 16:09   | 28° <b>©</b> 14'36                                       |                   | evening set                                   | -796 Jun 29 j 08:32   | 10° <b>©</b> 40'26                       |                    |
| min. Earth dist.               | -797 Jul 22 j 06:33   | 25° <b>5</b> 26'07                                       |                   | min. Earth dist.                              | -796 Jul 03 j 07:38   | 8° <b>©</b> 02'16                        | 0.59901 AU         |
| inferior conj                  | -797 Jul 25 j 07:57   | 22° <b>©</b> 38'15                                       |                   | inferior conj                                 | -796 Jul 06 j 15:47   | 5° <b>5</b> 22'32                        |                    |
| minimum elong                  | -797 Jul 25 j 11:58   | 22° <b>5</b> 29'01                                       | 4°13'36           | minimum elong                                 | -796 Jul 06 j 17:28   | 5° <b>©</b> 19'10                        | 4°37'30            |
| morning rise                   | -797 Aug 01 j 09:14   | 17° <b>©</b> 38'51                                       |                   | morning rise                                  | -796 Jul 14 j 04:24   | 0° <b>©</b> 45'19                        |                    |
| direct                         | -797 Aug 03 j 21:18   | 17° <b>©</b> 11'46                                       |                   | direct  | -796 Jul 16 j 16:22   | 0° <b>ട്</b> 22'29                       |                    |
| asc. node                      | -797 Aug 10 j 09:30   | 20° <b>©</b> 18'50                                       |                   | morning max el                                | -796 Jul 24 j 04:40   | 4° <b>©</b> 00'35                        | 18°16'08           |
| morning max el                 | -797 Aug 10 j 17:55   | 20° <b>©</b> 38'58                                       | 17°56'15          | asc. node                                     | -796 Jul 27 j 06:33   | 7° <b>5</b> 28'59                        |                    |
|                                | -797 Aug 17 j 18:13   | $0 {\circ} \Omega$                                       |                   | morning set                                   | -796 Aug 09 j 04:19   | 29° <b>5</b> 23'23                       |                    |
| morning set                    | -797 Aug 26 j 19:08   | 15° <b>Ω</b> 50′10                                       |                   |   | -796 Aug 09 j 12:03   | $0^{\circ}\Omega$                        |                    |
|                                | -797 Sep 03 j 16:37   | 0° <b>m</b> y  |                   |   |   |  |                    |
|                                |   |  |                   | superior conj                                 | -796 Aug 18 j 14:17   | 17° <b>Ω</b> 00′08                       | 1°38'59            |
| superior conj                  | -797 Sep 06 j 12:36   | 4° Mp 56′10  | 1°19'18           | minimum elong                                 | -796 Aug 18 j 17:18   | 17° <b>Ω</b> 13'52                       | 1°38'47            |
| minimum elong                  | -797 Sep 06 j 17:31   | 5° Mp 17′19  | 1°18'48           |   | -796 Aug 25 j 23:05   | 0° <b>m</b> ∕                            |                    |
| max. Earth dist.               | -797 Sep 13 j 20:27   | 17° <b>m</b> 16'03                                       | 1.42675 AU        | max. Earth dist.                              | -796 Aug 26 j 03:51   | 0° <b>m</b> 20′23                        | 1.40850 AU         |
| desc. node                     | -797 Sep 19 j 14:25   | 26° Mp 31'53   |                   | evening rise                                  | -796 Aug 31 j 00:03   | 8° <b>m</b> ) 25'54                      |                    |
| evening rise                   | -797 Sep 20 j 20:44   | 28° Mp 31'30   |                   | desc. node                                    | -796 Sep 05 j 11:26   | 17° <b>m</b> y 12'10                     |                    |
|                                | -797 Sep 21 j 19:19   | 0∘ <b>⊽</b>  |                   |   | -796 Sep 13 j 21:42   | 0∘ <b>ত</b>                              |                    |
|                                | -797 Oct 12 j 02:40   | 0° <b>M</b>  |                   | evening max el                                | -796 Oct 04 j 05:03   | 26° <b>≏</b> 22'17                       | 23°08'23           |
| evening max el                 | -797 Oct 22 j 13:41   | 12° <b>M</b> 52'45                                       | 21°49'20          |   | -796 Oct 08 j 08:27   | 0° <b>M</b> .                            |                    |
| retrograde                     | -797 Oct 31 j 16:32   | 18° <b>™</b> 17'58                                       |                   | retrograde                                    | -796 Oct 14 j 10:22   | 2°M25'38                                 |                    |
| evening set                    | -797 Nov 05 j 00:13   | 16° <b>™</b> 35'48                                       |                   | evening set                                   | -796 Oct 19 j 07:17   | 0°M25'07                                 |                    |
| asc. node                      | -797 Nov 06 j 08:42   | 15° <b>™</b> 21′20                                       |                   |   | -796 Oct 19 j 18:42   | 30° <b>₽</b> Ω                           |                    |
| inferior conj                  | -797 Nov 10 j 08:35   | 10° <b>M</b> ₊19'31                                      | 1°20'40           | asc. node                                     | -796 Oct 23 j 05:45   | 25° <b>≙</b> 59'49                       |                    |
| minimum elong                  | -797 Nov 10 j 06:49   | 10°M25'36  | 1°19'57           | inferior conj                                 | -796 Oct 24 j 15:35   | 24° <b>≙</b> 04'31                       | 0°29'07            |
| min. Earth dist.               | -797 Nov 10 j 11:52   | 10°ML08'10   | 0.67534 AU        | minimum elong                                 | -796 Oct 24 j 14:54   | 24° <b>≙</b> 06'52                       | 0°28'49            |
| morning rise                   | -797 Nov 15 j 13:15   | 4° <b>M</b> L06'27                                       |                   | min. Earth dist.                              | -796 Oct 24 j 08:23   | 24° <b>₽</b> 29'17                       | 0.67612 AU         |
| direct                         | -797 Nov 20 j 10:36   | 2°M02'34   |                   | morning rise                                  | -796 Oct 29 j 22:27   | 17° <b>≏</b> 54'32                       |                    |
| morning max el                 | -797 Nov 30 j 09:51   | 7° <b>M</b> 58′03  | 22°55'39          | direct  | -796 Nov 03 j 05:16   | 16° <b>≙</b> 13'13                       |                    |
| desc. node                     | -797 Dec 16 j 13:39   | 28°M34'56  |                   | morning max el                                | -796 Nov 12 j 00:24   | 21° <b>≏</b> 23'14                       | 21°31'39           |
|                                | -797 Dec 17 j 13:14   | 0° <b>∡</b> 7  |                   |   | -796 Nov 19 j 06:41   | 0° <b>M</b> .                            |                    |
| morning set                    | -796 Jan 03 j 19:31   | 26° <b>∡</b> ¹46'38                                      |                   | desc. node                                    | -796 Dec 02 j 10:41   | 18° <b>M</b> ₊42'39                      |                    |
|                                | -796 Jan 05 j 17:53   | 0° <b>ට</b>  |                   |   | -796 Dec 09 j 20:33   | 0° <b>∡</b> ¹                            |                    |
| max. Earth dist.               | -796 Jan 08 j 10:42   | 4° <b>る</b> 35'25  | 1.39931 AU        | morning set                                   | -796 Dec 13 j 11:57   | 5° <b>∡</b> ¹42'33                       |                    |
|                                | J   |  |                   | max. Earth dist.                              | -796 Dec 20 j 11:43   | 17° <b>∡</b> 00′14                       | 1.41950 AU         |
| superior conj                  | -796 Jan 16 j 04:37   | 18° <b>る</b> 20'07                                       | -1°58'05          |   | ,   |  |                    |
| minimum elong                  | -796 Jan 16 j 06:34   | 18° <b>る</b> 29'04                                       |                   | superior conj                                 | -796 Dec 27 j 23:07   | 29° <b>∡</b> ³38'53                      | -1°59'39           |
| Č                              | -796 Jan 22 j 10:24   | 0° <b>≈</b>  |                   | minimum elong                                 | -796 Dec 27 j 21:30   | 29° <b>∡</b> ³31'53                      | 1°59'38            |
| evening rise                   | -796 Jan 25 j 20:24   | 6° <b>≈</b> 30'57  |                   |   | -796 Dec 28 j 03:59   | 0°る                                      |                    |
| asc. node                      | -796 Feb 02 j 08:01   | 20° <b>≈</b> 20'38                                       |                   | evening rise                                  | -795 Jan 07 j 22:53   | 19° <b>る</b> 18'42                       |                    |
| / <del></del>                  | -796 Feb 08 j 17:32   | 0° <b>∀</b>  |                   | -0  | -795 Jan 13 j 20:52   | 0°≈                                      |                    |
| evening max el                 | -796 Feb 11 j 02:24   | 2° <b>)</b> 36′59  | 18°28'11          | asc. node                                     | -795 Jan 19 j 05:02   | 8° <b>≈</b> 50'24                        |                    |
| retrograde                     | -796 Feb 18 j 14:31   | 6° <b>∺</b> 18'06  | - *               | evening max el                                | -795 Jan 24 j 11:42   | 15° <b>≈</b> 32'43                       | 18°09'37           |
| evening set                    | -796 Feb 21 j 01:51   | 5° <b>¥</b> 55'23  |                   | retrograde                                    | -795 Jan 31 j 06:50   | 19° <b>≈</b> 00'05                       |                    |
|                                | J 01.01   | - ,,55 25  |                   |   | 51 3 00.50  |  |                    |
| inferior coni                  | -796 Feb 28 i 10:55   | 1° <b>¥</b> 23′04  | 3°18'45           | evening set                                   | -795 Feb 02 i 22:27   | 18° <b>≈</b> 29′03                       |                    |
| inferior conj<br>minimum elong | -796 Feb 28 j 10:55<br>-796 Feb 28 j 14:34                        | 1° <b>)</b> 23'04<br>1° <b>)</b> 15'42                   |                   | evening set<br>inferior conj                  | -795 Feb 02 j 22:27<br>-795 Feb 09 j 16:25                        | 18°≈29'03<br>13°≈35'20                   | 3°48'06            |
| inferior conj<br>minimum elong | -796 Feb 28 j 10:55<br>-796 Feb 28 j 14:34<br>-796 Mar 01 j 04:00 | 1° <b>)</b> 23'04<br>1° <b>)</b> 15'42<br>30° <b>R</b> ≈ |                   | evening set<br>inferior conj<br>minimum elong | -795 Feb 02 j 22:27<br>-795 Feb 09 j 16:25<br>-795 Feb 09 j 17:47 | 18°≈29'03<br>13°≈35'20<br>13°≈32'09      | 3°48'06<br>3°48'01 |

| •                    | omena or wiercury   |   | •           | * *                               |  |                                      | ge 37       |
|----------------------|---------------------|---|-------------|-----------------------------------|--|--------------------------------------|-------------|
| min. Earth dist.     |                     | -                                       | 0.60740 AU  |                                   | 901 BCE in historical cou                  | 101110g style.<br>26° <b>♂</b> 19'23 | 2051151     |
|                      | -795 Feb 12 j 21:45 |   | 0.00740 AU  | minimum elong<br>min. Earth dist. | -794 Jan 23 j 13:29<br>-794 Jan 26 j 07:09 | 20 <b>3</b> 1923                     | 0.62732 AU  |
| morning rise         | -795 Feb 16 j 11:28 | 7°≈49'43                                |             |                                   | ,  |                                      | 0.02/32 AU  |
| direct<br>desc. node | -795 Feb 23 j 06:10 | 5°≈36'58                                |             | morning rise                      | -794 Jan 29 j 18:05                        | 20°る19'33                            |             |
|                      | -795 Feb 28 j 09:49 | 6°≈47'04                                | 27924152    | direct                            | -794 Feb 05 j 18:25                        | 17°る39'48                            |             |
| morning max el       | -795 Mar 09 j 11:02 | 13°≈24'15                               | 21-34-32    | desc. node                        | -794 Feb 15 j 06:52                        | 21° <b>る</b> 37'29                   | 27945144    |
|                      | -795 Mar 22 j 17:18 | 0° <b>∀</b>                             |             | morning max el                    | -794 Feb 19 j 16:51                        | 25°₹31'01                            | 27°45'44    |
| . ,                  | -795 Apr 08 j 20:03 | 0° <b>Υ</b>                             |             |                                   | -794 Feb 23 j 20:30                        | 0° <b>≈</b>                          |             |
| morning set          | -795 Apr 10 j 13:00 | 3°Υ28'52                                | 1 22445 ATT | . ,                               | -794 Mar 16 j 03:59                        | 0° <b>)</b> (51111                   |             |
| max. Earth dist.     | -795 Apr 16 j 19:26 | 16° <b>Y</b> 50'34                      | 1.32445 AU  | morning set                       | -794 Mar 25 j 14:37                        | 17° <b>)</b> (51'11                  | 1 22055 444 |
| asc. node            | -795 Apr 17 j 04:21 | 17° <b>Ƴ</b> 39'17                      |             | max. Earth dist.                  | -794 Mar 31 j 03:43                        | 29° <b>¥</b> 24'02<br>0° <b>Ƴ</b>    | 1.32855 AU  |
| avmariar aani        | 705 Apr. 17: 19:25  | 18° <b>Ƴ</b> 56'06                      | 0°06'12     |                                   | -794 Mar 31 j 10:26                        | U- Y                                 |             |
| superior conj        | -795 Apr 17 j 18:25 | 18° <b>Υ</b> 54'32                      | 0°06'09     | gunariar agni                     | 704 Apr. 02: 02:27                         | 3° <b>Ƴ</b> 41'34                    | 0020102     |
| minimum elong        | -795 Apr 17 j 18:07 | 18 <b>γ</b> 34 32<br>18° <b>γ</b> 28'57 | 0 00 09     | superior conj                     | -794 Apr 02 j 03:37                        | 3° <b>Υ</b> 46'40                    | 0°19'50     |
| behind sun begin     | -795 Apr 17 j 13:27 |   |             | minimum elong                     | -794 Apr 02 j 04:34                        | 7° <b>Υ</b> 49'29                    | 0-19-50     |
| behind sun end       | -795 Apr 17 j 22:48 | 19° <b>Y</b> 20′09                      |             | asc. node                         | -794 Apr 04 j 01:23                        | 18° <b>Υ</b> 50'04                   |             |
|                      | -795 Apr 22 j 20:13 | 0° <b>8</b>                             |             | evening rise                      | -794 Apr 09 j 04:11                        |                                      |             |
| evening rise         | -795 Apr 24 j 16:26 | 3° <b>8</b> 55'55                       |             |                                   | -794 Apr 14 j 16:18                        | 0°8                                  | 22040100    |
| . ,                  | -795 May 08 j 16:14 | 0°II                                    | 25010145    | evening max el                    | -794 May 03 j 04:12                        | 27° <b>8</b> 09'07                   | 23°48'00    |
| evening max el       | -795 May 21 j 13:22 | 16° <b>Ⅱ</b> 27'35                      | 25°18'4/    |                                   | -794 May 06 j 11:43                        | 0° <b>П</b>                          |             |
| desc. node           | -795 May 27 j 09:03 | 21° <b>I</b> I02'54                     |             | desc. node                        | -794 May 14 j 06:04                        | 3° <b>Ⅱ</b> 46'17                    |             |
| retrograde           | -795 Jun 04 j 14:11 | 23° <b>Ⅲ</b> 37'18                      |             | retrograde                        | -794 May 16 j 22:04                        | 4° <b>Ⅱ</b> 02'30                    |             |
| evening set          | -795 Jun 10 j 02:21 | 22° <b>Ⅱ</b> 26'37                      |             | evening set                       | -794 May 20 j 23:49                        | 3° <b>Ⅱ</b> 25'47                    |             |
| min. Earth dist.     | -795 Jun 15 j 01:12 |   | 0.57883 AU  | min. Earth dist.                  | -794 May 27 j 15:08                        | 0° <b>Ⅱ</b> 17'40                    | 0.56198 AU  |
| inferior conj        | -795 Jun 18 j 05:06 | 17° <b>Ⅱ</b> 29'57                      |             |                                   | -794 May 28 j 02:54                        | 30° <b>₹</b> 8                       |             |
| minimum elong        | -795 Jun 18 j 02:37 | 17° <b>Ⅱ</b> 34'16                      | 4°34'02     | inferior conj                     | -794 May 29 j 22:13                        | 28° <b>8</b> 53'54                   |             |
| morning rise         | -795 Jun 26 j 05:37 | 13° <b>Ⅱ</b> 14'57                      |             | minimum elong                     | -794 May 29 j 15:49                        | 29° <b>8</b> 03'42                   | 3°50'33     |
| direct               | -795 Jun 28 j 18:42 | 12° <b>∏</b> 55'17                      |             | morning rise                      | -794 Jun 07 j 10:45                        | 24° <b>8</b> 55'16                   |             |
| morning max el       | -795 Jul 07 j 08:38 | 16° <b>Ⅱ</b> 56'40                      | 18°56'26    | direct                            | -794 Jun 10 j 01:37                        | 24° <b>8</b> 37'46                   |             |
| asc. node            | -795 Jul 14 j 03:35 | 25° <b>∏</b> 33′08                      |             | morning max el                    | -794 Jun 20 j 03:05                        | 29° <b>8</b> 17'05                   | 19°57'35    |
|                      | -795 Jul 16 j 20:04 | 0ಂತ                                     |             |                                   | -794 Jun 20 j 20:57                        | $\Pi$ °0                             |             |
| morning set          | -795 Jul 24 j 00:04 | 13° <b>©</b> 28'46                      |             | asc. node                         | -794 Jul 01 j 00:38                        | 14° <b>Ⅱ</b> 18′09                   |             |
|                      |                     |   |             | morning set                       | -794 Jul 08 j 03:09                        | 27° <b>Ⅱ</b> 57'07                   |             |
| superior conj        | -795 Aug 01 j 11:40 | 0° <b>Ω</b> 04'09                       | 1°47'06     |                                   | -794 Jul 09 j 03:23                        | 0                                    |             |
| minimum elong        | -795 Aug 01 j 12:26 | 0° <b>Ω</b> 07'50                       | 1°47'05     |                                   |  |                                      |             |
|                      | -795 Aug 01 j 10:48 | $0 {\circ} \Omega$                      |             | superior conj                     | -794 Jul 15 j 23:19                        | 13° <b>©</b> 51'46                   | 1°46'01     |
| max. Earth dist.     | -795 Aug 08 j 06:58 | 12° <b>Ω</b> 41′09                      | 1.38846 AU  | minimum elong                     | -794 Jul 15 j 22:19                        | 13° <b>©</b> 46'45                   |             |
| evening rise         | -795 Aug 12 j 04:21 | 19° <b>Ω</b> 31′28                      |             | max. Earth dist.                  | -794 Jul 21 j 10:49                        | 24° <b>©</b> 32'35                   | 1.36923 AU  |
|                      | -795 Aug 18 j 10:59 | O° <b>m</b>                             |             |                                   | -794 Jul 24 j 09:03                        | $0$ ° $\Omega$                       |             |
| desc. node           | -795 Aug 23 j 08:27 | 7° <b>m</b> 43'36                       |             | evening rise                      | -794 Jul 25 j 08:08                        | 1° <b>Ω</b> 45'14                    |             |
|                      | -795 Sep 08 j 02:04 | 0∘ <b>⊽</b>                             |             | desc. node                        | -794 Aug 10 j 05:27                        | 28° <b>Ω</b> 00′26                   |             |
| evening max el       | -795 Sep 16 j 17:10 | 9° <b>£</b> 54'45                       | 24°28'05    |                                   | -794 Aug 11 j 13:37                        | 0° <b>™</b>                          |             |
| retrograde           | -795 Sep 28 j 00:39 | 16° <b>≙</b> 32'02                      |             | evening max el                    | -794 Aug 30 j 04:25                        | 23° <b>m</b> 29'54                   | 25°41'16    |
| evening set          | -795 Oct 03 j 11:57 | 14° <b>≙</b> 13'27                      |             |                                   | -794 Sep 08 j 10:38                        | 0∘ <b>⊽</b>                          |             |
| min. Earth dist.     | -795 Oct 08 j 04:00 | 8° <b>≏</b> 51'18                       | 0.67374 AU  | retrograde                        | -794 Sep 11 j 10:31                        | 0° <b>ჲ</b> 31'46                    |             |
| inferior conj        | -795 Oct 08 j 21:38 | 7° <b>≙</b> 52'15                       | -0°25'09    |                                   | -794 Sep 14 j 06:02                        | 30°₽, <b>Т</b> р                     |             |
| minimum elong        | -795 Oct 08 j 22:15 | 7° <b>≙</b> 50'12                       | 0°24'53     | evening set                       | -794 Sep 17 j 12:25                        | 27° <b>m</b> 57'42                   |             |
| asc. node            | -795 Oct 10 j 02:46 | 6° <b>≙</b> 15'47                       |             | min. Earth dist.                  | -794 Sep 21 j 20:21                        | 23° Mp 11'20                         | 0.66811 AU  |
| morning rise         | -795 Oct 14 j 08:35 | 1° <b>≙</b> 47'53                       |             | inferior conj                     | -794 Sep 23 j 00:56                        | 21° <b>m</b> 39'55                   |             |
| direct               | -795 Oct 18 j 02:28 | 0° <b>£</b> 27'25                       |             | minimum elong                     | -794 Sep 23 j 02:57                        | 21° <b>m</b> 33'29                   | 1°19'48     |
| morning max el       | -795 Oct 25 j 22:13 | 4° <b>£</b> 58'38                       | 20°17'26    | asc. node                         | -794 Sep 26 j 23:49                        | 17° Mp 06′25                         |             |
|                      | -795 Nov 13 j 08:00 | 0° <b>M</b>                             |             | morning rise                      | -794 Sep 28 j 17:42                        | 15° <b>m</b> 43'58                   |             |
| desc. node           | -795 Nov 19 j 07:44 | 9°M06'34                                |             | direct                            | -794 Oct 02 j 00:49                        | 14° <b>m</b> 41'10                   |             |
| morning set          | -795 Nov 22 j 09:50 | 13°M52'08                               |             | morning max el                    | -794 Oct 09 j 03:25                        | 18° <b>m</b> 42'41                   | 19°16'51    |
|                      | -795 Dec 02 j 15:51 | 0° <b>∡</b> ¹                           |             |                                   | -794 Oct 17 j 21:52                        | 0∘ <b>ত</b>                          |             |
| max. Earth dist.     | -795 Dec 02 j 20:07 | 0° <b>∡</b> 17'06                       | 1.43590 AU  | morning set                       | -794 Nov 01 j 12:48                        | 22° <b>≏</b> 24'20                   |             |
|                      |                     |   |             | desc. node                        | -794 Nov 06 j 04:47                        | 29° <b>≏</b> 41'28                   |             |
| superior conj        | -795 Dec 08 j 15:43 | 9° <b>∡</b> ¹44'21                      | -1°45'38    |                                   | -794 Nov 06 j 09:32                        | $0^{\circ}$ M                        |             |
| minimum elong        | -795 Dec 08 j 09:29 | 9° <b>∡</b> 18'40                       | 1°45'12     | max. Earth dist.                  | -794 Nov 15 j 10:35                        | 14°ML11'50                           | 1.44642 AU  |
|                      | -795 Dec 20 j 14:33 | ರ°0                                     |             |                                   |  |                                      |             |
| evening rise         | -795 Dec 21 j 08:44 | 1° <b>る</b> 18'53                       |             | superior conj                     | -794 Nov 18 j 06:24                        | 18°M40'20                            | -1°13'31    |
| asc. node            | -794 Jan 06 j 02:03 | 26° <b>る</b> 36'57                      |             | minimum elong                     | -794 Nov 17 j 22:27                        | 18° <b>M</b> 08'47                   | 1°12'39     |
| evening max el       | -794 Jan 07 j 23:50 | 28° <b>る</b> 44'33                      | 18°10'33    |                                   | -794 Nov 25 j 07:57                        | 0°⊀                                  |             |
|                      | -794 Jan 09 j 08:46 | 0° <b>≈</b>                             |             | evening rise                      | -794 Dec 02 j 21:33                        | 12° <b>₹</b> 23'20                   |             |
| retrograde           | -794 Jan 14 j 12:11 | 2° <b>≈</b> 11'40                       |             |                                   | -794 Dec 13 j 15:19                        | ರ°0                                  |             |
| evening set          | -794 Jan 17 j 07:56 | 1° <b>≈</b> 31′23                       |             | evening max el                    | -794 Dec 22 j 12:08                        | 12° <b>る</b> 06'26                   | 18°30'13    |
|                      | -794 Jan 19 j 17:13 | 30°Rる                                   |             | asc. node                         | -794 Dec 23 j 23:05                        | 13° <b>る</b> 28'00                   |             |
| inferior conj        | -794 Jan 23 j 14:17 | 26° <b>る</b> 17'17                      | 3°51'53     | retrograde                        | -794 Dec 29 j 02:13                        | 15° <b>る</b> 44'31                   |             |
|                      |                     |   |             |                                   |  |                                      |             |

| eveninged         -791 Jan 10 (1) 0.05 (1) 47531 (1) 5721 (1)   | -                | -                   |                      |            |                     | 901 BCE in historical cou |                     | 5 <b>C</b> 30 |
|--|------------------|---------------------|----------------------|------------|---------------------|---------------------------|---------------------|---------------|
| Infention camp   979   80  |                  |                     | -                    |            |                     |                           |                     |               |
| minimardination (minimardination)         4931 Mo 912121 (1972)         6750 Mo 913 Mo 9121 (1972)         6750 Mo 9148 Mo 14 (1972)         comminity (1972) (1972)         0.7848 Mo 18 (1972)   | •                |                     | 9° <b>ට</b> 21'10    | 3°37'21    | -                   | -                         | 22° <b>∡</b> ³39'48 | 3°09'45       |
| min familus of min familus of 19/13 m 1  | -                | •                   |                      |            |                     | -793 Dec 21 j 16:56       | 22° <b>∡</b> ′48'42 | 3°09'04       |
| direct mouning mared (a) P39 Feb 02 190 180 87 5170 180 1912 180 180 180 180 180 180 180 180 180 180   | min. Earth dist. | -793 Jan 09 j 02:17 | 6° <b>ප</b> 56'01    | 0.64443 AU | min. Earth dist.    | -                         | 20° <b>х</b> 49'57  | 0.65786 AU    |
| morning maxel   793 feb   291 fe   | morning rise     | -793 Jan 12 j 17:23 | 3° <b>る</b> 15'56    |            | morning rise        | -793 Dec 27 j 05:24       | 16° <b>∡</b> ¹29'48 |               |
| 1981   1982  | direct           | -793 Jan 19 j 14:16 | 0° <b>る</b> 24'07    |            | direct              | -792 Jan 02 j 16:18       | 13° <b>∡</b> ′40′26 |               |
| 1991   1991   1995   1996  | morning max el   | -793 Feb 02 j 01:49 | 8° <b>ප</b> 11'01    | 27°21'08   | morning max el      | -792 Jan 15 j 11:20       | 21° <b>∡</b> 11'34  | 26°26'59      |
| 1978    | desc. node       | -793 Feb 02 j 03:56 | 8° <b>る</b> 16'19    |            | desc. node          | -792 Jan 20 j 01:01       | 26° <b>∡</b> 11'44  |               |
| moming same  |                  | -793 Feb 19 j 01:05 | 0° <b>≈</b>          |            |                     | -792 Jan 23 j 03:35       | 8°0                 |               |
| max. Earth dist  |                  | -793 Mar 08 j 10:26 | 0° <b>∀</b>          |            |                     | -792 Feb 12 j 05:02       | 0° <b>≈</b>         |               |
| 1998    | morning set      | -793 Mar 09 j 08:01 | 1° <b>)</b> 45′01    |            | morning set         | -792 Feb 20 j 13:25       | 14° <b>≈</b> 57'48  |               |
|  | max. Earth dist. | -793 Mar 14 j 03:50 | 11° <b>) €</b> 27'57 | 1.33683 AU | max. Earth dist.    | -792 Feb 24 j 16:51       | 22° <b>≈</b> 56'58  | 1.34965 AU    |
| minimum clong   -793 Mar 17   11-00   18*Y-12*42   0*4604   superior conj   -792 Feb 29   07:56   2*11156   18*Y-12*4   18*  |                  |                     |                      |            |                     | -792 Feb 28 j 05:14       | 0° <b>∀</b>         |               |
| Section   1988   | superior conj    | -793 Mar 17 j 08:54 | 18° <b>) (</b> 11′06 | -0°46'30   |                     |                           |                     |               |
| Conting time   | minimum elong    | -793 Mar 17 j 11:06 |                      | 0°46'04    | superior conj       |                           |                     |               |
| evening fine   | asc. node        |                     |                      |            | -                   | -                         |                     | 1°11'24       |
| 1993 Apr 18   1972   1978   1978   1979  |                  | -793 Mar 22 j 22:02 |                      |            | evening rise        |                           |                     |               |
| opening markel         9.99 Apr 14 j 21-26         PCB4TW9         221-18 to         evening markel         -792 Apr 20 j 11-32         18°P4906         20°P4715         42°P1534         20°P47153         22°P1513         22°P1153         22°P1153 <td>evening rise</td> <td>-793 Mar 24 j 15:18</td> <td></td> <td></td> <td>asc. node</td> <td></td> <td></td> <td></td>  | evening rise     | -793 Mar 24 j 15:18 |                      |            | asc. node           |                           |                     |               |
| Personage  |                  |                     |                      |            |                     |                           |                     |               |
| Second   193 Apr 30 j 13.11   1954729   Second   1972 Apr 06 j 11.37   1970359   Second   | •                |                     |                      | 22°13'18   | •                   |                           |                     | 20°47'22      |
|  | Č                | -793 Apr 27 j 17:22 |                      |            | retrograde          | -792 Apr 07 j 06:15       |                     |               |
| minfrard ost   | evening set      | 1 3                 |                      |            |                     |                           |                     |               |
| minimum elong   -793 May 09 j 22-40   9°83925   2°2517   minimum elong   -792 Apr 18 j 15-41   20°0°050   0°2841   minimum elong   -793 May 09 j 16-26   9°84812   2°2319   minimum elong   -792 Apr 19 j 17-38   15°75314   15°753   | desc. node       | -793 May 01 j 03:04 |                      |            | desc. node          | -792 Apr 17 j 00:08       |                     |               |
| minimum clong  | min. Earth dist. | -793 May 09 j 04:19 | _                    |            | inferior conj       | -792 Apr 18 j 17:04       |                     |               |
| Morning rise   | inferior conj    | -793 May 09 j 22:40 |                      |            | minimum elong       |                           |                     |               |
| direct         -793 May 0 2 j 17.29         6°82 MoV         2 j 1819         direct         -792 May 1 j 0 j 0.14         2 l 2°5403         2 2°5403           asc. node         -793 Jun 1 6 j 0.007         0°II         -792 May 2 j 108:11         0°B         -792 May 2 j 108:11         0°B           asc. node         -793 Jun 2 j 11:09         12°I4243         3°II3413         asc. node         -792 Jun 0 5 j 28:03         22°B 278:14         -792 Jun 0 5 j 28:03         22°B 278:14         -792 Jun 0 5 j 28:03         22°B 278:14         -792 Jun 0 7 j 11:10         0°II         1°24'02         0°II         <   | minimum elong    | -793 May 09 j 16:26 |                      | 2°23'19    | min. Earth dist.    |                           |                     | 0.55105 AU    |
| moming max el   -793 Jun   02 j 10.29   10°85'19   21'8'19   moming max el   -792 May 1 j 07:42   21'8'752'14   22'5'40  | morning rise     | -793 May 18 j 21:16 | 5° <b>8</b> 44'10    |            | morning rise        | -792 Apr 27 j 19:02       |                     |               |
| Age  | direct           | -793 May 21 j 17:09 | 5° <b>8</b> 26'05    |            |                     | -792 May 01 j 04:17       | 15° <b>Ƴ</b> 31'44  |               |
| asc. node         -793 Jun 17 j 21:43         3°T14'13         asc. node         -792 Jun 05 j 22:0         23°B 12*4         Page Jun 05 j 22:0         27°B 12*1         23°B 12*4         Page Jun 05 j 22:0         27°B 12*1         23°B 12*4         Page Jun 05 j 22:0         27°B 12*1         27°B 12*3         12°B 1  | morning max el   | -793 Jun 02 j 10:29 | 10° <b>8</b> 55'19   | 21°18'19   | morning max el      |                           |                     | 22°54'03      |
| Superior conj   193 Jun   22 j 11:09   12° Ha2'04   193747   1937 Jun   07 j 01:11   0° H   193747   1937 Jun   07 j 01:11   0° H   193747   1938 Jun   29 j 18:57   27° H59'56   193738   1938 Jun   193 J  |                  |                     | $\Pi$ $^{\circ}0$    |            |                     | -792 May 21 j 08:11       | 0°B                 |               |
| superior conj         -793 Jun         29 j Ln         29 j Ln         29 l Ln         29 j Ln         20 j Ln         20 j Ln   | asc. node        | -793 Jun 17 j 21:43 | 3° <b>Ⅱ</b> 34'13    |            | asc. node           | -792 Jun 03 j 18:47       | 23° <b>8</b> 12'44  |               |
| superior conj         -793 Jun 29 j 21:03         28° Π1045         1°3747         superior conj         -792 Jun 13 j 01:35         12° Π5101         1°24'02           minimum clong         -793 Jun 20 j 18:15         2° 1° 18'95         1°3738         superior conj         -792 Jun 12 j 23:05         12° Π5101         1°24'02           max. Earth dist.         -793 Jul 03 j 21:44         6° ©23'23         1.35276 AU         max. Earth dist.         -792 Jun 15 j 18:29         18° 33'28         1.33987 AU           evening rise         -793 Jul 16 j 15:59         0° Ω         -792 Jun 18 j 19:24         0° Ω         2° 19'10 08 j 19:24         0° Ω   | morning set      | -793 Jun 22 j 11:09 | 12° <b>Ⅱ</b> 42'04   |            | morning set         | -792 Jun 05 j 22:03       |                     |               |
| minimum elong         -793 Jun 29 j 18:57         27° H39'56         1937'38         superior conj         -792 Jun 13 j 01:35         12° H373'38         1°24'02           max. Earth dist.         -793 Jun 30 j 18:12         0° G         minimum elong         -792 Jun 15 j 18:29         12° H373'38         1°23'44           evening rise         -793 Jul 16 j 15:59         0° Ω         -792 Jun 20 j 19:05         0° G         -792 Jun 20 j 19:56         0° G           desc. node         -793 Jul 28 j 02:26         17° Ω 56:04         -792 Jun 13 j 09:56         0° G         -792 Jul 13 j 23:26         7° Ω 21'35           evening max el         -793 Jul 25 j 06:12         17° Ω 56:04         evening encode         -792 Jul 13 j 23:26         7° Ω 21'35         2° 16'27           evening max el         -793 Aug 12 j 16:12         7° № 19'93'8         26° 39'56         evening max el         -792 Jul 13 j 23:26         7° Ω 21'3         2° 16'27           evening max el         -793 Aug 12 j 16:12         1° № 19'93'8         26° 39'56         evening max el         -792 Jul 13 j 20:40         2° Ω 40'14           evening set         -793 Aug 12 j 16:12         1° № 19'19'19'19'19'19'19'19'19'19'19'19'19'1  |                  |                     |                      |            |                     | -792 Jun 07 j 01:11       | $\Pi$ $\circ 0$     |               |
| max. Earth dist.         -793 Jun 30 j 18:12         0°©         minimum elong         -792 Jun 12 j 23:05         12 j 23:738         1°2344           max. Earth dist.         -793 Jul 0 30 j 21:44         6°E32233         1.35276 AU         max. Earth dist.         -792 Jun 20 j 19:03         18° 13328         1.33987 AU           evening rise         -793 Jul 16 j 15:59         0°Q         -792 Jun 21 j 09:56         0°©         -792 Jun 21 j 09:56         0°©         -792 Jun 21 j 09:56         0°©         -793 Jun 21 j 09:56         0°©         -793 Jun 21 j 09:56         0°©         -793 Jun 21 j 09:56         0°©         -792 Jun 21 j 09:56         0°©         -792 Jun 21 j 09:56         0°©         -793 Jun 21 j 09:50         0  | superior conj    |                     | 28° <b>Ⅱ</b> 10'45   | 1°37'47    |                     |                           |                     |               |
| max. Earth dist.         -793 Jul 03 j 21:44         6°©23'23 l .35276 AU         max. Earth dist.         -792 Jun 15 j 18:29 l .8° Д3/28         1.39378 AU         cevening rise         -792 Jun 20 j 19:03 l .28° Д4/51         28° Д4/51   | minimum elong    |                     |                      | 1°37'38    |                     |                           |                     |               |
| cevening rise   .793 Jul   08 j 06:40   14°\$55'04   cevening rise   .792 Jun   20 j 19:03   28°146'51   cevening rise   .792 Jun   20 j 19:03   0°\$\$   cevening rise   .792 Jun   21 j 09:56   0°\$\$   cevening max el   .793 Aug   06 j 04:48   0°\$\$   desc. node   .792 Jul   08 j 19:24   0°\$\$   cevening max el   .793 Aug   12 j 16:12   7°\$\$   078 03'8   26°39'56   evening max el   .792 Jul   25 j 04:00   20°\$\$   27°\$\$   078 03'8   26°39'56   evening max el   .792 Jul   25 j 04:00   20°\$\$   27°\$\$   078 03'8   26°39'56   evening max el   .792 Aug   14 j 15:38   25°\$\$   01 j 06:30   11°\$\$   34'58   evening set   .792 Aug   14 j 15:38   25°\$\$   01 j 06:30   11°\$\$   34'58   evening set   .792 Aug   14 j 15:38   25°\$\$   01 j 06:30   11°\$\$   34'58   evening set   .792 Aug   14 j 15:38   25°\$\$   01 j 06:59   7°\$\$   25'56   0.6590 AU   min. Earth dist.   .792 Aug   20 j 15:18   19°\$\$   02'020   0.64640 AU   inferior conj   .793 Sep   05 j 06:59   5°\$\$   14'35   2°14'16   minimum elong   .792 Aug   20 j 15:18   19°\$\$   02'020   3°07'26   minimum elong   .793 Sep   12 j 12:34   29°\$\$   04'14   direct   .792 Aug   20 j 19:38   18°\$\$   03'38   32'\$\$   05' |                  |                     |                      |            | -                   | •                         |                     | 1°23'44       |
| cesc. node   |                  |                     |                      | 1.35276 AU |                     | •                         |                     | 1.33987 AU    |
| Continue   | evening rise     |                     |                      |            | evening rise        | 3                         |                     |               |
| evening max el         -793 Aug         16j 04:48         0° ψ         desc. node         -792 Jul         13j 23:26         7°Q21'35         27°16'27           evening max el         -793 Aug         12j 16:12         7° ψ03'85         26°39'56         evening max el         -792 Jul         25 j 04:00         20°Q27'13         27°16'27           evening set         -793 Aug         25j 15:14         14° ψ1903         retrograde         -792 Aug         07j 14:20         20°Q2'02         0.64640 AU           min. Earth dist.         -793 Sep 05 j 06:59         7° ψ25'56         0.65907 AU         min. Earth dist.         -792 Aug         18j 09:33         21°Q2'90         0.64640 AU           inferior conj         -793 Sep 06 j 23:35         5° ψ14'35         2°15'13         inferior conj         -792 Aug         20 j 15:18         19°Q2'02         0.6640 AU           inferior conj         -793 Sep 07 j 02:55         5° ψ14'35         2° 15'31         min finimum elong         -792 Aug         20 j 15:38         18°Q5'011         3° 06'05           morning rise         -793 Sep 12 j 23:46         29° Q15'131         asc. node         -792 Aug         27j 10:21         13° Q32'16         18° Q3'18           asc. node         -793 Sep 15 j 22:34         28° Q15'131         asc. node   |                  |                     |                      |            |                     | -                         |                     |               |
| evening max el         -793 Aug 12 j 16:12         7° m03'58         26°39'56         evening max el         -792 Jul 25 j 04:00         20° Ω27'13         27° 16'27           retrograde         -793 Aug 25 j 15:14         14° m 1903         retrograde         -792 Aug 07 j 14:20         27° Д46'48         -793 Eep 01 j 06:30         11° m34'58         evening set         -792 Aug 14 j 15:38         25° Ω1'124         20° Q40'14         20° Q40'14         -792 Aug 14 j 15:38         25° Ω1'124         0.64640 AU         10° Q20'02         0.65907 AU         10° Q20'02         10° Q20'02         0.64640 AU         10° Q20'02         0.65907 AU         10° Q20'02         10° Q20'02         0.6600         10° Q20'02         0.6600         10° Q20'02         0.6600         10° Q20'02         10° Q20'02         10° Q20'02         0.6600         10° Q20'02         10° Q20'02         10° Q20'02         10° Q20'02  | desc. node       |                     |                      |            |                     |                           |                     |               |
| retrograde   |                  |                     |                      |            |                     | -                         |                     |               |
| evening set         -793 Sep 01 j 06:30         11° m/34′58′         evening set         -792 Aug 14 j 15:38         25° Ω01′24           min. Earth dist.         -793 Sep 05 j 06:59         7° m/25′56°         0.65907 AU         min. Earth dist.         -792 Aug 18 j 09:33         21° Ω29′02         0.64640 AU           inferior conj         -793 Sep 06 j 23:35         5° m/24′35         -2° 15′31         inferior conj         -792 Aug 20 j 15:38         19° Ω020         -3°0726           minimum elong         -793 Sep 12 j 10:29         30° RΩ         morning rise         -792 Aug 20 j 19:38         18° Ω50′11         3°0605           asc. node         -793 Sep 13 j 20:55         29° Ω15′31         direct         -792 Aug 29 j 17:07         12° Ω54′38           asc. node         -793 Sep 15 j 22:30         28° Ω15′31         asc. node         -792 Aug 30 j 18:00         13° Ω30′34           direct         -793 Sep 15 j 22:30         28° Ω15′31         morning max el         -792 Aug 30 j 18:00         13° Ω30′34           morning max el         -793 Sep 15 j 22:30         28° Ω1′33         2° m/31′31         8° 31′57         morning set         -792 Oct 03 j 00:24         0° m/221           morning set         -793 Oct 12 j 16:07         2° m/21′31         superior conj         -792 Oct 03 j 00:24         0° m/221′41   | •                |                     |                      | 26°39'56   |                     |                           |                     | 27°16'27      |
| min. Earth dist.   | •                |                     | -                    |            | -                   |                           |                     |               |
| Inferior conj   -793 Sep   06 j 23:35   5° № 24'35   -2° 15'31   inferior conj   -792 Aug 20 j 15:18   19° № 02'03   3°07'26   minimum elong   -793 Sep   07 j 02:55   5° № 14'35   2° 14'16   minimum elong   -792 Aug 20 j 19:38   18° № 05'11   3°06'05   30° № 0   morning rise   -792 Aug 20 j 19:38   18° № 05'11   3°06'05   30° № 0   morning rise   -792 Aug 20 j 19:38   18° № 05'11   3°06'05   30° № 0   morning rise   -792 Aug 20 j 19:38   18° № 05'11   3°06'05   30° № 0   morning rise   -792 Aug 20 j 19:30   13° № 02'03   3°06'05   30° № 0   morning minimum elong   -792 Aug 20 j 18:00   13° № 02'03   3°06'05   3°06'   | -                |                     |                      |            | -                   |                           |                     |               |
| minimum elong         -793 Sep 07 j 02:55         5° m 14'35         2° 14'16         minimum elong         -792 Aug 20 j 19:38         18° Ω50'11         3°06'05           morning rise         -793 Sep 12 j 10:29         30° κΩ         morning rise         -792 Aug 20 j 17:07         12° Ω54'38         -800'11         3° Ω30'45           asc. node         -793 Sep 13 j 20:55         29° Ω15'31         asc. node         -792 Aug 20 j 17:07         12° Ω54'38         18° Ω50'19         18° Ω50'19         12° Ω54'38         18° Ω50'19         12° Ω51'38         18° Ω50'19         12° Ω51'38         18° Ω50'19         12° Ω51'38         18° Ω50'19         12° Ω51'38         18° Ω50'19         18°  |                  |                     | -                    |            |                     |                           |                     |               |
| Morning rise   -793 Sep   12 j 10:29   30°κΩ   morning rise   -792 Aug   27 j 00:21   13°Ω 32'45   morning rise   -793 Sep   12 j 23:46   29°Ω 40'14   direct   -792 Aug   29 j 17:07   12°Ω 54'38   asc. node   -793 Sep   13 j 20:55   29°Ω 15'31   asc. node   -792 Aug   30 j 18:00   13°Ω 00'19   |                  |                     |                      |            |                     |                           |                     |               |
| morning rise   | minimum elong    |                     |                      | 2°14'16    | -                   |                           |                     | 3°06'05       |
| asc. node         -793 Sep 13 j 20:55         29° £ 15'31         asc. node         -792 Aug 30 j 18:00         13° £ 00'19           direct         -793 Sep 15 j 22:30         28° £ 51'29         morning max el         -792 Sep 05 j 05:18         16° £ 23'16         18°03'58           morning max el         -793 Sep 19 j 12:39         0° th         -792 Sep 14 j 23:40         0° th         -792 Sep 14 j 23:40         0° th         -792 Sep 14 j 23:40         0° th         -792 Oct 03 j 00:24         0° th         0° th         -792 Oct 03 j 00:24         0° th  |                  |                     |                      |            | -                   |                           |                     |               |
| direct   | •                |                     |                      |            |                     | 0 3                       |                     |               |
| Province of the content of the c   |                  |                     |                      |            |                     |                           |                     | 10002175      |
| morning max el   | direct           |                     |                      |            | morning max el      |                           |                     | 18°03'58      |
| Part   |                  |                     |                      |            |                     |                           |                     |               |
| morning set  | morning max el   |                     |                      | 18°31'57   | morning set         |                           |                     |               |
| desc. node   |                  | 3                   |                      |            |                     | -792 Oct 03 j 00:24       | 0∘ <u>₩</u>         |               |
| minimum elong  | •                |                     |                      |            |                     |                           |                     |               |
| superior conj  | desc. node       | -/93 Oct 24 j 01:49 | 20° <b>±</b> 23'16   |            |                     | -                         |                     |               |
| minimum elong  |                  | #02.0 : 20 : 25 = 1 | 270 2 0 112          | 0007112    |                     | -                         |                     | 0~21′20       |
| max. Earth dist.   |                  |                     |                      |            |                     |                           |                     | 1 44600 : **  |
| -793 Oct 30 j 04:12 0°M evening rise -792 Oct 23 j 01:57 1°M.41'13 evening rise -793 Nov 13 j 10:23 22°M.27'35 greatest brilliancy -792 Nov 05 j 19:36 22°M.36'46 -0.6m -792 Nov 18 j 04:37 0° ₹ -792 Nov 10 j 22:14 0° ₹ -792 Nov 10 j 22:14 0° ₹ 20°00'20 evening max el -793 Dec 05 j 22:05 25° ₹ 32'37 19°07'23 retrograde -792 Nov 26 j 17:13 13° ₹ 28'19 asc. node -793 Dec 10 j 20:09 29° ₹ 08'14 asc. node -792 Nov 26 j 17:13 13° ₹ 28'17   | -                |                     |                      |            | max. Earth dist.    | -                         |                     | 1.44609 AU    |
| evening rise   | max. Earth dist. |                     |                      | 1.44994 AU |                     |                           |                     |               |
| -793 Nov 18 j 04:37 0° ₹ -792 Nov 10 j 22:14 0° ₹ 0.8m evening max el -792 Nov 18 j 03:38 9° ₹ 00'17 20° 00'20 evening max el -793 Dec 05 j 22:05 25° ₹ 32'37 19° 07'23 retrograde -792 Nov 25 j 18:42 13° ₹ 28'19 asc. node -793 Dec 10 j 20:09 29° ₹ 08'14 asc. node -792 Nov 26 j 17:13 13° ₹ 23'17   |                  |                     |                      |            | -                   | -                         |                     | 0.5           |
| greatest brilliancy -793 Nov 22 j 14:39 6° \$\structric{\structrick}{\structrick} 575758 -0.8m evening max el ev  | evening rise     | ,                   |                      |            | greatest brilliancy | -                         |                     | -0.6m         |
| evening max el -793 Dec 05 j 22:05 25° 🗷 32'37 19°07'23 retrograde -792 Nov 25 j 18:42 13° 🗷 28'19 asc. node -793 Dec 10 j 20:09 29° 🗷 08'14 asc. node -792 Nov 26 j 17:13 13° 🗷 23'17   | ,                |                     |                      | 0.0        |                     | -                         |                     | 20000120      |
| asc. node -793 Dec 10 j 20:09 29° ₹08′14 asc. node -792 Nov 26 j 17:13 13° ₹23′17  | -                |                     |                      |            | •                   | •                         |                     | 20~00'20      |
| ·  | -                |                     |                      | 19~07'23   | -                   | ·                         |                     |               |
| retrograde $-795 \text{ Dec } 12 \text{ j } 21:19 \qquad 29^{\circ} \text{ x} 31'29$ evening set $-792 \text{ Nov } 29 \text{ j } 09:37 \qquad 12^{\circ} \text{ x} 11'45$   |                  |                     |                      |            |                     |                           |                     |               |
|  | retrograde       | -/93 Dec 12 j 21:19 | 29° <b>×</b> ′31′29  |            | evening set         | -/92 Nov 29 j 09:37       | 12° <b>x</b> ′11'45 |               |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -792 Dec 04 j 21:02 6°**₹**09'20 2°32'38 inferior conj retrograde -791 Nov 09 j 16:05 27°MJ31'21 -792 Dec 04 i 18:15 6°**∡**18'36 2°31'45 -791 Nov 13 i 17:03 25°M58'58 evening set

| minimum elong  | -792 Dec 04 j 18:15   | 6° <b>∡</b> 18'36  | 2°31'45  | evening set   | -791 Nov 13 j 17:03   | 25°M58'58   |  |
|--|---|--|--|---|---|---|--|
| min. Earth dist.   | -792 Dec 05 j 18:22   | 4° <b>∡</b> ¹58'14   | 0.66744 AU   | asc. node   | -791 Nov 13 j 14:17   | 26°ML04'12  |  |
| morning rise   | -792 Dec 10 j 02:42   | 29° <b>M</b> 56'27   |  | inferior conj   | -791 Nov 19 j 02:03   | 19° <b>M</b> 46'30  | 1°48'30  |
|  | -792 Dec 10 j 01:07   | 30° <b>₹M</b> L  |  | minimum elong   | -791 Nov 18 j 23:48   | 19° <b>M</b> 54'13  | 1°47'39  |
| direct   | -792 Dec 15 j 23:51   | 27°M20'27  |  | min. Earth dist.  | -791 Nov 19 j 11:32   | 19° <b>M</b> L13'53   | 0.67339 AU   |
|  | -792 Dec 22 j 19:16   | 0° <b>∡</b> ¹  |  | morning rise  | -791 Nov 24 j 06:24   | 13°MJ32'44  |  |
| morning max el   | -792 Dec 27 j 20:09   | 4° <b>∡</b> ¹22'55   | 25°12'00   | direct  | -791 Nov 29 j 12:20   | 11°ML16'23  |  |
| desc. node   | -791 Jan 05 j 22:05   | 15° <b>∡</b> '01'28  |  | morning max el  | -791 Dec 10 j 04:52   | 17° <b>M</b> L38'44   | 23°46'06   |
|  | -791 Jan 16 j 12:53   | 0°ප  |  |   | -791 Dec 20 j 12:16   | 0° <b>∡</b> ¹   |  |
| morning set  | -791 Feb 02 j 01:53   | 27° <b>る</b> 15'27   |  | desc. node  | -791 Dec 23 j 19:07   | 4° <b>∡</b> ¹29'30  |  |
| morning set  | -791 Feb 03 j 14:14   | 0°≈  |  | dese. Hode  | -790 Jan 09 j 14:57   | 0°る   |  |
| max. Earth dist.   | -791 Feb 05 j 18:48   |  | 1.36679 AU   | morning set   | -790 Jan 14 j 15:15   | 8° <b>ರ</b> 21'31   |  |
| max. Larm dist.  | -//11 CO 05 j 10.40   | <b>→</b> ~02 30  | 1.30077 AO   | max. Earth dist.  | -790 Jan 18 j 14:13   |   | 1.38702 AU   |
| superior conj  | -791 Feb 11 j 21:49   | 15° <b>≈</b> 49'44   | 1024122  | max. Earth dist.  | -/90 Jan 10 J 14.13   | 13 01343  | 1.38/02 AU   |
| minimum elong  | -791 Feb 12 j 01:33   | 15 <b>≈</b> 49 44<br>16° <b>≈</b> 08'08  |  | superior conj   | -790 Jan 25 j 22:47   | 28° <b>る</b> 40'26  | 1051151  |
| minimum ciong  | -   | 0° <b>\</b>  | 1 34 00  | minimum elong   | ·   | 28°る55'01   |  |
|  | -791 Feb 18 j 22:53   |  |  | minimum elong   | -790 Jan 26 j 01:52   |   | 1-51-39  |
| evening rise   | -791 Feb 20 j 03:38   | 2° <b>)</b> € 25'03  |  |   | -790 Jan 26 j 15:37   | 0° <b>≈</b>   |  |
| asc. node  | -791 Feb 22 j 16:31   | 7° <b>)</b> €28'25   |  | evening rise  | -790 Feb 04 j 00:10   | 16°≈11'24   |  |
|  | -791 Mar 09 j 00:46   | 0° <b>Υ</b>  |  | asc. node   | -790 Feb 09 j 13:34   | 26°≈46'56   |  |
| evening max el   | -791 Mar 09 j 11:39   | 0° <b>Y</b> 26'44  | 19°37'52   |   | -790 Feb 11 j 08:45   | 0° <b>∀</b>   |  |
| retrograde   | -791 Mar 19 j 01:54   | 5° <b>Y</b> ′02'29   |  | evening max el  | -790 Feb 20 j 10:29   |   | 18°47'55   |
| evening set  | -791 Mar 21 j 06:01   | 4° <b>Υ</b> 49'24  |  | retrograde  | -790 Feb 28 j 14:00   | 16° <b>)</b> 37′42  |  |
| inferior conj  | -791 Mar 29 j 20:00   | 0° <b>Ƴ</b> 45′20  | 1°23'40  | evening set   | -790 Mar 02 j 22:18   | 16° <b>₩</b> 19'21  |  |
| minimum elong  | -791 Mar 29 j 23:20   | 0° <b>Ƴ</b> 40′02  | 1°22'34  | inferior conj   | -790 Mar 10 j 17:32   | 11° <b>∺</b> 58'54  | 2°47'07  |
|  | -791 Mar 31 j 00:30   | 30° <b>₹</b> ₩   |  | minimum elong   | -790 Mar 10 j 21:57   | 11° <b>¥</b> 50'45  | 2°46'02  |
| min. Earth dist.   | -791 Apr 01 j 07:55   | 29° <b>)</b> 10′45   | 0.55945 AU   | min. Earth dist.  | -790 Mar 14 j 00:37   | 9° <b>)</b> 34′29   | 0.57524 AU   |
| desc. node   | -791 Apr 03 j 21:12   | 27° <b>)</b> 42′02   |  | morning rise  | -790 Mar 18 j 18:43   | 6° <b>)</b> 47′18   |  |
| morning rise   | -791 Apr 07 j 14:10   | 26° <b>₩</b> 05'55   |  | desc. node  | -790 Mar 21 j 18:15   | 5° <b>)</b> 48′59   |  |
| direct   | -791 Apr 11 j 22:47   | 25° <b>¥</b> 23′21   |  | direct  | -790 Mar 24 j 06:56   | 5° <b>)</b> 33′12   |  |
|  | -791 Apr 23 j 04:14   | $0^{\circ}\Upsilon$  |  | morning max el  | -790 Apr 07 j 14:51   | 13° <b>¥</b> 02'45  | 26°05'27   |
| morning max el   | -791 Apr 25 j 23:08   | 2° <b>Y</b> '26'03   | 24°34'38   |   | -790 Apr 20 j 22:09   | 0°Υ   |  |
|  | -791 May 15 j 02:57   | 0°8  |  | morning set   | -790 May 05 j 21:34   | 27° <b>Ƴ</b> 35'09  |  |
| morning set  |   | 12° <b>8</b> 36'51   |  | morning sec   |   | 0°8   |  |
|  |   |  |  |   |   |   |  |
| •  | -791 May 21 j 10:04   |  |  | asc node  | -790 May 07 j 00:57   |   |  |
| asc. node  | -791 May 21 j 10:04   | 13° <b>8</b> 07'10   |  | asc. node   | -790 May 07 j 00.57   | 3° <b>8</b> 12'25   |  |
| asc. node  | -791 May 21 j 15:49   | 13° <b>8</b> 07'10   | 1°06'01  |   | -790 May 08 j 12:51   | 3° <b>8</b> 12'25   | 0°44'42  |
| asc. node superior conj  | -791 May 21 j 15:49<br>-791 May 28 j 10:28  | 13° <b>8</b> 07'10<br>27° <b>8</b> 44'21   | 1°06'01  | superior conj   | -790 May 08 j 12:51<br>-790 May 12 j 21:40  | 3° <b>8</b> 12'25<br>12° <b>8</b> 44'13   |  |
| asc. node  | -791 May 21 j 15:49<br>-791 May 28 j 10:28<br>-791 May 28 j 08:04   | 13° <b>8</b> 07'10<br>27° <b>8</b> 44'21<br>27° <b>8</b> 31'23   | 1°06'01<br>1°05'38   | superior conj<br>minimum elong  | -790 May 08 j 12:51<br>-790 May 12 j 21:40<br>-790 May 12 j 19:51   | 3°812'25<br>12°844'13<br>12°834'12  | 0°44'20  |
| asc. node superior conj minimum elong  | -791 May 21 j 15:49<br>-791 May 28 j 10:28<br>-791 May 28 j 08:04<br>-791 May 29 j 11:31  | 13° <b>४</b> 07'10<br>27° <b>४</b> 44'21<br>27° <b>४</b> 31'23<br>0° <b>П</b>  | 1°05'38  | superior conj<br>minimum elong<br>max. Earth dist.  | -790 May 08 j 12:51<br>-790 May 12 j 21:40<br>-790 May 12 j 19:51<br>-790 May 13 j 10:42  | 3°812'25<br>12°844'13<br>12°834'12<br>13°855'35   |  |
| asc. node superior conj minimum elong max. Earth dist.   | -791 May 21 j 15:49<br>-791 May 28 j 10:28<br>-791 May 28 j 08:04<br>-791 May 29 j 11:31<br>-791 May 29 j 23:48   | 13°807'10<br>27°844'21<br>27°831'23<br>0°Ⅲ<br>1°Ⅲ06'15   |  | superior conj<br>minimum elong  | -790 May 08 j 12:51<br>-790 May 12 j 21:40<br>-790 May 12 j 19:51<br>-790 May 13 j 10:42<br>-790 May 19 j 22:13   | 3°&12'25<br>12°&44'13<br>12°&34'12<br>13°&55'35<br>27°&49'47  | 0°44'20  |
| asc. node superior conj minimum elong  | -791 May 21 j 15:49<br>-791 May 28 j 10:28<br>-791 May 28 j 08:04<br>-791 May 29 j 11:31<br>-791 May 29 j 23:48<br>-791 Jun 04 j 17:16  | 13° <b>8</b> 07'10<br>27° <b>8</b> 44'21<br>27° <b>8</b> 31'23<br>0° <b>П</b><br>1° <b>П</b> 06'15<br>13° <b>П</b> 08'16   | 1°05'38  | superior conj<br>minimum elong<br>max. Earth dist.  | -790 May 08 j 12:51<br>-790 May 12 j 21:40<br>-790 May 12 j 19:51<br>-790 May 13 j 10:42<br>-790 May 19 j 22:13<br>-790 May 20 j 23:27  | 3°&12'25<br>12°&44'13<br>12°&34'12<br>13°&55'35<br>27°&49'47<br>0°II  | 0°44'20  |
| asc. node superior conj minimum elong max. Earth dist. evening rise  | -791 May 21 j 15:49<br>-791 May 28 j 10:28<br>-791 May 28 j 08:04<br>-791 May 29 j 11:31<br>-791 May 29 j 23:48<br>-791 Jun 04 j 17:16<br>-791 Jun 13 j 13:33   | 13°807'10  27°844'21 27°831'23 0°Ⅲ 1°Ⅲ06'15 13°Ⅲ08'16 0°ℱ  | 1°05'38  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise  | -790 May 08 j 12:51<br>-790 May 12 j 21:40<br>-790 May 12 j 19:51<br>-790 May 13 j 10:42<br>-790 May 19 j 22:13<br>-790 May 20 j 23:27<br>-790 Jun 06 j 22:20   | 3°812'25<br>12°844'13<br>12°834'12<br>13°855'35<br>27°849'47<br>0°Ⅲ<br>0°©  | 0°44'20  |
| asc. node superior conj minimum elong max. Earth dist.   | -791 May 21 j 15:49<br>-791 May 28 j 10:28<br>-791 May 28 j 08:04<br>-791 May 29 j 11:31<br>-791 May 29 j 23:48<br>-791 Jun 04 j 17:16<br>-791 Jun 13 j 13:33<br>-791 Jun 30 j 20:29  | 13°807'10  27°844'21 27°831'23 0°Ⅲ 1°Ⅲ06'15 13°Ⅲ08'16 0° 26°©03'47   | 1°05'38  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node  | -790 May 08 j 12:51<br>-790 May 12 j 21:40<br>-790 May 12 j 19:51<br>-790 May 13 j 10:42<br>-790 May 19 j 22:13<br>-790 May 20 j 23:27<br>-790 Jun 06 j 22:20<br>-790 Jun 17 j 17:30  | 3°&12'25<br>12°&44'13<br>12°&34'12<br>13°&55'35<br>27°&49'47<br>0°II<br>0°S<br>13°S44'22  | 0°44'20<br>1.32548 AU  |
| asc. node superior conj minimum elong max. Earth dist. evening rise desc. node   | -791 May 21 j 15:49<br>-791 May 28 j 10:28<br>-791 May 28 j 08:04<br>-791 May 29 j 11:31<br>-791 May 29 j 23:48<br>-791 Jun 04 j 17:16<br>-791 Jun 13 j 13:33<br>-791 Jun 30 j 20:29<br>-791 Jul 04 j 05:36   | 27°844'21<br>27°831'23<br>0°Π<br>1°Π06'15<br>13°Π08'16<br>0°©<br>26°©03'47<br>0°Ω  | 1°05'38<br>1.33082 AU  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el  | -790 May 08 j 12:51<br>-790 May 12 j 21:40<br>-790 May 12 j 19:51<br>-790 May 13 j 10:42<br>-790 May 19 j 22:13<br>-790 May 20 j 23:27<br>-790 Jun 06 j 22:20<br>-790 Jun 17 j 17:30<br>-790 Jun 19 j 18:56   | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°11 0°9 13°944'22 15°948'11  | 0°44'20<br>1.32548 AU  |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el  | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 13 j 13:33 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42  | 13°807'10  27°844'21 27°831'23 0°Ⅲ 1°Ⅲ06'15 13°Ⅲ08'16 0°© 26°©03'47 0°Ω 3°Ω25'51   | 1°05'38<br>1.33082 AU  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde  | -790 May 08 j 12:51<br>-790 May 12 j 21:40<br>-790 May 12 j 19:51<br>-790 May 13 j 10:42<br>-790 May 19 j 22:13<br>-790 May 20 j 23:27<br>-790 Jun 06 j 22:20<br>-790 Jun 17 j 17:30<br>-790 Jun 19 j 18:56<br>-790 Jul 03 j 17:38  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°9 13°944'22 15°948'11 23°905'59  | 0°44'20<br>1.32548 AU  |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde   | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 13 j 13:33 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22  | 27° 844'21<br>27° 831'23<br>0° Π<br>1° Π06'15<br>13° Π08'16<br>0° ©<br>26° © 03'47<br>0° Ω<br>3° Ω25'51<br>10° Ω45'32  | 1°05'38<br>1.33082 AU  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set   | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jun 19 j 18:56 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°9 13°944'22 15°948'11 23°905'59 20°956'18  | 0°44'20<br>1.32548 AU<br>26°59'59  |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set   | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 13 j 13:33 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21  | 27°844'21<br>27°831'23<br>0°Π<br>1°Π06'15<br>13°Π08'16<br>0°©<br>26°©03'47<br>0°Ω<br>3°Ω25'51<br>10°Ω45'32<br>8°Ω10'53   | 1°05'38<br>1.33082 AU<br>27°24'27  | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist.  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jun 19 j 18:56 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°© 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU  |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist.  | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 13 j 13:33 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17  | 27° 844'21<br>27° 831'23<br>0° Π<br>1° Π06'15<br>13° Π08'16<br>0° ©<br>26° ©03'47<br>0° Ω<br>3° Ω25'51<br>10° Ω45'32<br>8° Ω10'53<br>5° Ω09'49   | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU  | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jun 19 j 18:56 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 14:15  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°9 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43  |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj  | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 13 j 13:33 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16  | 27°844'21<br>27°831'23<br>0°Π<br>1°Π06'15<br>13°Π08'16<br>0°©<br>26°©03'47<br>0°Ω<br>3°Ω25'51<br>10°Ω45'32<br>8°Ω10'53<br>5°Ω09'49<br>2°Ω25'30   | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58                                      | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°9 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43  |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist.  | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 13 j 13:33 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17  | 27°844'21<br>27°831'23<br>0°Π<br>1°Π06'15<br>13°Π08'16<br>0°©<br>26°©03'47<br>0°Ω<br>3°Ω25'51<br>10°Ω45'32<br>8°Ω10'53<br>5°Ω09'49<br>2°Ω25'30<br>2°Ω14'23   | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58                                      | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°© 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09 10°937'28  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43  |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj  | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 13 j 13:33 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16  | 13°807'10  27°844'21 27°831'23 0°11 1°1106'15 13°1108'16 0°5 26°503'47 0°0 3°025'51 10°045'32 8°010'53 5°009'49 2°025'30 2°014'23 30°85  | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58                                      | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 03 j 17:38 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°9 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18   |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj  | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 13 j 13:33  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 03 j 21:16  -791 Aug 04 j 01:48   | 27°844'21<br>27°831'23<br>0°Π<br>1°Π06'15<br>13°Π08'16<br>0°©<br>26°©03'47<br>0°Ω<br>3°Ω25'51<br>10°Ω45'32<br>8°Ω10'53<br>5°Ω09'49<br>2°Ω25'30<br>2°Ω14'23   | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58                                      | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise   | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°© 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09 10°937'28  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43  |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 13 j 13:33  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 04 j 01:48  -791 Aug 06 j 11:14   | 13°807'10  27°844'21 27°831'23 0°11 1°1106'15 13°1108'16 0°5 26°503'47 0°0 3°025'51 10°045'32 8°010'53 5°009'49 2°025'30 2°014'23 30°85  | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58                                      | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 03 j 17:38 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°11 0°55 13°544'22 15°548'11 23°505'59 20°556'18 18°514'31 15°527'17 15°520'09 10°537'28 10°512'30   | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18   |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise  | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 04 j 01:48  -791 Aug 06 j 11:14  -791 Aug 10 j 16:24   | 27°844'21<br>27°8431'23<br>0° Π<br>1° Π06'15<br>13° Π08'16<br>0° ©<br>26° ©03'47<br>0° Ω<br>3° Ω25'51<br>10° Ω45'32<br>8° Ω10'53<br>5° Ω09'49<br>2° Ω25'30<br>2° Ω14'23<br>30° R©<br>27°© 14'38  | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58                                      | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el   | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°11 0°5 13°544'22 15°548'11 23°505'59 20°556'18 18°514'31 15°527'17 15°520'09 10°537'28 10°512'30 13°542'58  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18   |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct   | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 03 j 21:16  -791 Aug 06 j 11:14  -791 Aug 10 j 16:24  -791 Aug 13 j 05:32  | 27°844'21 27°831'23 0°11 1°1106'15 13°1108'16 0°5 26°503'47 0°10 3°125'51 10°145'32 8°110'53 5°109'49 2°125'30 2°14'23 30°185 27°514'38 26°544'15  | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58                                      | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el   | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°11 0°5 13°544'22 15°548'11 23°505'59 20°556'18 18°514'31 15°527'17 15°520'09 10°537'28 10°512'30 13°542'58 14°549'29  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18   |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct   | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 03 j 21:16  -791 Aug 04 j 01:48  -791 Aug 10 j 16:24  -791 Aug 13 j 05:32  -791 Aug 17 j 15:04   | 27°844'21 27°831'23 0°II 1°II.06'15 13°II.08'16 0°S 26°S03'47 0°A 3°A25'51 10°A45'32 8°A10'53 5°A09'49 2°A25'30 2°A14'23 30°RS 27°S14'38 26°S44'15 28°S16'08   | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58<br>3°51'56                           | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 14 j 12:20  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°9 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09 10°937'28 10°912'30 13°942'58 14°949'29 0°\$   | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18   |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node   | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 13 j 13:33  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 03 j 21:16  -791 Aug 04 j 01:48  -791 Aug 10 j 16:24  -791 Aug 13 j 05:32  -791 Aug 17 j 15:04  -791 Aug 19 j 17:06   | 27° 844'21 27° 831'23 0° Π 1° Π06'15 13° Π08'16 0° © 26° ©03'47 0° Ω 3° Ω25'51 10° Ω45'32 8° Ω10'53 5° Ω09'49 2° Ω25'30 2° Ω14'23 30° R© 27° ©14'38 26° ©44'15 28° ©16'08 0° Ω   | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58<br>3°51'56                           | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 14 j 12:20  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°9 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09 10°937'28 10°912'30 13°942'58 14°949'29 0°\$0 8°\$\Ostrolong{8}\$\Ostrol | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18   |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el   | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 30 j 20:29 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16 -791 Aug 04 j 01:48 -791 Aug 10 j 16:24 -791 Aug 13 j 05:32 -791 Aug 17 j 15:04 -791 Aug 19 j 17:06 -791 Aug 19 j 20:52 -791 Sep 05 j 07:17  | 13°807'10  27°844'21  27°831'23  0° II  1° II 06'15  13° II 08'16  0° II  26° II 0' II 08'16  10° II 08'16  26° II 08'16  26° II 08'16  20' II 08'16  20' II 08'16  20' II 08'16  0° II 08'16'08  0° II 08'12  25° II 09'12  25° II 09'12  | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58<br>3°51'56                           | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 14 j 12:20 -790 Aug 29 j 11:28  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°9 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09 10°937'28 10°912'30 13°942'58 14°949'29 0°\$ 8°\$\O_51'23 27°\$\O_15'59  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18   |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el   | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 13 j 13:33  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 04 j 01:48  -791 Aug 06 j 11:14  -791 Aug 10 j 16:24  -791 Aug 17 j 15:04  -791 Aug 19 j 17:06  -791 Aug 19 j 20:52   | 13°807'10  27°844'21 27°831'23 0°11 1°106'15 13°1108'16 0°\$ 26°\$03'47 0°\$\Omega\$ 3°\$\Omega\$25'51 10°\$\Omega\$45'32 8°\$\Omega\$10'53 5°\$\Omega\$09'49 2°\$\Omega\$25'30 2°\$\Omega\$14'23 30°\$\Omega\$27°\$\Omega\$14'38 26°\$\Omega\$44'15 28°\$\Omega\$16'08 0°\$\Omega\$09'12  | 1°05'38<br>1.33082 AU<br>27°24'27<br>0.63009 AU<br>-3°52'58<br>3°51'56                           | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 14 j 12:20 -790 Aug 29 j 11:28 -790 Aug 29 j 11:28  | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°II 0°S 13°S44'22 15°S48'11 23°S05'59 20°S56'18 18°S14'31 15°S27'17 15°S20'09 10°S37'28 10°S12'30 13°S42'58 14°S49'29 0°\$C 8°\$C51'23 27°\$\Omega\$15'59 27°\$\Omega\$15'59 27°\$\Omega\$14'42  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15                                     |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el morning set   | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16 -791 Aug 04 j 01:48 -791 Aug 10 j 16:24 -791 Aug 13 j 05:32 -791 Aug 17 j 15:04 -791 Aug 19 j 17:06 -791 Aug 19 j 20:52 -791 Sep 05 j 07:17 -791 Sep 07 j 18:02  | 13°807'10  27°844'21  27°831'23  0° II  1° II 06'15  13° II 08'16  0° ©  26° ©03'47  0° \( \Omega \)  3° \( \Omega \) 25'51  10° \( \Omega \) 45'32  8° \( \Omega \) 10'53  5° \( \Omega \) 2° \( \Omega \) 14'23  30° \( \Omega \) 2° \( \Omega \) 4'15  28° \( \Omega \) 0° \( \Omega \) | 1°05'38  1.33082 AU  27°24'27  0.63009 AU -3°52'58 3°51'56                                       | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj minimum elong  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 19 j 08:36  -790 Aug 29 j 11:28 -790 Aug 29 j 15:42 -790 Aug 31 j 00:51   | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0° II 0° 9 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09 10°937'28 10°912'30 13°942'58 14°949'29 0° \( \alpha\) 8°\( \alpha\)51'23  27°\( \alpha\)15'59 27°\( \alpha\)3'4'42 0°\( \mathbf{m}\)  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15                                     |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el morning set   | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16 -791 Aug 04 j 01:48 -791 Aug 10 j 16:24 -791 Aug 13 j 05:32 -791 Aug 17 j 15:04 -791 Aug 19 j 17:06 -791 Aug 19 j 20:52 -791 Sep 05 j 07:17 -791 Sep 07 j 18:02  | 13°807'10  27°844'21 27°831'23 0°II 1°II 06'15 13°II 08'16 0°S 26°S03'47 0°A 3°A25'51 10°A45'32 8°A10'53 5°A09'49 2°A25'30 2°A14'23 30°RS 27°S14'38 26°S44'15 28°S16'08 0°A 0°A09'12 25°A41'03 0°ID  | 1°05'38  1.33082 AU  27°24'27  0.63009 AU -3°52'58 3°51'56  17°53'45                             | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj minimum elong  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 14 j 08:51 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 19 j 08:36  -790 Aug 29 j 11:28 -790 Aug 29 j 15:42 -790 Aug 31 j 00:51 -790 Sep 06 j 01:08   | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0° II 0° 9 13°944'22 15°948'11 23°905'59 20°956'18 18°914'31 15°927'17 15°920'09 10°937'28 10°912'30 13°942'58 14°949'29 0°0 8°051'23 27°015'59 27°034'42 0° III 10° III 14'49  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15                                     |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el morning set   | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16 -791 Aug 04 j 01:48 -791 Aug 10 j 16:24 -791 Aug 10 j 16:24 -791 Aug 17 j 15:04 -791 Aug 19 j 20:52 -791 Aug 19 j 20:52 -791 Sep 05 j 07:17 -791 Sep 07 j 18:02  -791 Sep 16 j 23:36 -791 Sep 17 j 04:44   | 13°807'10  27°844'21 27°831'23 0°11 1°1106'15 13°1108'16 0°5 26°503'47 0°12 3°125'51 10°145'32 8°10'53 5°109'49 2°125'30 2°114'23 30°85 27°514'38 26°544'15 28°516'08 0°109'12 25°14'03 0°10 15°1052'39 16°1014'07   | 1°05'38  1.33082 AU  27°24'27  0.63009 AU -3°52'58 3°51'56  17°53'45  1°02'00 1°01'24            | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj minimum elong morning set  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 10 j 16:27 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 19 j 08:36  -790 Aug 29 j 11:28 -790 Aug 29 j 15:42 -790 Aug 31 j 00:51 -790 Sep 06 j 01:08 -790 Sep 11 j 23:44   | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°11 0°5 13°544'22 15°548'11 23°505'59 20°556'18 18°514'31 15°527'17 15°520'09 10°537'28 10°512'30 13°542'58 14°549'29 0°10 8°15'59 27°15'59 27°15'59 27°15'59 27°15'59   | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15                                     |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el morning set   | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 03 j 21:16  -791 Aug 04 j 01:48  -791 Aug 10 j 16:24  -791 Aug 10 j 16:24  -791 Aug 17 j 15:04  -791 Aug 19 j 20:52  -791 Sep 05 j 07:17  -791 Sep 07 j 18:02  -791 Sep 16 j 23:36  -791 Sep 17 j 04:44  -791 Sep 23 j 15:06   | 13°807'10  27°844'21 27°831'23 0°11 1°1106'15 13°1108'16 0°5 26°503'47 0°10 3°1025'51 10°1045'32 8°10'53 5°109'49 2°1025'30 2°114'23 30°85 27°514'38 26°544'15 28°516'08 0°100'12 25°104'03 0°10 15°1052'39 16°1014'07 26°1048'11  | 1°05'38  1.33082 AU  27°24'27  0.63009 AU -3°52'58 3°51'56  17°53'45                             | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj minimum elong  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 19 j 18:56 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 19 j 08:36  -790 Aug 29 j 11:28 -790 Aug 29 j 15:42 -790 Aug 31 j 00:51 -790 Sep 06 j 01:08 -790 Sep 11 j 23:44 -790 Sep 13 j 16:52                     | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0°11 0°5 13°544'22 15°548'11 23°505'59 20°556'18 18°514'31 15°527'17 15°520'09 10°537'28 10°512'30 13°542'58 14°549'29 0°10 8°15'59 27°15'59 27°15'59 27°15'59 27°15'59 27°15'54 22°10'5'54 22°10'39'06   | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15                                     |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el morning set   | -791 May 21 j 15:49  -791 May 28 j 10:28  -791 May 28 j 08:04  -791 May 29 j 11:31  -791 May 29 j 23:48  -791 Jun 04 j 17:16  -791 Jun 30 j 20:29  -791 Jul 04 j 05:36  -791 Jul 07 j 13:42  -791 Jul 21 j 07:22  -791 Jul 28 j 12:21  -791 Aug 01 j 02:17  -791 Aug 03 j 21:16  -791 Aug 04 j 01:48  -791 Aug 06 j 11:14  -791 Aug 10 j 16:24  -791 Aug 13 j 05:32  -791 Aug 17 j 15:04  -791 Aug 19 j 17:06  -791 Aug 19 j 20:52  -791 Sep 07 j 18:02  -791 Sep 16 j 23:36  -791 Sep 17 j 04:44  -791 Sep 23 j 15:06  -791 Sep 25 j 14:53                                       | 13°807'10  27°844'21 27°831'23 0°11 1°1106'15 13°1108'16 0°5 26°503'47 0°10 3°125'51 10°145'32 8°10'53 5°109'49 2°125'30 2°14'23 30°185 27°514'38 26°544'15 28°516'08 0°10'09'12 25°14'03 0°10'09'12 25°14'103 0°10'09'12 25°14'103 0°10'09'14'07 26°10'14'07 26°10'14'07  | 1°05'38  1.33082 AU  27°24'27  0.63009 AU -3°52'58 3°51'56  17°53'45  1°02'00 1°01'24            | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj minimum elong morning set  | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 19 j 18:56 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 19 j 08:36  -790 Aug 29 j 11:28 -790 Aug 29 j 15:42 -790 Aug 31 j 00:51 -790 Sep 06 j 01:08 -790 Sep 11 j 23:44 -790 Sep 13 j 16:52 -790 Sep 18 j 10:19                     | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0° II 0° II 0° II 0° II 23°  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15                                     |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el morning set  superior conj minimum elong  max. Earth dist. desc. node | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16 -791 Aug 04 j 01:48 -791 Aug 06 j 11:14 -791 Aug 10 j 16:24 -791 Aug 13 j 05:32 -791 Aug 17 j 15:04 -791 Aug 19 j 17:06 -791 Aug 19 j 20:52 -791 Sep 05 j 07:17 -791 Sep 07 j 18:02  -791 Sep 16 j 23:36 -791 Sep 23 j 15:06 -791 Sep 25 j 14:53 -791 Sep 26 j 19:50   | 13°807'10  27°844'21 27°831'23 0° II 1° II 06'15 13° II 08'16 0° © 26° © 03'47 0° A 3° A 25'51 10° A 45'32 8° A 10'53 5° A 09'49 2° A 25'30 2° A 14'23 30° R© 27° © 14'38 26° © 44'15 28° © 16'08 0° A 0° A 09'12 25° A 41'03 0° II 15° II 52'39 16° II 14'07 26° II 48'11 0° Ω 1° Ω 55'20   | 1°05'38  1.33082 AU  27°24'27  0.63009 AU -3°52'58 3°51'56  17°53'45  1°02'00 1°01'24            | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj minimum elong max. Earth dist. evening rise disc. node   | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 19 j 18:56 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 19 j 08:36  -790 Aug 29 j 11:28 -790 Aug 29 j 15:42 -790 Aug 31 j 00:51 -790 Sep 10 j 10:08 -790 Sep 11 j 23:44 -790 Sep 13 j 16:52 -790 Sep 18 j 10:19 -790 Oct 09 j 15:57 | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0° II 0° II 0° II 0° II 13° II 23°  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15<br>1°29'12<br>1°28'49<br>1.41938 AU |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el morning set   | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 13 j 13:33 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16 -791 Aug 04 j 01:48 -791 Aug 10 j 16:24 -791 Aug 10 j 16:24 -791 Aug 13 j 05:32 -791 Aug 17 j 15:04 -791 Aug 19 j 17:06 -791 Aug 19 j 20:52 -791 Sep 05 j 07:17 -791 Sep 07 j 18:02  -791 Sep 16 j 23:36 -791 Sep 17 j 04:44 -791 Sep 23 j 15:06 -791 Sep 26 j 19:50 -791 Oct 02 j 08:16 | 13°807'10  27°844'21 27°831'23 0° II 1° II 06'15 13° II 08'16 0° © 26° © 03'47 0° A 3° A 25'51 10° A 45'32 8° A 10'53 5° A 09'49 2° A 25'30 2° A 14'23 30° R© 27° © 14'38 26° © 44'15 28° © 16'08 0° A 0° A 09'12 25° A 41'03 0° II 15° III 52'39 16° III 14'07 26° III 4'07 26° III 4'07 26° III 4'36 1° Ω 55'20 10° Ω 34'36  | 1°05'38  1.33082 AU  27°24'27  0.63009 AU -3°52'58 3°51'56  17°53'45  1°02'00 1°01'24            | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj minimum elong evening rise direct superior conj minimum elong max. Earth dist. evening rise desc. node | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 19 j 18:56 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 19 j 08:36  -790 Aug 29 j 11:28 -790 Aug 29 j 15:42 -790 Aug 31 j 00:51 -790 Sep 06 j 01:08 -790 Sep 11 j 23:44 -790 Sep 13 j 16:52 -790 Oct 14 j 21:29   | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0° II 0° © 13° © 44'22 15° © 48'11 23° © 05'59 20° © 56'18 18° © 14'31 15° © 27'17 15° © 20'09 10° © 37'28 10° © 12'30 13° © 42'58 14° © 49'29 0° Ω 8° Ω 51'23 27° Ω 15'59 27° Ω 34'42 0° ID 10° ID 14'49 19° ID 55'54 22° ID 39'06 0° Ω 0° IL 5° IL 55'48  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15                                     |
| asc. node  superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct asc. node  morning max el morning set  superior conj minimum elong  max. Earth dist. desc. node | -791 May 21 j 15:49  -791 May 28 j 10:28 -791 May 28 j 08:04 -791 May 29 j 11:31 -791 May 29 j 23:48 -791 Jun 04 j 17:16 -791 Jun 30 j 20:29 -791 Jul 04 j 05:36 -791 Jul 07 j 13:42 -791 Jul 21 j 07:22 -791 Jul 28 j 12:21 -791 Aug 01 j 02:17 -791 Aug 03 j 21:16 -791 Aug 04 j 01:48 -791 Aug 06 j 11:14 -791 Aug 10 j 16:24 -791 Aug 13 j 05:32 -791 Aug 17 j 15:04 -791 Aug 19 j 17:06 -791 Aug 19 j 20:52 -791 Sep 05 j 07:17 -791 Sep 07 j 18:02  -791 Sep 16 j 23:36 -791 Sep 23 j 15:06 -791 Sep 25 j 14:53 -791 Sep 26 j 19:50   | 13°807'10  27°844'21 27°831'23 0° II 1° II 06'15 13° II 08'16 0° © 26° © 03'47 0° A 3° A 25'51 10° A 45'32 8° A 10'53 5° A 09'49 2° A 25'30 2° A 14'23 30° R© 27° © 14'38 26° © 44'15 28° © 16'08 0° A 0° A 09'12 25° A 41'03 0° II 15° II 52'39 16° II 14'07 26° II 48'11 0° Ω 1° Ω 55'20   | 1°05'38  1.33082 AU  27°24'27  0.63009 AU -3°52'58 3°51'56  17°53'45  1°02'00 1°01'24 1.43542 AU | superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj minimum elong max. Earth dist. evening rise disc. node   | -790 May 08 j 12:51  -790 May 12 j 21:40 -790 May 12 j 19:51 -790 May 13 j 10:42 -790 May 19 j 22:13 -790 May 20 j 23:27 -790 Jun 06 j 22:20 -790 Jun 17 j 17:30 -790 Jul 19 j 18:56 -790 Jul 03 j 17:38 -790 Jul 10 j 16:27 -790 Jul 17 j 14:15 -790 Jul 17 j 17:31 -790 Jul 17 j 17:31 -790 Jul 24 j 20:19 -790 Jul 27 j 08:03 -790 Aug 03 j 10:19 -790 Aug 04 j 12:05 -790 Aug 19 j 08:36  -790 Aug 29 j 11:28 -790 Aug 29 j 15:42 -790 Aug 31 j 00:51 -790 Sep 10 j 10:08 -790 Sep 11 j 23:44 -790 Sep 13 j 16:52 -790 Sep 18 j 10:19 -790 Oct 09 j 15:57 | 3°812'25  12°844'13 12°834'12 13°855'35 27°849'47 0° II 0° II 0° II 0° II 13° II 23°  | 0°44'20<br>1.32548 AU<br>26°59'59<br>0.61083 AU<br>-4°26'43<br>4°26'18<br>18°02'15<br>1°29'12<br>1°28'49<br>1.41938 AU |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 60 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | cal year style is used: Th | ne year -900 in            | astronomical coun | ting style is the year 9 | 01 BCE in historical cou | nting style.        | ,          |
|----------------------|----------------------------|----------------------------|-------------------|--------------------------|--------------------------|---------------------|------------|
| asc. node            | -790 Oct 31 j 11:19        | 7° <b>™</b> 19'05          |                   | evening set              | -789 Oct 13 j 06:57      | 23° <b>≏</b> 37'42  |            |
| inferior conj        | -790 Nov 03 j 08:51        | 3° <b>M</b> 29′28          | 0°59'12           | min. Earth dist.         | -789 Oct 18 j 04:10      | 17° <b>≏</b> 55'43  | 0.67550 AU |
| minimum elong        | -790 Nov 03 j 07:31        | 3° <b>™</b> 34'06          | 0°58'39           | asc. node                | -789 Oct 18 j 08:20      | 17° <b>≏</b> 41'33  |            |
| min. Earth dist.     | -790 Nov 03 j 07:38        | 3°M33'41                   | 0.67604 AU        | inferior conj            | -789 Oct 18 j 15:41      | 17° <b>≏</b> 16′27  | 0°06'21    |
|                      | -790 Nov 05 j 23:49        | 30° <b>ŖΩ</b>              |                   | minimum elong            | -789 Oct 18 j 15:32      | 17° <b>≏</b> 16'59  | 0°06'17    |
| morning rise         | -790 Nov 08 j 14:11        | 27° <b>≙</b> 17'09         |                   | transit middle           | -789 Oct 18 j 15:32      | 17° <b>≏</b> 16'59  | 0°06'17    |
| direct               | -790 Nov 13 j 05:07        | 25° <b>≏</b> 23'00         |                   | transit begin            | -789 Oct 18 j 13:02      | 17° <b>≏</b> 25'31  |            |
|                      | -790 Nov 21 j 16:02        | 0°M                        |                   | transit end              | -789 Oct 18 j 18:02      | 17° <b>≏</b> 08'26  |            |
| morning max el       | -790 Nov 22 j 16:13        | 0° <b>™</b> 59'18          | 22°18'56          | morning rise             | -789 Oct 24 j 00:02      | 11° <b>≏</b> 08'17  |            |
| desc. node           | -790 Dec 10 j 16:09        | 24°M25'06                  |                   | direct                   | -789 Oct 28 j 01:11      | 9° <b>£</b> 35'56   |            |
|                      | -790 Dec 14 j 10:27        | 0° <b>∡</b> ¹              |                   | morning max el           | -789 Nov 05 j 09:35      | 14° <b>≏</b> 28'33  | 20°58'30   |
| morning set          | -790 Dec 26 j 00:02        | 18° <b>∡</b> 03'12         |                   |                          | -789 Nov 17 j 14:11      | $0^{\circ}$ M       |            |
| max. Earth dist.     | -790 Dec 31 j 10:53        | 27° <b>∡</b> ¹03'56        | 1.40811 AU        | desc. node               | -789 Nov 27 j 13:11      | 14°M40'43           |            |
|                      | -789 Jan 02 j 04:22        | 0°ප                        |                   | morning set              | -789 Dec 05 j 06:18      | 26°M32'20           |            |
|                      |                            |                            |                   |                          | -789 Dec 07 j 11:11      | 0° <b>∡</b> ¹       |            |
| superior conj        | -789 Jan 08 j 05:57        | 10° <b>る</b> 36'22         | -2°00'23          | max. Earth dist.         | -789 Dec 13 j 14:47      | 9° <b>∡</b> 751′25  | 1.42708 AU |
| minimum elong        | -789 Jan 08 j 06:38        | 10° <b>る</b> 39'25         | 2°00'24           |                          | · ·                      |                     |            |
| evening rise         | -789 Jan 18 j 10:16        | 29° <b>る</b> 22'24         |                   | superior conj            | -789 Dec 20 j 14:00      | 21° <b>∡</b> ¹25'38 | -1°55'52   |
| Ü                    | -789 Jan 18 j 18:17        | 0° <b>≈</b>                |                   | minimum elong            | -789 Dec 20 j 10:23      | 21° <b>∡</b> 10′20  |            |
| asc. node            | -789 Jan 27 j 10:36        | 15° <b>≈</b> 36'55         |                   | Z .                      | -789 Dec 25 j 13:37      | ರ°ರ                 |            |
| evening max el       | -789 Feb 03 j 16:52        | 25° <b>≈</b> 24'07         | 18°17'59          | evening rise             | -788 Jan 01 j 06:13      | 11° <b>ප</b> 51'01  |            |
| retrograde           | -789 Feb 10 j 20:29        | 28° <b>≈</b> 57'32         |                   |                          | -788 Jan 11 j 17:52      | 0° <b>≈</b>         |            |
| evening set          | -789 Feb 13 j 09:38        | 28° <b>≈</b> 31'30         |                   | asc. node                | -788 Jan 14 j 07:38      | 3°≈50'00            |            |
| inferior conj        | -789 Feb 20 j 11:53        | 23°≈50'30                  | 3°34'50           | evening max el           | -788 Jan 18 j 03:49      | 8°≈28'15            | 18°07'45   |
| minimum elong        | -789 Feb 20 j 14:38        | 23° <b>≈</b> 44'36         | 3°34'29           | retrograde               | -788 Jan 24 j 18:44      | 11°≈53'36           | 10 07 15   |
| min. Earth dist.     | -789 Feb 23 j 21:34        | 20°≈56'45                  |                   | evening set              | -788 Jan 27 j 12:12      | 11°≈18'38           |            |
| morning rise         | -789 Feb 27 j 17:25        | 20 ≈3043<br>18°≈14'51      | 0.39329 AU        | inferior conj            | -788 Feb 03 j 00:49      | 6°≈16'14            | 2052121    |
| direct               | -789 Mar 06 j 04:08        | 16°≈22'12                  |                   | minimum elong            | -788 Feb 03 j 00:49      |                     | 3°52'21    |
| desc. node           | ·                          |                            |                   | •                        |                          |                     | 0.61613 AU |
|                      | -789 Mar 08 j 15:18        | 16°≈38'08                  | 27011151          | min. Earth dist.         | -788 Feb 06 j 01:32      | 3°≈18'14            | 0.01013 AU |
| morning max el       | -789 Mar 20 j 11:10        | 24°≈05'39                  | 2/*11/51          | morning rise             | -788 Feb 09 j 12:54      | 0°≈25'05            |            |
|                      | -789 Mar 25 j 19:52        | 0° <b>Υ</b><br>0° <b>Υ</b> |                   | T' 4                     | -788 Feb 10 j 03:58      | 30°Rる               |            |
|                      | -789 Apr 14 j 01:02        |                            |                   | direct                   | -788 Feb 16 j 11:29      | 27° <b>る</b> 59'03  |            |
| morning set          | -789 Apr 20 j 06:47        | 12° <b>Y</b> ′24'39        |                   |                          | -788 Feb 23 j 05:29      | 0° <b>≈</b>         |            |
| asc. node            | -789 Apr 25 j 09:53        | 23° <b>Y</b> ′22'52        |                   | desc. node               | -788 Feb 23 j 12:20      | 0°≈09'53            | 27044102   |
|                      | 500 t                      | 2500012150                 | 0000140           | morning max el           | -788 Mar 01 j 13:40      |                     | 27°44'02   |
| superior conj        | -789 Apr 27 j 09:23        | 27° <b>Y</b> '42'58        |                   |                          | -788 Mar 19 j 18:52      | 0° <b>∀</b>         |            |
| minimum elong        | -789 Apr 27 j 08:28        | 27° <b>Y</b> 37'55         | 0°20'37           | morning set              | -788 Apr 03 j 11:48      | 26° <b>)</b> 58'49  |            |
| max. Earth dist.     | -789 Apr 26 j 23:33        |                            | 1.32375 AU        |                          | -788 Apr 04 j 22:54      | 0° <b>Υ</b>         |            |
|                      | -789 Apr 28 j 10:22        | 0°8                        |                   | max. Earth dist.         | -788 Apr 09 j 10:37      | 9°'γ'33'29          | 1.32571 AU |
| evening rise         | -789 May 04 j 07:21        | 12° <b>8</b> 41'42         |                   |                          |                          | ••                  |            |
|                      | -789 May 13 j 03:01        | $\Pi$ °0                   |                   | superior conj            | -788 Apr 10 j 20:01      | 12° <b>Ƴ</b> 34'54  |            |
| evening max el       | -789 Jun 01 j 17:50        | 27° <b>Ⅱ</b> 26′18         | 26°03'32          | minimum elong            | -788 Apr 10 j 20:14      | 12° <b>Ƴ</b> 36′07  | 0°04'47    |
| desc. node           | -789 Jun 04 j 14:31        | 29° <b>Ⅱ</b> 56'49         |                   | behind sun begin         | -788 Apr 10 j 15:21      | 12° <b>Y</b> 09'30  |            |
|                      | -789 Jun 04 j 16:07        | 0ಂ <b>ತಾ</b>               |                   | behind sun end           | -788 Apr 11 j 01:07      | 13° <b>Y</b> 02'45  |            |
| retrograde           | -789 Jun 15 j 19:17        | 4° <b>©</b> 40'03          |                   | asc. node                | -788 Apr 11 j 06:56      | 13° <b>Ƴ</b> 34'25  |            |
| evening set          | -789 Jun 21 j 23:29        | 3° <b>©</b> 07'00          |                   | evening rise             | -788 Apr 17 j 18:42      | 27° <b>Y</b> 37'02  |            |
| min. Earth dist.     | -789 Jun 26 j 06:37        | 0° <b>ട്</b> 27'26         | 0.59026 AU        |                          | -788 Apr 18 j 21:56      | $9^{\circ}$ 8       |            |
|                      | -789 Jun 26 j 21:40        | 30°Ŗ <b>Ⅱ</b>              |                   |                          | -788 May 06 j 04:20      | $\Pi$ °0            |            |
| inferior conj        | -789 Jun 29 j 14:35        | 27° <b>Ⅱ</b> 57'20         |                   | evening max el           | -788 May 13 j 10:41      | 8° <b>Ⅱ</b> 23'47   | 24°41'41   |
| minimum elong        | -789 Jun 29 j 14:40        | 27° <b>Ⅲ</b> 57'11         | 4°40'11           | desc. node               | -788 May 21 j 11:32      | 14° <b>Ⅱ</b> 07'17  |            |
| morning rise         | -789 Jul 07 j 08:12        | 23° <b>Ⅱ</b> 29'38         |                   | retrograde               | -788 May 27 j 09:45      | 15° <b>Ⅲ</b> 27'39  |            |
| direct               | -789 Jul 09 j 20:21        | 23° <b>Ⅲ</b> 08′23         |                   | evening set              | -788 Jun 01 j 07:45      | 14° <b>Ⅲ</b> 33′00  |            |
| morning max el       | -789 Jul 17 j 18:32        | 26° <b>Ⅱ</b> 55'10         | 18°30'37          | min. Earth dist.         | -788 Jun 06 j 22:18      | 11° <b>Ⅲ</b> 39'16  | 0.57110 AU |
|                      | -789 Jul 20 j 13:45        | $0$ $\circ$ $\odot$        |                   | inferior conj            | -788 Jun 09 j 19:19      | 9° <b>Ⅱ</b> 46'51   | -4°21'40   |
| asc. node            | -789 Jul 22 j 09:07        | 2° <b>©</b> 24'21          |                   | minimum elong            | -788 Jun 09 j 14:56      | 9° <b>∏</b> 54′04   | 4°21'05    |
| morning set          | -789 Aug 02 j 22:44        | 22° <b>©</b> 39'31         |                   | morning rise             | -788 Jun 18 j 00:55      | 5° <b>Ⅱ</b> 39'29   |            |
|                      | -789 Aug 06 j 18:08        | $0^{\circ}\Omega$          |                   | direct                   | -788 Jun 20 j 14:46      | 5° <b>Ⅱ</b> 20'48   |            |
|                      |                            |                            |                   | morning max el           | -788 Jun 29 j 18:38      | 9° <b>Ⅱ</b> 36'39   | 19°19'48   |
| superior conj        | -789 Aug 11 j 22:13        | 9° <b>Ω</b> 47'27          | 1°43'41           | asc. node                | -788 Jul 08 j 06:10      | 20° <b>Ⅱ</b> 47'17  |            |
| minimum elong        | -789 Aug 12 j 00:15        | 9° <b>Ω</b> 56'57          | 1°43'35           |                          | -788 Jul 13 j 09:00      | 0°€                 |            |
| max. Earth dist.     | -789 Aug 19 j 05:56        | 22° <b>Ω</b> 58'37         | 1.40010 AU        | morning set              | -788 Jul 16 j 21:57      | 6°955'49            |            |
|                      | -789 Aug 23 j 08:38        | 0° <b>m</b> y              |                   | -                        | •                        |                     |            |
| evening rise         | -789 Aug 23 j 13:29        | 0° m/20'17                 |                   | superior conj            | -788 Jul 25 j 02:13      | 23°5511'28          | 1°47'37    |
| desc. node           | -789 Aug 31 j 13:53        | 13° m) 16'21               |                   | minimum elong            | -788 Jul 25 j 02:09      |                     | 1°47'38    |
|                      | -789 Sep 11 j 20:28        | 0° <b>⊽</b>                |                   | ,                        | -788 Jul 28 j 15:19      | 0°Ω                 |            |
| evening max el       | -789 Sep 27 j 11:16        |                            | 23°42'40          | max. Earth dist.         | -788 Jul 31 j 08:57      | 5° <b>Ω</b> 05'36   | 1.38014 AU |
| retrograde           | -789 Oct 08 j 04:09        | 25° <b>Ω</b> 45'45         |                   | evening rise             | -788 Aug 04 j 04:15      | 11° <b>Ω</b> 56′09  | -          |
|                      | J                          |                            |                   | U                        | <i>U J</i>               |                     |            |

| •  | •  |                                 | •                  | · · ·                     | 01 BCE in historical cou                   | , ,                                     | 50 01      |
|--|--|---------------------------------|--------------------|---------------------------|--|---|------------|
| Tree in the second in the seco | -788 Aug 15 j 01:17                        | 0° m)                           | ustronomical count | desc. node                | -787 Aug 04 j 07:53                        | 23° <b>Ω</b> 51'56                      |            |
| desc. node   | -788 Aug 17 j 10:52                        | 3° Mp 42'26                     |                    | dese. Hode                | -787 Aug 08 j 14:46                        | 0° m)                                   |            |
| dese. Hode   | -788 Sep 06 j 01:26                        | ე° <b>ი</b>                     |                    | evening max el            | -787 Aug 22 j 10:24                        | 16° Mp 37'53                            | 26°08'21   |
| evening max el   | -788 Sep 08 j 22:58                        | ა <u>~</u><br>3° <b>ჲ</b> 01'44 | 25°00'32           | retrograde                | -787 Sep 04 j 00:07                        | 23° Mp 46'17                            | 20 0021    |
| retrograde   | -788 Sep 20 j 16:28                        | 9° <b>≙</b> 49'58               | 23 00 32           | evening set               | -787 Sep 10 j 08:08                        | 21° Mp 06'51                            |            |
| evening set  | -788 Sep 26 j 10:04                        | 7° <b>≏</b> 24'31               |                    | min. Earth dist.          | -787 Sep 14 j 12:46                        |   | 0.66478 AU |
| min. Earth dist.   | -788 Sep 30 j 22:40                        | 2° <b>£</b> 17'23               | 0.67180 AU         | inferior conj             | -787 Sep 15 j 22:24                        | 14° m) 51'56                            |            |
| inferior conj  | -788 Oct 01 j 20:48                        | 1° <b>Ω</b> 04'33               |                    | minimum elong             | -787 Sep 16 j 01:00                        | 14° Mp 43'50                            |            |
| minimum elong  | -788 Oct 01 j 20:48                        | 1° <b>⊆</b> 00'36               | 0°48'07            | asc. node                 | -787 Sep 10 j 01:00                        | 9° My 26'31                             | 1 43 02    |
| minimum ciong  | -788 Oct 01 j 22:00                        | 1 ==00 30<br>30°R, m)           | 0 4807             | morning rise              | -787 Sep 21 j 18:10                        | 9° m) 00'47                             |            |
| asc. node  | -788 Oct 02 j 10.32                        | 28°M) 05'35                     |                    | direct                    | -787 Sep 24 j 21:27                        | 8° Mp 04'25                             |            |
| morning rise   | -788 Oct 04 j 03:23                        | 25° m 03'26                     |                    | morning max el            | -787 Oct 01 j 18:40                        | 11° m) 55'40                            | 10055146   |
| direct   | -788 Oct 10 j 23:09                        | 23° m 50'44                     |                    | morning max er            | -787 Oct 01 j 18.40                        | 0∘ <b>⊽</b>                             | 16 33 40   |
|  |  | 23° My 07'41                    | 19°49'49           | marning sat               | ·  | 0 <b>==</b><br>13° <b>£</b> 44'12       |            |
| morning max el   | -788 Oct 18 j 10:34                        | وم الله 10/41<br>0°             | 19 4949            | morning set<br>desc. node | -787 Oct 23 j 15:10                        | 15 <b>=</b> 44 12<br>25° <b>Ω</b> 48'31 |            |
|  | -788 Oct 20 j 04:08                        | 0°M                             |                    | desc. node                | -787 Oct 31 j 07:15                        | 0°M                                     |            |
| morning set  | -788 Nov 10 j 01:53<br>-788 Nov 13 j 03:13 | 4°M42'50                        |                    | Foods died                | -787 Nov 02 j 23:17<br>-787 Nov 07 j 19:26 |   | 1.44889 AU |
| Č  | ,  |                                 |                    | max. Earth dist.          | -/8/ NOV 0/J 19.20                         | / 1163032                               | 1.44889 AU |
| desc. node   | -788 Nov 13 j 10:13                        | 5°M09'52                        | 1 44126 ATT        |                           | 707 N 00 : 01 10                           | 0070 24114                              | 0055101    |
| max. Earth dist.   | -788 Nov 25 j 02:34                        | 23°M28'35                       | 1.44126 AU         | superior conj             | -787 Nov 09 j 01:19                        | 9°M34'14                                |            |
|  | -788 Nov 29 j 04:15                        | 0° <b>∡</b> 7                   |                    | minimum elong             | -787 Nov 08 j 18:33                        | 9°M07'35                                | 0°54'13    |
|  | <b>5</b> 0037 <b>2</b> 0:1001              | 00 350140                       | 100.010            |                           | -787 Nov 21 j 21:07                        | 0° <b>₹</b> ¹                           |            |
| superior conj  | -788 Nov 29 j 19:01                        | 0° <b>√</b> 59'40               |                    | evening rise              | -787 Nov 24 j 10:26                        | 4° <b>∡</b> 107'54                      |            |
| minimum elong  | -788 Nov 29 j 11:23                        | 0° <b>∡</b> 728'49              | 1°33'30            |                           | -787 Dec 10 j 22:14                        | 0°る                                     | 10040150   |
| evening rise   | -788 Dec 13 j 07:36                        | 23° <b>₹</b> 28'24              |                    | evening max el            | -787 Dec 15 j 03:52                        | 5° <b>る</b> 08'52                       | 18°43'52   |
| _  | -788 Dec 17 j 03:37                        | 0° <b>ろ</b>                     |                    | asc. node                 | -787 Dec 18 j 01:44                        | 7° <b>る</b> 37'25                       |            |
| asc. node  | -788 Dec 31 j 04:41                        | 21° <b>る</b> 14'38              |                    | retrograde                | -787 Dec 21 j 21:03                        | 8° <b>ろ</b> 54'58                       |            |
| evening max el   | -788 Dec 31 j 16:21                        | 21° <b>る</b> 45'00              | 18°16'39           | evening set               | -787 Dec 25 j 00:06                        | 7° <b>る</b> 59'22                       |            |
| retrograde   | -787 Jan 07 j 04:19                        | 25° <b>る</b> 15'20              |                    | inferior conj             | -787 Dec 30 j 18:54                        | 2° <b>る</b> 19'07                       |            |
| evening set  | -787 Jan 10 j 02:06                        | 24° <b>る</b> 30'37              |                    | minimum elong             | -787 Dec 30 j 16:21                        | 2° <b>る</b> 26'52                       |            |
| inferior conj  | -787 Jan 16 j 04:25                        | 19° <b>ろ</b> 08'05              |                    | min. Earth dist.          | -786 Jan 01 j 14:03                        | 0° <b>る</b> 08'22                       | 0.65063 AU |
| minimum elong  | -787 Jan 16 j 02:55                        |                                 | 3°47'27            |                           | -786 Jan 01 j 16:52                        | 30°Ŗ <b>⋌</b> ¹                         |            |
| min. Earth dist.   | -787 Jan 18 j 14:50                        | 16° <b>る</b> 26'57              | 0.63506 AU         | morning rise              | -786 Jan 05 j 08:13                        | 26° <b>∡</b> 11′22                      |            |
| morning rise   | -787 Jan 22 j 03:04                        | 13° <b>る</b> 06'55              |                    | direct                    | -786 Jan 12 j 01:18                        | 23° <b>∡</b> 19'17                      |            |
| direct   | -787 Jan 29 j 02:53                        | 10° <b>る</b> 20'29              |                    |                           | -786 Jan 24 j 05:47                        | 0°ಕ                                     |            |
| desc. node   | -787 Feb 09 j 09:24                        | 15° <b>る</b> 50'31              |                    | morning max el            | -786 Jan 25 j 06:52                        | 1° <b>る</b> 01'14                       | 27°01'14   |
| morning max el   | -787 Feb 11 j 21:08                        | 18° <b>る</b> 10'06              | 27°39'23           | desc. node                | -786 Jan 27 j 06:28                        | 3° <b>る</b> 05'14                       |            |
|  | -787 Feb 21 j 20:39                        | 0° <b>≈</b>                     |                    |                           | -786 Feb 15 j 21:54                        | 0° <b>≈</b>                             |            |
|  | -787 Mar 12 j 14:42                        | 0° <b>ℋ</b>                     |                    | morning set               | -786 Mar 01 j 23:06                        | 24° <b>≈</b> 47'33                      |            |
| morning set  | -787 Mar 18 j 10:17                        | 11° <b>∺</b> 09'41              |                    |                           | -786 Mar 04 j 14:56                        | 0° <b>ℋ</b>                             |            |
| max. Earth dist.   | -787 Mar 23 j 16:03                        | 21° <b>¥</b> 56′00              | 1.33156 AU         | max. Earth dist.          | -786 Mar 06 j 11:55                        | 3° <b>¥</b> 45'45                       | 1.34172 AU |
|  |  |                                 |                    |                           |  |   |            |
| superior conj  | -787 Mar 26 j 03:47                        | 27° <b>¥</b> 13'53              |                    | superior conj             | -786 Mar 10 j 06:41                        | 11° <b>)</b> 33′42                      |            |
| minimum elong  | -787 Mar 26 j 05:16                        | 27° <b>¥</b> 21′50              | 0°30'59            | minimum elong             | -786 Mar 10 j 09:22                        | 11° <b>)</b> 47′43                      | 0°57'01    |
|  | -787 Mar 27 j 10:41                        | 0° <b>Υ</b>                     |                    | asc. node                 | -786 Mar 16 j 01:04                        | 23° <b>)</b> 43′49                      |            |
| asc. node  | -787 Mar 29 j 04:00                        | 3° <b>Y</b> '42'48              |                    | evening rise              | -786 Mar 17 j 16:40                        | 27° <b>∺</b> 11'21                      |            |
| evening rise   | -787 Apr 02 j 06:25                        | 12° <b>Y</b> 29'01              |                    |                           | -786 Mar 19 j 01:16                        | 0° <b>Υ</b>                             |            |
|  | -787 Apr 11 j 05:39                        | 0° <b>8</b>                     |                    | evening max el            | -786 Apr 06 j 21:35                        | 29° <b>Ƴ</b> 44'35                      | 21°35'03   |
| evening max el   | -787 Apr 25 j 01:36                        | 18° <b>8</b> 59'53              | 23°07'20           |                           | -786 Apr 07 j 04:04                        | 0° <b>8</b>                             |            |
| retrograde   | -787 May 08 j 11:46                        | 25° <b>8</b> 40'16              |                    | retrograde                | -786 Apr 19 j 03:34                        | 5° <b>8</b> 42'09                       |            |
| desc. node   | -787 May 08 j 08:33                        | 25° <b>8</b> 40'13              |                    | evening set               | -786 Apr 21 j 15:01                        | 5° <b>8</b> 28'15                       |            |
| evening set  | -787 May 11 j 23:43                        | 25° <b>8</b> 13'26              |                    | desc. node                | -786 Apr 25 j 05:37                        | 4° <b>8</b> 23'02                       |            |
| min. Earth dist.   | -787 May 19 j 11:15                        | 21° <b>8</b> 52'42              | 0.55670 AU         | inferior conj             | -786 May 01 j 00:33                        | 1° <b>8</b> 26'20                       | -1°37'53   |
| inferior conj  | -787 May 21 j 04:27                        | 20° <b>8</b> 52'40              | -3°20'18           | minimum elong             | -786 Apr 30 j 20:01                        |   | 1°36'19    |
| minimum elong  | -787 May 20 j 21:26                        | 21° <b>8</b> 02'56              | 3°18'29            | min. Earth dist.          | -786 May 01 j 00:20                        | 1° <b>8</b> 26'38                       | 0.55028 AU |
| morning rise   | -787 May 29 j 21:45                        | 16° <b>8</b> 57'52              |                    |                           | -786 May 03 j 15:17                        | 30° <b>₹Ƴ</b>                           |            |
| direct   | -787 Jun 01 j 14:22                        | 16° <b>8</b> 40'29              |                    | morning rise              | -786 May 10 j 01:47                        | 27° <b>Y</b> 27'30                      |            |
| morning max el   | -787 Jun 12 j 08:24                        | 21° <b>8</b> 39'24              | 20°29'48           | direct                    | -786 May 13 j 01:45                        | 27° <b>Ƴ</b> 07'46                      |            |
|  | -787 Jun 19 j 06:26                        | $\Pi$ $\circ 0$                 |                    |                           | -786 May 21 j 17:16                        | $9^{\circ}$ 8                           |            |
| asc. node  | -787 Jun 25 j 03:15                        | 9° <b>Ⅱ</b> 46'54               |                    | morning max el            | -786 May 25 j 11:16                        | 2° <b>8</b> 59'32                       | 21°57'54   |
| morning set  | -787 Jul 01 j 03:27                        | 21° <b>Ⅱ</b> 32'48              |                    | asc. node                 | -786 Jun 12 j 00:19                        | 29° <b>8</b> 13'17                      |            |
|  | -787 Jul 05 j 05:56                        | $0$ $\circ$ $\odot$             |                    |                           | -786 Jun 12 j 09:45                        | $\Pi$ °0                                |            |
|  |  |                                 |                    | morning set               | -786 Jun 15 j 12:54                        | 6° <b>Ⅲ</b> 22'54                       |            |
| superior conj  | -787 Jul 08 j 18:40                        | 7° <b>5</b> 014'30              | 1°43'17            |                           |  |   |            |
| minimum elong  | -787 Jul 08 j 17:07                        | 7° <b>5</b> 06'39               | 1°43'14            | superior conj             | -786 Jun 22 j 19:39                        | 21° <b>Ⅱ</b> 43'56                      | 1°32'34    |
| max. Earth dist.   | -787 Jul 13 j 15:36                        | 16° <b>©</b> 55'48              | 1.36180 AU         | minimum elong             | -786 Jun 22 j 17:18                        | 21° <b>Ⅱ</b> 31'39                      | 1°32'21    |
| evening rise   | -787 Jul 17 j 16:40                        | 24° <b>©</b> 35'51              |                    | max. Earth dist.          | -786 Jun 26 j 06:24                        | 28° <b>Ⅲ</b> 52′23                      | 1.34669 AU |
|  | -787 Jul 20 j 16:00                        | $0$ ° $\Omega$                  |                    |                           | -786 Jun 26 j 19:41                        | $0$ $\circ$                             |            |
|  |  |                                 |                    |                           |  |   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 62 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom               | ical year style is used: Tl                | ne year -900 in                                       | astronomical cour | nting style is the year           | 901 BCE in historical cou                  | nting style.                           |                       |
|-----------------------------------|--|---|-------------------|-----------------------------------|--|--|-----------------------|
| evening rise                      | -786 Jun 30 j 21:36                        | 8° <b>©</b> 05'03                                     |                   | minimum elong                     | -785 Jun 06 j 23:46                        | 6° <b>Ⅱ</b> 17'13                      | 1°16'31               |
|                                   | -786 Jul 13 j 05:29                        | $0^{\circ}\Omega$                                     |                   | max. Earth dist.                  | -785 Jun 09 j 06:46                        | 11° <b>Ⅱ</b> 10′56                     | 1.33551 AU            |
| desc. node                        | -786 Jul 22 j 04:55                        | 13° <b>Ω</b> 36'32                                    |                   | evening rise                      | -785 Jun 14 j 14:35                        | 22° <b>Ⅱ</b> 10′53                     |                       |
|                                   | -786 Aug 04 j 18:43                        | 0° <b>™</b>   |                   |                                   | -785 Jun 18 j 14:59                        | 0                                      |                       |
| evening max el                    | -786 Aug 04 j 22:06                        | 0° <b>™</b> 08'09                                     | 26°58'31          |                                   | -785 Jul 07 j 00:26                        | $0$ $^{\circ}\Omega$                   |                       |
| retrograde                        | -786 Aug 18 j 02:40                        | 7° <b>™</b> 26'50                                     |                   | desc. node                        | -785 Jul 09 j 01:56                        | 2° <b>Ω</b> 45′29                      |                       |
| evening set                       | -786 Aug 24 j 22:48                        | 4° <b>m</b> 40'34                                     |                   | evening max el                    | -785 Jul 18 j 09:15                        | 13° <b>Ω</b> 22'24                     | 27°23'42              |
| min. Earth dist.                  | -786 Aug 28 j 20:10                        |   | 0.65414 AU        | retrograde                        | -785 Jul 31 j 23:29                        | 20° <b>Ω</b> 43′01                     |                       |
|                                   | -786 Aug 29 j 12:49                        | 30° <b>₹</b> Ω  |                   | evening set                       | -785 Aug 08 j 03:06                        | 18° <b>Ω</b> 00′38                     |                       |
| inferior conj                     | -786 Aug 30 j 18:23                        | 28° <b>Ω</b> 34'17                                    |                   | min. Earth dist.                  | -785 Aug 11 j 18:50                        |  | 0.63983 AU            |
| minimum elong                     | -786 Aug 30 j 22:13                        | 28° <b>Ω</b> 23'14                                    | 2°36'43           | inferior conj                     | -785 Aug 14 j 06:18                        | 12° <b>Ω</b> 06'35                     |                       |
| morning rise                      | -786 Sep 05 j 22:13                        | 22° <b>Ω</b> 56'10                                    |                   | minimum elong                     | -785 Aug 14 j 10:50                        | 11° <b>Ω</b> 54'39                     | 3°26'34               |
| asc. node                         | -786 Sep 07 j 23:31                        | 22° <b>Ω</b> 15'47                                    |                   | morning rise                      | -785 Aug 20 j 19:30                        | 6° <b>Ω</b> 44'36                      |                       |
| direct                            | -786 Sep 08 j 18:01                        | 22°Ω12'31   |                   | direct                            | -785 Aug 23 j 10:19                        | 6° <b>Ω</b> 10′13                      |                       |
| morning max el                    | -786 Sep 15 j 07:45                        | 25° <b>Ω</b> 47'14                                    | 18°17'56          | asc. node                         | -785 Aug 25 j 20:34                        | 6° <b>Ω</b> 40'04                      |                       |
|                                   | -786 Sep 18 j 21:20                        | 0° m/y  |                   | morning max el                    | -785 Aug 29 j 23:08                        | 9° <b>Ω</b> 36'39                      | 17°57'21              |
| morning set                       | -786 Oct 04 j 06:47                        | 24° m 08'03   |                   |                                   | -785 Sep 12 j 15:51                        | 0° my                                  |                       |
|                                   | -786 Oct 07 j 20:57                        | 0∘ <b>⊽</b>   |                   | morning set                       | -785 Sep 16 j 01:19                        | 5° <b>m</b> 49'46                      |                       |
| desc. node                        | -786 Oct 18 j 04:17                        | 16° <b>≏</b> 32'45                                    |                   |                                   | 705 G 20:10.40                             | 270 m. 1712 f                          | 0040115               |
|                                   | 7060 + 10:02 26                            | 100 0 00107   | 000 (102          | superior conj                     | -785 Sep 28 j 19:48                        | 27° Mp 17'25                           |                       |
| superior conj                     | -786 Oct 19 j 02:26                        | 18° <b>£</b> 00'27                                    |                   | minimum elong                     | -785 Sep 28 j 23:59                        | 27° m/34'29                            | 0°39'42               |
| minimum elong                     | -786 Oct 19 j 01:39                        | 17° <b>£</b> 57'20                                    | 0°05'57           | D d E e                           | -785 Sep 30 j 11:47                        | 0∘ <b>ʊ</b>                            | 1 44000 444           |
| behind sun begin                  | -786 Oct 18 j 15:13                        | 17° <b>£</b> 16'04                                    |                   | max. Earth dist.                  | -785 Oct 04 j 07:07                        | 6° <b>Ω</b> 06'58                      | 1.44232 AU            |
| behind sun end                    | -786 Oct 19 j 12:04                        | 18° <b>£</b> 38'34                                    | 1 44010 411       | desc. node                        | -785 Oct 05 j 01:17                        | 7° <b>Ω</b> 19'17                      |                       |
| max. Earth dist.                  | -786 Oct 21 j 13:50                        | 21° <b>≙</b> 54'51                                    | 1.44919 AU        | evening rise                      | -785 Oct 14 j 22:57                        | 22° <b>Ω</b> 48'18                     |                       |
|                                   | -786 Oct 26 j 17:27                        | 0°M   |                   |                                   | -785 Oct 19 j 15:37                        | 0°M<br>0°. <b>7</b>                    |                       |
| evening rise                      | -786 Nov 04 j 13:27                        | 13°M48'39   |                   |                                   | -785 Nov 09 j 17:59                        | 0° 🗷                                   | 20027107              |
| 4 41 711                          | -786 Nov 14 j 23:16                        | 0° <b>⊼</b> 7   | 0.7               | evening max el                    | -785 Nov 11 j 15:20                        | 2°×704'07                              | 20°27'07              |
| greatest brilliancy               | -786 Nov 15 j 23:30                        | 1° 🗷 32'42  |                   | retrograde                        | -785 Nov 19 j 15:02                        | 6° <b>₹</b> 46'37                      |                       |
| evening max el                    | -786 Nov 28 j 12:05                        | 18° <b>₹</b> 36'03                                    | 19°28'04          | asc. node                         | -785 Nov 21 j 19:49                        | 6° ₹ 18'58                             |                       |
| asc. node                         | -786 Dec 04 j 22:46                        | 22° <b>×</b> <sup>7</sup> 43'22                       |                   | evening set                       | -785 Nov 23 j 09:55                        | 5° <b>∡</b> 723'44                     |                       |
| retrograde                        | -786 Dec 05 j 17:31                        | 22° 🖈 46'48   |                   | :c:                               | -785 Nov 28 j 07:22                        | 30°Rጤ<br>29°ጤ16'53                     | 201.4120              |
| evening set                       | -786 Dec 09 j 03:27                        | 21° <b>×</b> 38'38                                    | 2055100           | inferior conj                     | -785 Nov 28 j 20:08                        | 29 IL10 33<br>29°M25'43                |                       |
| inferior conj                     | -786 Dec 14 j 17:01                        | 15° <b>₹</b> 43'34<br>15° <b>₹</b> 52'52              |                   | minimum elong<br>min. Earth dist. | -785 Nov 28 j 17:32<br>-785 Nov 29 j 12:21 | 29°11L25'43<br>28°11L22'00             | 2°13'45<br>0.67043 AU |
| minimum elong<br>min. Earth dist. | -786 Dec 14 j 14:09<br>-786 Dec 15 j 21:57 | 13 <b>x</b> ·32 32<br>14° <b>x</b> <sup>7</sup> 09'46 |                   | morning rise                      | -785 Dec 04 j 00:56                        | 23°M03'20                              | 0.07043 AU            |
| morning rise                      | -786 Dec 13 j 21.37<br>-786 Dec 20 j 00:36 | 9° <b>×</b> <sup>7</sup> 31'49                        | 0.00238 AU        | direct                            | -785 Dec 04 j 00.36                        | 20°M34'49                              |                       |
| direct                            |  | 6° <b>₹</b> 46'54                                     |                   |                                   | -785 Dec 09 j 13.48                        | 20 IIL3449<br>27°IL21'25               | 24026105              |
| morning max el                    | -786 Dec 26 j 05:54<br>-785 Jan 07 j 16:16 | 14° <b>₹</b> 108'23                                   | 25°56'59          | morning max el                    | -785 Dec 23 j 12:14                        | 27 IIC21 23<br>0° <b>√</b>             | 24 30 03              |
| desc. node                        | -785 Jan 14 j 03:32                        | 21° 🗷 26'34   | 25 36 39          | desc. node                        | -784 Jan 01 j 00:33                        | 0 <b>x</b> .<br>10° <b>x</b> 34′22     |                       |
| desc. Hode                        | -785 Jan 20 j 15:27                        | 21 x 20 34<br>0°る                                     |                   | desc. Hode                        | -784 Jan 14 j 07:42                        | 10 x 34 22<br>0°る                      |                       |
|                                   | -785 Feb 08 j 16:03                        | 0°≈   |                   | morning set                       | -784 Jan 26 j 01:25                        | 0 8<br>19° <b>8</b> 29'03              |                       |
| morning set                       | -785 Feb 12 j 22:03                        | 0 ≈<br>7°≈39'46                                       |                   | max. Earth dist.                  | -784 Jan 29 j 17:41                        | 19 <b>3</b> 2903<br>26° <b>る</b> 04'03 | 1.37514 AU            |
| max. Earth dist.                  | -785 Feb 16 j 19:48                        | 7 ≈39 40<br>15°≈02'07                                 | 1.35639 AU        | max. Earth dist.                  | -784 Jan 31 j 20:55                        | 20 <b>3</b> 04 03 0° <b>≈</b>          | 1.37314 AU            |
| max. Earm dist.                   | -/65 Feb 10 j 19.46                        | 13 20207  | 1.33039 AU        |                                   | -764 Jan 31 J 20.33                        | 0 ~                                    |                       |
| superior conj                     | -785 Feb 22 j 02:15                        | 25° <b>≈</b> 27'03                                    | 1°22'01           | superior conj                     | -784 Feb 05 j 11:08                        | 8° <b>≈</b> 43'49                      | 10/12//3              |
| minimum elong                     | -785 Feb 22 j 05:47                        | 25°≈44'58   |                   | minimum elong                     | -784 Feb 05 j 14:46                        | 9° <b>≈</b> 01'25                      | 1°42'23               |
| minimum clong                     | -785 Feb 24 j 07:51                        | 0° <b>∀</b>   | 1 21 50           | evening rise                      | -784 Feb 14 j 00:29                        | 25°≈40'30                              | 1 42 23               |
| evening rise                      | -785 Mar 01 j 23:29                        | 11° <b>)</b> (37'47                                   |                   | evening rise                      | -784 Feb 16 j 05:04                        | 0° <b>∀</b>                            |                       |
| asc. node                         | -785 Mar 02 j 22:07                        | 13° <b>)</b> (33′01                                   |                   | asc. node                         | -784 Feb 17 j 19:09                        | 3° <b>)</b> €04'18                     |                       |
| ase. Hode                         | -785 Mar 11 j 17:47                        | 0°Υ   |                   | evening max el                    | -784 Mar 01 j 21:10                        | 22° <b>)</b> 55'37                     | 19°14'11              |
| evening max el                    | -785 Mar 20 j 03:52                        | 11° <b>Υ</b> 01'24                                    | 20°15'35          | retrograde                        | -784 Mar 10 j 19:11                        | 27° <b>)</b> 12'20                     | 17 1411               |
| retrograde                        | -785 Mar 30 j 17:46                        | 16° <b>Υ</b> 05'29                                    | 20 13 33          | evening set                       | -784 Mar 13 j 00:58                        | 26° <b>)</b> 57'19                     |                       |
| evening set                       | -785 Apr 01 j 21:10                        | 15°Υ53'55   |                   | inferior conj                     | -784 Mar 21 j 07:02                        | 22° <b>)</b> (37125                    | 2°03'25               |
| inferior conj                     | -785 Apr 10 j 21:00                        | 11° <b>Y</b> 55'38                                    | 0°21'02           | minimum elong                     | -784 Mar 21 j 11:18                        | 22° <b>)</b> (40'14                    | 2°02'09               |
| minimum elong                     | -785 Apr 10 j 21:57                        | 11° <b>Y</b> 54'13                                    | 0°20'41           | min. Earth dist.                  | -784 Mar 24 j 05:29                        | 20° <b>)</b> 49'39                     | 0.56549 AU            |
| desc. node                        | -785 Apr 12 j 02:40                        | 11° <b>Υ</b> 11'40                                    |                   | desc. node                        | -784 Mar 28 j 23:43                        | 18° <b>)</b> 12'45                     |                       |
| min. Earth dist.                  | -785 Apr 12 j 14:24                        | 10° <b>Υ</b> 54'24                                    | 0.55348 AU        | morning rise                      | -784 Mar 29 j 18:46                        | 17° <b>)</b> 53'58                     |                       |
| morning rise                      | -785 Apr 19 j 20:59                        | 7° <b>Υ</b> 34'04                                     |                   | direct                            | -784 Apr 03 j 15:33                        | 16° <b>X</b> 59'13                     |                       |
| direct                            | -785 Apr 23 j 14:58                        | 7° <b>Υ</b> 03'21                                     |                   | morning max el                    | -784 Apr 17 j 20:02                        | 24° <b>)</b> 15'04                     | 25°15'18              |
| morning max el                    | -785 May 07 j 05:27                        | 13° <b>Υ</b> 44'42                                    | 23°37'02          |                                   | -784 Apr 23 j 01:53                        | 0°Υ                                    |                       |
|                                   | -785 May 19 j 17:44                        | 0°8   | / -               |                                   | -784 May 11 j 10:42                        | 0°8                                    |                       |
| asc. node                         | -785 May 29 j 21:23                        | 18° <b>8</b> 59'25                                    |                   | morning set                       | -784 May 14 j 12:23                        | 6° <b>8</b> 19'37                      |                       |
| morning set                       | -785 May 31 j 00:26                        | 21° <b>8</b> 20'26                                    |                   | asc. node                         | -784 May 15 j 18:26                        | 8° <b>8</b> 58'53                      |                       |
|                                   | -785 Jun 04 j 01:47                        | 0°II  |                   |                                   |  | . 0.000                                |                       |
|                                   | , , , , , , , , , , , , , , , , , , ,      |   |                   | superior conj                     | -784 May 21 j 12:20                        | 21° <b>8</b> 27'11                     | 0°57'20               |
| superior conj                     | -785 Jun 07 j 02:18                        | 6° <b>Ⅱ</b> 30'47                                     | 1°16'53           | minimum elong                     | -784 May 21 j 10:08                        | 21° <b>8</b> 15'11                     | 0°56'56               |
| -                                 | -  |   |                   | -                                 | - •  |  |                       |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 63 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom       | ical year style is used: Tl                | ne year -900 in                     | astronomical cour | nting style is the year | 901 BCE in historical cou                  | nting style.                             | ,          |
|---------------------------|--|-------------------------------------|-------------------|-------------------------|--|--|------------|
| max. Earth dist.          | -784 May 22 j 14:53                        | -                                   | 1.32813 AU        | superior conj           | -783 May 05 j 23:56                        | 6° <b>8</b> 26'48                        | 0°34'48    |
|                           | -784 May 25 j 11:16                        | $\Pi$ $^{\circ}0$                   |                   | minimum elong           | -783 May 05 j 22:27                        | 6° <b>8</b> 18'41                        | 0°34'30    |
| evening rise              | -784 May 28 j 15:59                        | 6° <b>Ⅱ</b> 41'49                   |                   | max. Earth dist.        | -783 May 06 j 03:13                        | 6° <b>8</b> 44'48                        | 1.32437 AU |
|                           | -784 Jun 10 j 03:47                        | $0$ $\circ$ $\odot$                 |                   | evening rise            | -783 May 12 j 22:59                        | 21° <b>8</b> 28'27                       |            |
| desc. node                | -784 Jun 24 j 22:57                        | 21° <b>©</b> 03'57                  |                   |                         | -783 May 17 j 03:46                        | $\Pi^{\circ}0$                           |            |
| evening max el            | -784 Jun 29 j 17:35                        | 26° <b>©</b> 07'33                  | 27°18'15          |                         | -783 Jun 04 j 13:27                        | $0$ $\circ$ $\odot$                      |            |
|                           | -784 Jul 04 j 09:36                        | $0^{\circ}\Omega$                   |                   | desc. node              | -783 Jun 11 j 19:59                        | 8° <b>©</b> 10'27                        |            |
| retrograde                | -784 Jul 13 j 13:39                        | 3° <b>Ω</b> 25'57                   |                   | evening max el          | -783 Jun 11 j 20:19                        | 8°511'13                                 | 26°39'39   |
| evening set               | -784 Jul 20 j 17:16                        | 1° <b>Ω</b> 00′37                   |                   | retrograde              | -783 Jun 25 j 20:04                        | 15° <b>5</b> 26'57                       |            |
|                           | -784 Jul 22 j 02:47                        | 30° <b>₹</b> 5                      |                   | evening set             | -783 Jul 02 j 12:49                        | 13° <b>©</b> 31'49                       |            |
| min. Earth dist.          | -784 Jul 24 j 07:21                        | 28° <b>©</b> 09'17                  | 0.62214 AU        | min. Earth dist.        | -783 Jul 06 j 09:40                        | 10° <b>9</b> 53'24                       | 0.60209 AU |
| inferior conj             | -784 Jul 27 j 07:10                        | 25° <b>5</b> 21'58                  | -4°09'13          | inferior conj           | -783 Jul 09 j 17:28                        | 8° <b>©</b> 11'03                        | -4°35'35   |
| minimum elong             | -784 Jul 27 j 11:23                        | 25° <b>©</b> 12'07                  | 4°08'25           | minimum elong           | -783 Jul 09 j 19:38                        | 8° <b>5</b> 06'37                        | 4°35'24    |
| morning rise              | -784 Aug 03 j 06:49                        | 20° <b>©</b> 19'25                  |                   | morning rise            | -783 Jul 17 j 04:22                        | 3° <b>5</b> 30'39                        |            |
| direct                    | -784 Aug 05 j 19:07                        | 19° <b>©</b> 51'31                  |                   | direct                  | -783 Jul 19 j 16:16                        | 3° <b>©</b> 07'16                        |            |
| asc. node                 | -784 Aug 11 j 17:37                        | 22° <b>©</b> 30'24                  |                   | morning max el          | -783 Jul 27 j 01:36                        | 6° <b>©</b> 42'54                        | 18°11'55   |
| morning max el            | -784 Aug 12 j 14:04                        | 23° <b>©</b> 17'47                  | 17°55'01          | asc. node               | -783 Jul 29 j 14:40                        | 9° <b>©</b> 31'25                        |            |
|                           | -784 Aug 17 j 21:23                        | $0^{\circ}\Omega$                   |                   |                         | -783 Aug 10 j 22:46                        | $0$ $^{\circ}$ $\Omega$                  |            |
| morning set               | -784 Aug 28 j 17:06                        | 18° <b>Ω</b> 32'43                  |                   | morning set             | -783 Aug 12 j 00:22                        | 2° <b>Ω</b> 00′20                        |            |
|                           | -784 Sep 04 j 02:55                        | 0° <b>m</b>                         |                   |                         |  |  |            |
|                           |  |                                     |                   | superior conj           | -783 Aug 21 j 14:24                        | 19° <b>Ω</b> 48'34                       |            |
| superior conj             | -784 Sep 08 j 16:08                        | 7° <b>m</b> 54'33                   |                   | minimum elong           | -783 Aug 21 j 17:45                        | 20° <b>Ω</b> 03'43                       | 1°36'33    |
| minimum elong             | -784 Sep 08 j 21:11                        | 8°Mp 16'10                          |                   |                         | -783 Aug 27 j 09:07                        | 0° <b>Т</b> р                            |            |
| max. Earth dist.          | -784 Sep 15 j 20:51                        |                                     | 1.42915 AU        | max. Earth dist.        | -783 Aug 29 j 04:58                        |  | 1.41138 AU |
| desc. node                | -784 Sep 20 j 22:18                        | 28° Mp 05'10                        |                   | evening rise            | -783 Sep 03 j 06:55                        | 11° <b>m</b> 33'20                       |            |
|                           | -784 Sep 22 j 03:22                        | 0∘ <b>⊽</b>                         |                   | desc. node              | -783 Sep 07 j 19:19                        | 18° <b>m</b> 46'30                       |            |
| evening rise              | -784 Sep 23 j 07:01                        | 1° <b>Ω</b> 48'32                   |                   |                         | -783 Sep 15 j 03:24                        | 0∘ <b>ত</b>                              |            |
|                           | -784 Oct 12 j 04:50                        | 0°M                                 |                   | evening max el          | -783 Oct 07 j 04:44                        | 29° <b>≏</b> 01'45                       | 22°56'21   |
| evening max el            | -784 Oct 24 j 12:46                        | 15°M32'45                           | 21°37/57          |                         | -783 Oct 08 j 04:31                        | 0°M,                                     |            |
| retrograde                | -784 Nov 02 j 11:44                        | 20°M52'10                           |                   | retrograde              | -783 Oct 17 j 06:07                        | 4°M59'51                                 |            |
| evening set               | -784 Nov 06 j 17:40                        | 19°M12'30                           |                   | evening set             | -783 Oct 22 j 00:56                        | 3°M02'03                                 |            |
| asc. node                 | -784 Nov 07 j 16:50                        | 18°M21'41                           | 1020100           | 1                       | -783 Oct 24 j 21:47                        | 30° <b>₹</b> Ω                           |            |
| inferior conj             | -784 Nov 12 j 02:08                        | 12°M57'07                           |                   | asc. node               | -783 Oct 25 j 13:52                        | 29° <b>₽</b> 08'32                       | 0027110    |
| minimum elong             | -784 Nov 12 j 00:14                        | 13°M03'41                           | 1°27'23           | inferior conj           | -783 Oct 27 j 09:09                        | 26° <b>Ω</b> 41'43                       | 0°37'10    |
| min. Earth dist.          | -784 Nov 12 j 06:59                        |                                     | 0.67498 AU        | minimum elong           | -783 Oct 27 j 08:17                        | 26° <b>₽</b> 44'41                       | 0°36'47    |
| morning rise              | -784 Nov 17 j 06:40                        | 6°M43'55                            |                   | min. Earth dist.        | -783 Oct 27 j 03:27                        | 27° <b>₽</b> 01'20                       | 0.67620 AU |
| direct                    | -784 Nov 22 j 06:15<br>-784 Dec 02 j 09:54 | 4°M36'47<br>10°M39'01               | 22000140          | morning rise<br>direct  | -783 Nov 01 j 15:33<br>-783 Nov 06 j 00:24 | 20° <b>Ω</b> 31'05<br>18° <b>Ω</b> 46'34 |            |
| morning max el desc. node | -784 Dec 17 j 21:35                        | 0° <b>₹</b> 15'39                   | 23 08 40          | morning max el          | -783 Nov 14 j 23:36                        | 18 <b>≥</b> 46 34 24° <b>2</b> 03'16     | 21942!20   |
| desc. Hode                | -784 Dec 17 j 21:33                        | 0° <b>⊼</b> ¹                       |                   | morning max er          | -783 Nov 20 j 04:25                        | 0°M                                      | 21 43 39   |
| morning set               | -783 Jan 06 j 03:03                        | 0 <b>x</b> ⁴<br>29° <b>x</b> ⁴59'57 |                   | desc. node              | -783 Dec 04 j 18:37                        | 20°M20'29                                |            |
| morning set               | -783 Jan 06 j 03:04                        | 0°る                                 |                   | desc. node              | -783 Dec 04 j 18:37                        | 20 11 <b>6</b> 20 29                     |            |
| max. Earth dist.          | -783 Jan 10 j 13:02                        | 7° <b>る</b> 30'03                   | 1.39618 AU        | morning set             | -783 Dec 16 j 23:37                        | 9° <b>∡</b> 107'32                       |            |
| max. Lattii dist.         | -765 Juli 10 j 15.02                       | 7 30 03                             | 1.57010 AC        | max. Earth dist.        | -783 Dec 23 j 12:54                        | 19° <b>х</b> 46'18                       | 1.41664 AU |
| superior conj             | -783 Jan 18 j 05:13                        | 21° <b>ප</b> 13'20                  | -1°56'46          | max. Lartii dist.       | -783 Dec 29 j 13:51                        | 0°る                                      | 1.41004710 |
| minimum elong             | -783 Jan 18 j 07:32                        | 21° <b>る</b> 24'02                  |                   |                         | 700 B CC 29 J 10.01                        | <b>.</b> .                               |            |
| g                         | -783 Jan 22 j 21:33                        | 0°≈                                 | 1 00 .1           | superior conj           | -783 Dec 31 j 03:13                        | 2° <b>る</b> 42'25                        | -2°00'20   |
| evening rise              | -783 Jan 27 j 17:00                        | 9° <b>≈</b> 13'04                   |                   | minimum elong           | -783 Dec 31 j 02:15                        | 2° <b>る</b> 38'14                        |            |
| asc. node                 | -783 Feb 03 j 16:10                        | 22°≈11'36                           |                   | evening rise            | -782 Jan 10 j 21:38                        | 22° <b>ろ</b> 07'35                       | -          |
|                           | -783 Feb 08 j 12:39                        | 0° <b>)</b> €                       |                   | S                       | -782 Jan 15 j 05:00                        | 0° <b>≈</b>                              |            |
| evening max el            | -783 Feb 12 j 23:33                        | 5° <b>¥</b> 23'06                   | 18°32'37          | asc. node               | -782 Jan 21 j 13:11                        | 10° <b>≈</b> 47'17                       |            |
| retrograde                | -783 Feb 20 j 15:17                        | 9° <b>)</b> €07'48                  |                   | evening max el          | -782 Jan 27 j 08:12                        | 18° <b>≈</b> 16′07                       | 18°11'09   |
| evening set               | -783 Feb 23 j 01:50                        | 8° <b>)</b> 46′15                   |                   | retrograde              | -782 Feb 03 j 05:15                        | 21° <b>≈</b> 44'45                       |            |
| inferior conj             | -783 Mar 02 j 13:27                        | 4° <b>ℋ</b> 16'56                   | 3°11'31           | evening set             | -782 Feb 05 j 20:12                        | 21°≈15'06                                |            |
| minimum elong             | -783 Mar 02 j 17:22                        | 4° <b>)</b> 09′13                   |                   | inferior conj           | -782 Feb 12 j 16:12                        | 16° <b>≈</b> 24'40                       | 3°45'29    |
| min. Earth dist.          | -783 Mar 05 j 23:17                        | 1° <b>)</b> 37′25                   | 0.58358 AU        | minimum elong           | -782 Feb 12 j 17:56                        | 16° <b>≈</b> 20'43                       | 3°45'20    |
|                           | -783 Mar 08 j 07:39                        | 30° <b>R</b> ≈                      |                   | min. Earth dist.        | -782 Feb 15 j 22:57                        | 13° <b>≈</b> 26′11                       | 0.60423 AU |
| morning rise              | -783 Mar 10 j 06:18                        | 28° <b>≈</b> 54'13                  |                   | morning rise            | -782 Feb 19 j 13:51                        | 10° <b>≈</b> 41'15                       |            |
| desc. node                | -783 Mar 15 j 20:45                        | 27° <b>≈</b> 24'24                  |                   | direct                  | -782 Feb 26 j 06:44                        | 8° <b>≈</b> 33'28                        |            |
| direct                    | -783 Mar 16 j 05:13                        | 27° <b>≈</b> 24'05                  |                   | desc. node              | -782 Mar 02 j 17:47                        | 9° <b>≈</b> 26′00                        |            |
|                           | -783 Mar 24 j 07:32                        | 0° <b>)</b> €                       |                   | morning max el          | -782 Mar 12 j 12:27                        | 16° <b>≈</b> 20′15                       | 27°30'06   |
| morning max el            | -783 Mar 30 j 13:11                        | 4° <b>)</b> € 59'43                 | 26°37'25          |                         | -782 Mar 23 j 18:03                        | 0° <b>∀</b>                              |            |
|                           | -783 Apr 17 j 20:48                        | $0^{\circ}\mathbf{\Upsilon}$        |                   |                         | -782 Apr 10 j 07:57                        | $0^{\circ}$ Y                            |            |
| morning set               | -783 Apr 28 j 23:06                        | 21° <b>Y</b> 14'38                  |                   | morning set             | -782 Apr 13 j 06:52                        | 5° <b>Y</b> 59'23                        |            |
| asc. node                 | -783 May 02 j 15:28                        | 29° <b>Ƴ</b> 06'41                  |                   | max. Earth dist.        | -782 Apr 19 j 15:58                        | 19° <b>Ƴ</b> 37'25                       | 1.32413 AU |
|                           | -783 May 03 j 01:16                        | $9^{\circ}$ 8                       |                   | asc. node               | -782 Apr 19 j 12:31                        | 19° <b>Ƴ</b> 18'31                       |            |
|                           |  |                                     |                   |                         |  |  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 64 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl | ne year -900 in     | astronomical cou | nting style is the year 9 | 901 BCE in historical cou | nting style.         | 5            |
|---------------------|-----------------------------|---------------------|------------------|---------------------------|---------------------------|----------------------|--------------|
| superior conj       | -782 Apr 20 j 11:26         | 21° <b>Y</b> 23'54  | 0°10'06          | superior conj             | -781 Apr 04 j 21:06       | 6° <b>Ƴ</b> 11'27    | -0°16'00     |
| minimum elong       | -782 Apr 20 j 10:59         | 21° <b>Y</b> 21'23  | 0°10'01          | minimum elong             | -781 Apr 04 j 21:51       | 6° <b>Y</b> 15'32    | 0°15'50      |
| behind sun begin    | -782 Apr 20 j 07:03         | 20° <b>Y</b> 59'54  |                  | behind sun begin          | -781 Apr 04 j 21:34       | 6° <b>Y</b> 14'00    |              |
| behind sun end      | -782 Apr 20 j 14:54         | 21° <b>Y</b> 42'53  |                  | behind sun end            | -781 Apr 04 j 22:08       | 6° <b>Ƴ</b> 17'04    |              |
|                     | -782 Apr 24 j 09:51         | $9^{\circ}$ 8       |                  | asc. node                 | -781 Apr 06 j 09:34       | 9° <b>Y</b> 29'21    |              |
| evening rise        | -782 Apr 27 j 09:20         | 6° <b>8</b> 23'09   |                  | evening rise              | -781 Apr 11 j 21:04       | 21° <b>Y</b> 17'54   |              |
|                     | -782 May 09 j 20:23         | $\Pi$ $\circ$ 0     |                  |                           | -781 Apr 16 j 02:52       | $9^{\circ}$ 8        |              |
| evening max el      | -782 May 24 j 16:12         | 19° <b>Ⅱ</b> 30′25  | 25°31'04         |                           | -781 May 06 j 01:01       | $\Pi$ °0             |              |
| desc. node          | -782 May 29 j 17:00         | 23° <b>Ⅲ</b> 36′01  |                  | evening max el            | -781 May 06 j 07:24       | 0° <b>Ⅱ</b> 15′28    | 24°02'11     |
| retrograde          | -782 Jun 07 j 17:25         | 26° <b>Ⅱ</b> 41'42  |                  | desc. node                | -781 May 16 j 14:03       | 6° <b>Ⅱ</b> 43'27    |              |
| evening set         | -782 Jun 13 j 10:07         | 25° <b>Ⅲ</b> 25′10  |                  | retrograde                | -781 May 20 j 03:10       | 7° <b>Ⅱ</b> 12'11    |              |
| min. Earth dist.    | -782 Jun 18 j 04:14         | 22° <b>Ⅱ</b> 41'37  | 0.58173 AU       | evening set               | -781 May 24 j 10:04       | 6° <b>Ⅱ</b> 31'21    |              |
| inferior conj       | -782 Jun 21 j 09:45         | 20° <b>Ⅱ</b> 24'55  | -4°37'00         | min. Earth dist.          | -781 May 30 j 18:40       | 3° <b>Ⅱ</b> 27'14    | 0.56417 AU   |
| minimum elong       | -782 Jun 21 j 07:58         | 20° <b>Ⅱ</b> 28′05  | 4°36'55          | inferior conj             | -781 Jun 02 j 05:51       | 1° <b>Ⅱ</b> 55'41    |              |
| morning rise        | -782 Jun 29 j 08:29         | 16° <b>Ⅱ</b> 06'49  |                  | minimum elong             | -781 Jun 01 j 23:52       | 2° <b>Ⅱ</b> 04'59    | 4°00'08      |
| direct              | -782 Jul 01 j 21:15         | 15° <b>Ⅱ</b> 46'50  |                  |                           | -781 Jun 05 j 11:55       | 30° <b>₹</b> 8       |              |
| morning max el      | -782 Jul 10 j 06:50         | 19° <b>Ⅱ</b> 43'57  | 18°49'03         | morning rise              | -781 Jun 10 j 16:36       | 27° <b>8</b> 55'01   |              |
| asc. node           | -782 Jul 16 j 11:44         | 27° <b>Ⅱ</b> 28'36  |                  | direct                    | -781 Jun 13 j 07:06       | 27° <b>8</b> 37'18   |              |
|                     | -782 Jul 18 j 01:56         | $0$ $\circ$ $\odot$ |                  |                           | -781 Jun 20 j 09:53       | $\Pi$ °0             |              |
| morning set         | -782 Jul 26 j 18:47         | 16° <b>©</b> 01'35  |                  | morning max el            | -781 Jun 23 j 02:51       | 2° <b>Ⅱ</b> 10′15    | 19°47'06     |
|                     | -782 Aug 02 j 22:43         | $0^{\circ}\Omega$   |                  | asc. node                 | -781 Jul 03 j 08:49       | 16° <b>Ⅱ</b> 08'18   |              |
|                     |                             |                     |                  | morning set               | -781 Jul 10 j 20:58       | 0° <b>5</b> 27'06    |              |
| superior conj       | -782 Aug 04 j 09:14         | 2° <b>Ω</b> 44'46   |                  |                           | -781 Jul 10 j 15:35       | $0$ $\circ$          |              |
| minimum elong       | -782 Aug 04 j 10:19         |                     |                  |                           |                           |                      |              |
| max. Earth dist.    | -782 Aug 11 j 08:14         | 15° <b>Ω</b> 33'03  | 1.39148 AU       | superior conj             | -781 Jul 18 j 19:04       | 16° <b>5</b> 26'46   |              |
| evening rise        | -782 Aug 15 j 07:28         | 22° <b>Ω</b> 28'09  |                  | minimum elong             | -781 Jul 18 j 18:17       | 16° <b>©</b> 22'54   |              |
|                     | -782 Aug 19 j 19:35         | 0° <b>™</b>         |                  | max. Earth dist.          | -781 Jul 24 j 11:34       |                      | 1.37201 AU   |
| desc. node          | -782 Aug 25 j 16:20         | 9° <b>m</b> 19'29   |                  |                           | -781 Jul 25 j 20:18       | $0$ $\circ$ $\Omega$ |              |
|                     | -782 Sep 09 j 01:32         | 0∘ <b>⊽</b>         |                  | evening rise              | -781 Jul 28 j 08:03       | 4° <b>Ω</b> 32'43    |              |
| evening max el      | -782 Sep 19 j 17:09         | 12° <b>≏</b> 33'28  | 24°16'28         | desc. node                | -781 Aug 12 j 13:22       | 29° <b>Ω</b> 39'06   |              |
| retrograde          | -782 Sep 30 j 21:04         | 19° <b>≏</b> 06′27  |                  |                           | -781 Aug 12 j 18:55       | 0° <b>™</b>          |              |
| evening set         | -782 Oct 06 j 06:05         | 16° <b>≏</b> 50'34  |                  | evening max el            | -781 Sep 02 j 04:31       | 26° Mp 08'55         | 25°31'10     |
| min. Earth dist.    | -782 Oct 10 j 23:26         |                     | 0.67428 AU       |                           | -781 Sep 06 j 15:25       | 0∘ <b>⊽</b>          |              |
| inferior conj       | -782 Oct 11 j 15:28         | 10° <b>≏</b> 29'07  |                  | retrograde                | -781 Sep 14 j 07:36       | 3° <b>≏</b> 07'38    |              |
| minimum elong       | -782 Oct 11 j 15:52         | 10° <b>≏</b> 27'45  | 0°16'38          | evening set               | -781 Sep 20 j 07:20       | 0° <b>≏</b> 35'47    |              |
| asc. node           | -782 Oct 12 j 10:55         | 9° <b>≏</b> 23'58   |                  |                           | -781 Sep 20 j 23:08       | 30°₽, <b>Т</b> р     |              |
| morning rise        | -782 Oct 17 j 01:41         | 4° <b>£</b> 23'37   |                  | min. Earth dist.          | -781 Sep 24 j 16:30       |                      | 0.66916 AU   |
| direct              | -782 Oct 20 j 21:21         | 3° <b>♀</b> 00'12   |                  | inferior conj             | -781 Sep 25 j 19:21       | 24° <b>m</b> 17'18   |              |
| morning max el      | -782 Oct 28 j 20:15         | 7° <b>£</b> 36'53   | 20°27'38         | minimum elong             | -781 Sep 25 j 21:09       | 24° Mp 11'30         | 1°11'27      |
|                     | -782 Nov 14 j 13:38         | 0°M                 |                  | asc. node                 | -781 Sep 29 j 08:00       | 20° Mp 06'17         |              |
| desc. node          | -782 Nov 21 j 15:38         | 10°M42'07           |                  | morning rise              | -781 Oct 01 j 11:08       | 18° <b>m</b> 19'48   |              |
| morning set         | -782 Nov 25 j 22:56         | 17° <b>M</b> 19'49  |                  | direct                    | -781 Oct 04 j 19:44       | 17° <b>m</b> ) 14'32 |              |
|                     | -782 Dec 04 j 00:17         | 0° <b>∡</b>         |                  | morning max el            | -781 Oct 12 j 00:24       | 21° <b>m</b> ) 19'47 | 19°24'52     |
| max. Earth dist.    | -782 Dec 05 j 19:58         | 2° <b>≯</b> 55′08   | 1.43375 AU       |                           | -781 Oct 18 j 23:43       | 0∘ <b>ত</b>          |              |
|                     |                             | =                   |                  | morning set               | -781 Nov 04 j 23:34       | 25° <b>Ω</b> 44'20   |              |
| superior conj       | -782 Dec 11 j 23:54         | 12° <b>₹</b> 59'19  |                  |                           | -781 Nov 07 j 17:16       | 0° <b>™</b>          |              |
| minimum elong       | -782 Dec 11 j 18:18         | 12° <b>∡</b> 36′07  | 1°48'35          | desc. node                | -781 Nov 08 j 12:40       | 1°M15'38             |              |
|                     | -782 Dec 21 j 23:46         | 0°る                 |                  | max. Earth dist.          | -781 Nov 18 j 09:45       | 16° <b>™</b> 45'41   | 1.44529 AU   |
| evening rise        | -782 Dec 24 j 10:15         | 4° <b>る</b> 15'25   |                  |                           |                           | <b></b>              |              |
| asc. node           | -781 Jan 08 j 10:14         | 28° <b>る</b> 41'24  |                  | superior conj             | -781 Nov 21 j 18:03       | 22°M04'35            |              |
|                     | -781 Jan 09 j 12:10         | 0°≈                 |                  | minimum elong             | -781 Nov 21 j 09:59       | 21°M32'23            | 1°18'39      |
| evening max el      | -781 Jan 10 j 20:10         | 1°≈26′27            | 18°09'15         |                           | -781 Nov 26 j 16:26       | 0° <b>∡</b> 7        |              |
| retrograde          | -781 Jan 17 j 08:55         | 4°≈52'42            |                  | evening rise              | -781 Dec 06 j 02:27       | 15° <b>∡</b> ¹28'34  |              |
| evening set         | -781 Jan 20 j 04:02         | 4°≈13'54            |                  |                           | -781 Dec 14 j 20:32       | 0° <b>ろ</b>          |              |
|                     | -781 Jan 25 j 13:41         | 30°Rる               |                  | evening max el            | -781 Dec 25 j 08:39       | 14°る47'27            | 18°26'10     |
| inferior conj       | -781 Jan 26 j 11:55         | 29°る02'54           |                  | asc. node                 | -781 Dec 26 j 07:18       | 15°₹41'55            |              |
| minimum elong       | -781 Jan 26 j 11:24         | 29° <b>る</b> 04'13  | 3°52'37          | retrograde                | -781 Dec 31 j 21:53       | 18°る23'04            |              |
| min. Earth dist.    | -781 Jan 29 j 06:59         | 26°る09'33           | 0.62447 AU       | evening set               | -780 Jan 03 j 21:46       | 17° <b>る</b> 33'56   | 20.40(20     |
| morning rise        | -781 Feb 01 j 17:44         | 23°る06'41           |                  | inferior conj             | -780 Jan 09 j 20:36       | 12° <b>ろ</b> 03'53   | 3°40'28      |
| direct              | -781 Feb 08 j 17:57         | 20°る29'54           |                  | minimum elong             | -780 Jan 09 j 18:34       | 12° <b>ろ</b> 09'46   | 3°40'11      |
| desc. node          | -781 Feb 17 j 14:51         | 23°る57'05           |                  | min. Earth dist.          | -780 Jan 12 j 00:36       | 9° <b>る</b> 34'15    | 0.64213 AU   |
| morning max el      | -781 Feb 22 j 17:30         | 28° <b>る</b> 21'08  | 27°46'28         | morning rise              | -780 Jan 15 j 14:49       | 5° <b>る</b> 59'43    |              |
|                     | -781 Feb 24 j 08:02         | 0° <b>≈</b>         |                  | direct                    | -780 Jan 22 j 12:45       | 3°る08'46             |              |
|                     | -781 Mar 17 j 12:20         | 0° <b>)</b> (25112  |                  | desc. node                | -780 Feb 04 j 11:53       | 10°る21'35            | 0.000 (1.5.) |
| morning set         | -781 Mar 28 j 09:28         | 20° <b>)</b> €25'13 |                  | morning max el            | -780 Feb 05 j 02:05       | 10° <b>る</b> 56'29   | 27°26'50     |
|                     | -781 Apr 01 j 23:59         | 0° <b>Υ</b>         | 1.005            |                           | -780 Feb 20 j 04:43       | 0° <b>≈</b>          |              |
| max. Earth dist.    | -781 Apr 03 j 01:02         | 2°'Y'13'52          | 1.32766 AU       |                           | -780 Mar 08 j 21:56       | 0° <b>∀</b>          |              |

| ,                            | ,                   |   | •                 | //                             | 001 BCE in historical cou                  | , ,  | ,0 03      |
|------------------------------|---------------------|---|-------------------|--------------------------------|--|--|------------|
| morning set                  | -780 Mar 11 j 04:17 | 4° <b>)</b> €23'36                        |                   | morning set                    | -779 Feb 22 j 11:43                        | 17° <b>≈</b> 43'04   |            |
| max. Earth dist.             | -780 Mar 16 j 02:37 | 14° <b>)</b> 22'35                        | 1.33535 AU        | max. Earth dist.               | -779 Feb 26 j 17:30                        | 25°≈56'59  | 1.34746 AU |
|                              | ,                   |   |                   |                                | -779 Feb 28 j 17:57                        | 0° <b>₩</b>  |            |
| superior conj                | -780 Mar 19 j 03:06 | 20° <b>)</b> 43′35                        | -0°42'31          |                                | ·  |  |            |
| minimum elong                | -780 Mar 19 j 05:06 | 20° <b>¥</b> 54'16                        | 0°42'06           | superior conj                  | -779 Mar 03 j 03:12                        | 4° <b>¥</b> 52'52  | -1°08'13   |
| asc. node                    | -780 Mar 23 j 06:37 | 29° <b>)</b> 35′17                        |                   | minimum elong                  | -779 Mar 03 j 06:19                        | 5° <b>)</b> €08'55   | 1°07'41    |
|                              | -780 Mar 23 j 11:15 | $0^{\circ}\mathbf{\Upsilon}$              |                   | asc. node                      | -779 Mar 10 j 03:41                        | 19° <b>)</b> 31′43   |            |
| evening rise                 | -780 Mar 26 j 08:24 | 6° <b>Ƴ</b> 06'42                         |                   | evening rise                   | -779 Mar 10 j 17:25                        | 20° <b>)</b> 42′54   |            |
|                              | -780 Apr 08 j 06:26 | 0°8                                       |                   |                                | -779 Mar 15 j 08:21                        | $0^{\circ}$ Y  |            |
| evening max el               | -780 Apr 16 j 23:50 | 10° <b>8</b> 52'24                        | 22°27'04          | evening max el                 | -779 Mar 29 j 23:52                        | 21° <b>Y</b> 48'49   | 20°59'13   |
| retrograde                   | -780 Apr 29 j 23:53 | 17° <b>8</b> 15'59                        |                   | retrograde                     | -779 Apr 10 j 13:08                        | 27° <b>Y</b> 23'31   |            |
| desc. node                   | -780 May 02 j 11:06 | 17° <b>8</b> 02'33                        |                   | evening set                    | -779 Apr 12 j 19:39                        | 27° <b>Ƴ</b> 11'24   |            |
| evening set                  | -780 May 02 j 23:27 | 16° <b>8</b> 56'28                        |                   | desc. node                     | -779 Apr 19 j 08:07                        | 24° <b>Ƴ</b> 44'54   |            |
| min. Earth dist.             | -780 May 11 j 07:41 |   | 0.55294 AU        | inferior conj                  | -779 Apr 22 j 02:34                        | 23° <b>Y</b> 13'09   | -0°47'22   |
| inferior conj                | -780 May 12 j 08:13 | 12° <b>8</b> 45'35                        |                   | minimum elong                  | -779 Apr 22 j 00:20                        | 23° <b>Y</b> 16'20   | 0°46'34    |
| minimum elong                | -780 May 12 j 01:36 | 12° <b>8</b> 54'59                        | 2°38'56           | min. Earth dist.               | -779 Apr 22 j 20:47                        | 22° <b>Ƴ</b> 47'21   | 0.55054 AU |
| morning rise                 | -780 May 21 j 05:36 | 8° <b>8</b> 50'58                         |                   | morning rise                   | -779 May 01 j 04:42                        | 19° <b>Ƴ</b> 07'02   |            |
| direct                       | -780 May 24 j 00:31 | 8° <b>8</b> 33'09                         |                   | direct                         | -779 May 04 j 11:14                        | 18° <b>Ƴ</b> 43'54   |            |
| morning max el               | -780 Jun 04 j 11:48 | 13° <b>8</b> 54'20                        | 21°05'13          | morning max el                 | -779 May 17 j 10:21                        | 24° <b>Ƴ</b> 57'16   | 22°39'18   |
|                              | -780 Jun 16 j 07:54 | $\Pi$ $\circ 0$                           |                   |                                | -779 May 22 j 01:47                        | $0^{\circ}$ 8  |            |
| asc. node                    | -780 Jun 19 j 05:53 | 5° <b>Ⅱ</b> 20′07                         |                   | asc. node                      | -779 Jun 06 j 02:56                        | 24° <b>8</b> 55'53   |            |
| morning set                  | -780 Jun 24 j 04:23 | 15° <b>Ⅱ</b> 10′05                        |                   | morning set                    | -779 Jun 08 j 14:58                        | 0° <b>Ⅱ</b> 04'28  |            |
|                              | -780 Jul 01 j 07:25 | 0   |                   |                                | -779 Jun 08 j 14:06                        | $\Pi$ °0   |            |
|                              |                     |   |                   |                                |  | • •  |            |
| superior conj                | -780 Jul 01 j 15:30 |   | 1°39'25           | superior conj                  | -779 Jun 15 j 19:13                        | 15° <b>Ⅱ</b> 19'41   | 1°26'27    |
| minimum elong                | -780 Jul 01 j 13:32 | 0° <b>©</b> 31'35                         |                   | minimum elong                  | -779 Jun 15 j 16:44                        | 15° <b>Ⅱ</b> 06'29   | 1°26'09    |
| max. Earth dist.             | -780 Jul 05 j 21:22 | 9° <b>©</b> 17'35                         | 1.35500 AU        | max. Earth dist.               | -779 Jun 18 j 16:42                        | 21° <b>Ⅱ</b> 24'41   | 1.34150 AU |
| evening rise                 | -780 Jul 10 j 04:07 | 17° <b>©</b> 35'05                        |                   |                                | -779 Jun 22 j 22:10                        | 0ංම  |            |
|                              | -780 Jul 17 j 01:09 | $0$ $\circ$ $\Omega$                      |                   | evening rise                   | -779 Jun 23 j 14:42                        | 1° <b>5</b> 21'34  |            |
| desc. node                   | -780 Jul 29 j 10:24 | 19° <b>Ω</b> 38'48                        |                   |                                | -779 Jul 09 j 23:54                        | $0$ ° $\Omega$   |            |
|                              | -780 Aug 06 j 01:07 | 0° <b>т</b> р                             |                   | desc. node                     | -779 Jul 16 j 07:26                        | 9° <b>Ω</b> 10'01  |            |
| evening max el               | -780 Aug 14 j 16:19 | 9° <b>m</b> 44'07                         | 26°32'26          | evening max el                 | -779 Jul 28 j 04:06                        | 23° <b>Ω</b> 09'41   | 27°12'38   |
| retrograde                   | -780 Aug 27 j 13:02 | 16° <b>m</b> 57'27                        |                   | _                              | -779 Aug 07 j 10:05                        | 0° <b>m</b> )  |            |
| evening set                  | -780 Sep 03 j 02:31 | 14° <b>m</b> 14'25                        |                   | retrograde                     | -779 Aug 10 j 12:57                        | 0° Mp 29'06  |            |
| min. Earth dist.             | -780 Sep 07 j 04:05 | 9° m 59'52                                |                   |                                | -779 Aug 13 j 12:20                        | 30°R <b>Ω</b>  |            |
| inferior conj                | -780 Sep 08 j 18:50 | 8° mp 02'49                               |                   | evening set                    | -779 Aug 17 j 13:10                        | 27° <b>Ω</b> 43'02   |            |
| minimum elong                | -780 Sep 08 j 21:59 | 7° m 53'16                                | 2°06'07           | min. Earth dist.               | -779 Aug 21 j 07:54                        |  | 0.64855 AU |
| morning rise                 | -780 Sep 14 j 17:49 | 2° Mp 16'34                               |                   | inferior conj                  | -779 Aug 23 j 11:42                        | 21° <b>Ω</b> 41'53   |            |
| asc. node                    | -780 Sep 15 j 05:05 | 2° m 02'00                                |                   | minimum elong                  | -779 Aug 23 j 15:56                        | 21° <b>Ω</b> 30′09   | 2°58'32    |
| direct                       | -780 Sep 17 j 17:41 | 1° Tp 25'54                               | 1002712.4         | morning rise                   | -779 Aug 29 j 19:23                        | 16° <b>Ω</b> 10'14   |            |
| morning max el               | -780 Sep 24 j 10:48 | 5° Mp 09'01                               | 18°37'34          | direct                         | -779 Sep 01 j 12:52                        | 15° <b>Ω</b> 30'47   |            |
|                              | -780 Oct 11 j 14:55 | 0° <b>ʊ</b>                               |                   | asc. node                      | -779 Sep 02 j 02:07                        | 15° <b>Ω</b> 32′25   | 10007102   |
| morning set                  | -780 Oct 14 j 22:41 | 5° <b>£</b> 19'12                         |                   | morning max el                 | -779 Sep 08 j 01:12                        | 19° <b>Ω</b> 00'36   | 18°07'02   |
| desc. node                   | -780 Oct 25 j 09:41 | 21° <b>≏</b> 56'37                        |                   | . ,                            | -779 Sep 16 j 04:58                        | 0° Mp  |            |
|                              | 700.0 + 20:10.16    | 00 <b>m</b> 27150                         | 0024142           | morning set                    | -779 Sep 26 j 02:22                        | 16° Mp 18'24   |            |
| superior conj                | -780 Oct 30 j 19:16 | 0°M26'58                                  |                   |                                | -779 Oct 04 j 09:10                        | 0∘ <b>⊽</b>  |            |
| minimum elong                | -780 Oct 30 j 14:44 |   | 0°34'07           |                                | 770 0-4 10:01:02                           | 00 0 00121   | 0°14'38    |
| F4b 4i-4                     | -780 Oct 30 j 12:25 | 0°M,                                      | 1 44002 AII       | superior conj                  | -779 Oct 10 j 01:03                        | 9° <b>2</b> 08′21  |            |
| max. Earth dist.             | -780 Oct 31 j 03:52 | 1°M00'46                                  | 1.44992 AU        | minimum elong                  | -779 Oct 10 j 02:50                        | 9° <b>Ω</b> 15'27  | 0°14'24    |
| evening rise                 | -780 Nov 15 j 18:52 | 25° <b>M</b> .41'38<br>0° <b>₹</b>        |                   | behind sun begin               | -779 Oct 09 j 21:49                        | 8° <b>£</b> 55'25  |            |
|                              | -780 Nov 18 j 11:45 |   | 0.0               | behind sun end                 | -779 Oct 10 j 07:51                        | 9° <u>•</u> 35'29  |            |
| greatest brilliancy          | -780 Nov 23 j 23:58 | 8° <b>₹</b> 45'38<br>28° <b>₹</b> 12'56   | -0.8m<br>19°00'46 | desc. node<br>max. Earth dist. | -779 Oct 12 j 06:44                        | 12° <b>£</b> 42'12   | 1.44716 AU |
| evening max el               | -780 Dec 07 j 19:04 | 0°る                                       | 19 00 40          | max. Earth dist.               | -779 Oct 13 j 22:45<br>-779 Oct 23 j 07:21 | 15° <b>£</b> 20'45   | 1.44/10 AU |
| aca mada                     | -780 Dec 09 j 17:26 |   |                   | avanina rica                   | -  | 0°M  |            |
| asc. node                    | -780 Dec 12 j 04:21 | 1°る33'37                                  |                   | evening rise                   | -779 Oct 26 j 13:08                        | 5°M01'36   | 0.7        |
| retrograde                   | -780 Dec 14 j 16:27 | 2°る08'06                                  |                   | greatest brilliancy            | -779 Nov 08 j 18:36                        | 25°M15'54  | -0.7m      |
| evening set                  | -780 Dec 17 j 22:20 | 1° <b>る</b> 07'13                         |                   | avanina may al                 | -779 Nov 11 j 23:49                        | 0° <b>√</b> ¹<br>11° <b>√</b> ³/40'02                            | 10051120   |
| infarior coni                | -780 Dec 19 j 10:08 | 30°Ŗズ <sup>1</sup><br>25°√ <b>オ</b> 20'22 | 2017122           | evening max el                 | -779 Nov 21 j 01:17                        | 11° <b>х</b> <sup>7</sup> 40'02                                  | 19°51'29   |
| inferior conj                | -780 Dec 23 j 14:38 | 25° <b>₹</b> 20'22                        | 3°14'33           | retrograde                     | -779 Nov 28 j 13:40                        | 16° <b>√</b> 03'28   |            |
| minimum elong                | -780 Dec 23 j 11:52 | 25° <b>₹</b> 29'01                        | 3°13'56           | asc. node                      | -779 Nov 29 j 01:22                        | 16° <b>∡</b> 02'07   |            |
| min. Earth dist.             | -780 Dec 25 j 03:31 | 23° <b>x</b> 25'04                        | 0.65612 AU        | evening set                    | -779 Dec 02 j 03:15                        | 14° <b>×</b> <sup>7</sup> 49'06                                  | 2020142    |
| morning rise                 | -780 Dec 29 j 01:08 | 19° 🖈 10'57                               |                   | inferior conj                  | -779 Dec 07 j 15:08                        | 8° <b>×</b> <sup>7</sup> 48'22                                   | 2°38'43    |
| direct                       | -779 Jan 04 j 13:47 | 16° <b>₹</b> 20'37                        | 26026126          | minimum elong                  | -779 Dec 07 j 12:19                        | 8° <b>х</b> <sup>7</sup> 57'43                                   | 2°37'51    |
| morning max el<br>desc. node | -779 Jan 17 j 11:41 | 23° ₹ 54'42<br>28° ₹ 06'45                | 26°36'36          | min. Earth dist.               | -779 Dec 08 j 14:22                        | 7° <b>х</b> <sup>7</sup> 31'27<br>2° <b>х</b> <sup>7</sup> 35'40 | 0.66626 AU |
| uesc. Houe                   | -779 Jan 21 j 08:55 | 28°×'06'45<br>0°る                         |                   | morning rise                   | -779 Dec 12 j 21:13                        |  |            |
|                              | -779 Jan 22 j 23:19 | 0° <b>&amp;</b>                           |                   | direct                         | -779 Dec 18 j 00:44                        | 30°RM  |            |
|                              | -779 Feb 12 j 13:31 | U 🌤                                       |                   | uncet                          | -779 Dec 18 j 20:29                        | 29°M57'13  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 66 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | nical year style is used: T                |                                  | astronomical cou | inting style is the year        | 901 BCE in historical cou                  | unting style.                  |             |
|--------------------------------|--|----------------------------------|------------------|---------------------------------|--|--------------------------------|-------------|
|                                | -779 Dec 19 j 16:37                        | 0° <b>∡</b> ¹                    |                  | minimum elong                   | -778 Nov 21 j 17:23                        | 22°M32'58                      | 1°54'42     |
| morning max el                 | -779 Dec 30 j 20:42                        | 7° <b>∡</b> ¹05'06               | 25°24'04         | min. Earth dist.                | -778 Nov 22 j 06:57                        | 21°M46'30                      | 0.67272 AU  |
| desc. node                     | -778 Jan 08 j 05:58                        | 16° <b>∡</b> 749'11              |                  | morning rise                    | -778 Nov 27 j 00:07                        | 16°M11'02                      |             |
|                                | -778 Jan 17 j 17:49                        | 0°ප                              |                  | direct                          | -778 Dec 02 j 08:21                        | 13°M51'24                      |             |
| morning set                    | -778 Feb 05 j 03:04                        | 0°≈09'54                         |                  | morning max el                  | -778 Dec 13 j 05:16                        | 20°M20'33                      | 23°59'09    |
| 70 d 15 d                      | -778 Feb 05 j 00:53                        | 0° <b>≈</b>                      | 1 2 (20 5 1 1 1  |                                 | -778 Dec 21 j 11:45                        | 0° <b>∡</b> 7                  |             |
| max. Earth dist.               | -778 Feb 08 j 20:53                        | 7°≈04′28                         | 1.36395 AU       | desc. node                      | -778 Dec 26 j 03:00                        | 6° <b>⊀</b> 12'29              |             |
|                                | -778 Feb 14 j 18:37                        | 10021100                         | 1021124          |                                 | -777 Jan 10 j 23:05<br>-777 Jan 17 j 20:18 | 0°궁<br>11° <b>궁</b> 27'59      |             |
| superior conj<br>minimum elong | -778 Feb 14 j 18.37                        | 18°≈31'09<br>18°≈49'36           |                  | morning set<br>max. Earth dist. | -777 Jan 21 j 16:38                        | 11 32/39<br>18° <b>る</b> 11'53 | 1.38387 AU  |
| minimum ciong                  | -778 Feb 20 j 11:02                        | 1° <del>×4</del> 930             | 1 30 37          | max. Earth dist.                | -777 Jan 28 j 02:59                        | 0°≈                            | 1.36367 AU  |
| evening rise                   | -778 Feb 22 j 22:03                        | 4° <b>)</b> 59'49                |                  |                                 | -777 Jan 20 J 02.37                        | 0 ~                            |             |
| asc. node                      | -778 Feb 25 j 00:42                        | 9° <b>)</b> 13'42                |                  | superior conj                   | -777 Jan 28 j 21:47                        | 1°≈29'03                       | -1°49'43    |
| use. Houe                      | -778 Mar 09 j 09:50                        | 0°Υ                              |                  | minimum elong                   | -777 Jan 29 j 01:04                        | 1°≈44'40                       | 1°49'29     |
| evening max el                 | -778 Mar 12 j 10:47                        | 3° <b>Y</b> ′20'38               | 19°47'03         | evening rise                    | -777 Feb 06 j 19:51                        | 18° <b>≈</b> 50'40             |             |
| retrograde                     | -778 Mar 22 j 07:09                        | 8° <b>Y</b> 03'39                |                  | asc. node                       | -777 Feb 11 j 21:44                        | 28° <b>≈</b> 35'41             |             |
| evening set                    | -778 Mar 24 j 10:45                        | 7° <b>Y</b> ′51'09               |                  |                                 | -777 Feb 12 j 16:05                        | 0° <b>∀</b>                    |             |
| inferior conj                  | -778 Apr 02 j 03:27                        | 3° <b>Y</b> 48'54                | 1°08'03          | evening max el                  | -777 Feb 23 j 08:16                        | 15° <b>∺</b> 29'57             | 18°54'07    |
| minimum elong                  | -778 Apr 02 j 06:16                        | 3° <b>Y</b> 44'30                | 1°07'05          | retrograde                      | -777 Mar 03 j 16:17                        | 19° <b>)</b> 31′21             |             |
| min. Earth dist.               | -778 Apr 04 j 11:01                        | 2° <b>Y</b> ′22'46               | 0.55758 AU       | evening set                     | -777 Mar 05 j 23:51                        | 19° <b>∺</b> 13'58             |             |
| desc. node                     | -778 Apr 06 j 05:09                        | 1° <b>Y</b> ′21′03               |                  | inferior conj                   | -777 Mar 13 j 21:54                        | 14° <b>)</b> ₹56'33            | 2°36'44     |
|                                | -778 Apr 08 j 21:58                        | 30°₽ <b>)</b>                    |                  | minimum elong                   | -777 Mar 14 j 02:23                        | 14° <b>)</b> 48′29             | 2°35'36     |
| morning rise                   | -778 Apr 10 j 23:26                        | 29° <b>ℋ</b> 14'15               |                  | min. Earth dist.                | -777 Mar 17 j 03:21                        | 12° <b>)</b> 38′22             | 0.57253 AU  |
| direct                         | -778 Apr 15 j 03:56                        | 28° <b>¥</b> 35'17               |                  | morning rise                    | -777 Mar 22 j 01:56                        | 9° <b>∺</b> 49'21              |             |
|                                | -778 Apr 21 j 07:09                        | 0° <b>Υ</b>                      |                  | desc. node                      | -777 Mar 24 j 02:10                        | 9° <b>∺</b> 07'37              |             |
| morning max el                 | -778 Apr 29 j 02:21                        | 5° <b>Ƴ</b> 33'05                | 24°19'57         | direct                          | -777 Mar 27 j 10:15                        | 8° <b>)</b> (40′31             |             |
|                                | -778 May 16 j 12:02                        | 0°8                              |                  | morning max el                  | -777 Apr 10 j 17:38                        | 16° <b>)</b> €07'15            | 25°53'06    |
| asc. node                      | -778 May 23 j 23:58                        | 14° <b>8</b> 48'21               |                  |                                 | -777 Apr 21 j 23:50                        | 0° <b>Υ</b>                    |             |
| morning set                    | -778 May 24 j 02:53                        | 15° <b>8</b> 03'41               |                  | morning set                     | -777 May 08 j 14:32                        | 0° <b>8</b> 02'03              |             |
| avmariar aani                  | 779 May 21 : 02:22                         | 0° <b>Ⅱ</b> 11'34                | 1900/01          | aca mada                        | -777 May 08 j 14:09                        | 0°8<br>4°852'10                |             |
| superior conj<br>minimum elong | -778 May 31 j 03:33<br>-778 May 31 j 01:07 | 29° <b>8</b> 58'22               | 1°08'37          | asc. node                       | -777 May 10 j 21:02                        | 4 032 10                       |             |
| minimum ciong                  | -778 May 31 j 01:07                        | 0°Ⅱ                              | 1 003/           | superior conj                   | -777 May 15 j 14:31                        | 15° <b>8</b> 10'31             | 0°48'07     |
| max. Earth dist.               | -778 Jun 01 j 20:44                        |                                  | 1.33188 AU       | minimum elong                   | -777 May 15 j 12:34                        | 14° <b>8</b> 59'55             | 0°47'45     |
| evening rise                   | -778 Jun 07 j 11:38                        | 15° <b>Ⅱ</b> 39'08               | 1.55100710       | max. Earth dist.                | -777 May 16 j 06:57                        | 16° <b>8</b> 40'23             | 1.32605 AU  |
| e vennig rise                  | -778 Jun 14 j 22:58                        | 0°50                             |                  | evening rise                    | -777 May 22 j 15:43                        | 0° <b>Ⅱ</b> 17'54              | 1.52005 110 |
| desc. node                     | -778 Jul 03 j 04:28                        | 27° <b>©</b> 59'46               |                  | 8                               | -777 May 22 j 12:16                        | 0°Ⅲ                            |             |
|                                | -778 Jul 04 j 19:52                        | $0^{\circ}\Omega$                |                  |                                 | -777 Jun 08 j 01:05                        | 0°9                            |             |
| evening max el                 | -778 Jul 10 j 14:08                        | 6° <b>Ω</b> 12'20                | 27°25'14         | desc. node                      | -777 Jun 20 j 01:28                        | 15° <b>©</b> 50'39             |             |
| retrograde                     | -778 Jul 24 j 07:03                        | 13° <b>£</b> 32'36               |                  | evening max el                  | -777 Jun 22 j 20:14                        | 18° <b>5</b> 40'29             | 27°05'46    |
| evening set                    | -778 Jul 31 j 11:57                        | 10° <b>Ω</b> 55′23               |                  | retrograde                      | -777 Jul 06 j 18:25                        | 25° <b>©</b> 58'35             |             |
| min. Earth dist.               | -778 Aug 04 j 02:08                        |                                  | 0.63273 AU       | evening set                     | -777 Jul 13 j 18:48                        | 23°5544'26                     |             |
| inferior conj                  | -778 Aug 06 j 19:17                        | 5° <b>Ω</b> 07'36                |                  | min. Earth dist.                | -777 Jul 17 j 10:17                        | 21° <b>©</b> 00'35             | 0.61383 AU  |
| minimum elong                  | -778 Aug 06 j 23:51                        | 4° <b>Ω</b> 56′10                | 3°45'37          | inferior conj                   | -777 Jul 20 j 14:24                        | 18°912'44                      |             |
|                                | -778 Aug 13 j 07:00                        | 30° <b>₹ॐ</b>                    |                  | minimum elong                   | -777 Jul 20 j 17:59                        | 18° <b>©</b> 04'47             | 4°22'14     |
| morning rise                   | -778 Aug 13 j 12:51                        | 29°553'52                        |                  | morning rise                    | -777 Jul 27 j 18:47                        | 13°5519'29                     |             |
| direct                         | -778 Aug 16 j 02:20                        | 29° <b>©</b> 22'34               |                  | direct                          | -777 Jul 30 j 06:32                        | 12°553'52                      | 17050142    |
| aga mada                       | -778 Aug 18 j 20:54                        | 0° <b>Ω</b><br>0° <b>Ω</b> 34'53 |                  | morning max el                  | -777 Aug 06 j 06:43                        | 16°523'04<br>16°556'58         | 17°59'43    |
| asc. node<br>morning max el    | -778 Aug 19 j 23:09<br>-778 Aug 22 j 16:49 | 2°Ω47'39                         | 17°54'06         | asc. node                       | -777 Aug 06 j 20:12<br>-777 Aug 15 j 20:20 | 0°Ω                            |             |
| morning set                    | -778 Sep 08 j 06:39                        | $28^{\circ}\Omega 27'56$         | 17 34 00         | morning set                     | -777 Aug 22 j 05:36                        | 11° <b>Ω</b> 31'00             |             |
| morning set                    | -778 Sep 09 j 03:39                        | 0°m)                             |                  | morning set                     | -777 Sep 01 j 11:12                        | 0° <b>m</b>                    |             |
|                                | 770 Sep 07 J 03.37                         | <b>پ</b> ران ن                   |                  |                                 | 777 Sep 01 j 11.12                         | V III                          |             |
| superior conj                  | -778 Sep 20 j 05:30                        | 18° <b>m</b> 58'29               | 0°56'43          | superior conj                   | -777 Sep 01 j 13:22                        | 0°109'30                       | 1°25'56     |
| minimum elong                  | -778 Sep 20 j 10:30                        | 19° mp 19'18                     | 0°56'05          | minimum elong                   | -777 Sep 01 j 17:52                        | 0°m/29'14                      | 1°25'31     |
| max. Earth dist.               | -778 Sep 26 j 14:42                        | 29° <b>m</b> 24'46               | 1.43739 AU       | max. Earth dist.                | -777 Sep 09 j 01:31                        | 12° m 56'43                    | 1.42201 AU  |
|                                | -778 Sep 26 j 23:28                        | 0∘ <u>⊽</u>                      |                  | evening rise                    | -777 Sep 15 j 08:37                        | 23° m 08'59                    |             |
| desc. node                     | -778 Sep 29 j 03:46                        | 3° <b>≏</b> 28'48                |                  | desc. node                      | -777 Sep 16 j 00:48                        | 24° m 13'01                    |             |
| evening rise                   | -778 Oct 05 j 19:40                        | 13° <b>ჲ</b> 55'03               |                  |                                 | -777 Sep 19 j 17:38                        | 0∘ <b>⊽</b>                    |             |
|                                | -778 Oct 16 j 09:57                        | 0°M₊                             |                  |                                 | -777 Oct 10 j 13:16                        | 0°M₊                           |             |
| evening max el                 | -778 Nov 04 j 01:57                        |                                  | 20°56'00         | evening max el                  | -777 Oct 17 j 20:52                        | 8°M35'46                       | 22°10'47    |
|                                | -778 Nov 11 j 09:52                        | 0° <b>∡</b> ¹                    |                  | retrograde                      | -777 Oct 27 j 07:07                        | 14°ML12'09                     |             |
| retrograde                     | -778 Nov 12 j 11:12                        | 0° <b>∡</b> 105'52               |                  | evening set                     | -777 Oct 31 j 18:12                        | 12°M25'07                      |             |
|                                | -778 Nov 13 j 11:58                        | 30°RM.                           |                  | asc. node                       | -777 Nov 02 j 19:24                        | 10°M24'07                      | 1005100     |
| asc. node                      | -778 Nov 15 j 22:22                        | 28°M57'38                        |                  | inferior conj                   | -777 Nov 06 j 02:24                        | 6°M07'09                       | 1°07'00     |
| evening set                    | -778 Nov 16 j 10:28                        | 28°M36'05                        | 1055124          | minimum elong                   | -777 Nov 06 j 00:54                        | 6°M12'19                       | 1°06'22     |
| inferior conj                  | -778 Nov 21 j 19:44                        | 22°M24'54                        | 1 33 34          | min. Earth dist.                | -777 Nov 06 j 02:46                        | 6° <b>™</b> 05'54              | 0.67584 AU  |

| Attention astronom  | nical year style is used: T   | he vear -900 in   | actronomical coi  | inting ctule is the year (   | 001 RCF in historical cou   | inting ctyle   |   |
|---|---|---|---|--|---|--|---|
| morning rise  | -777 Nov 11 j 07:27   | ne year -900 m<br>29° <b>£</b> 54'28  | astronomicai cot  | inferior conj  | -776 Oct 20 j 09:21   | 19° <b>£</b> 53'30   | 0°14'35   |
| morning rise  |   | 29 <b>=</b> 34 28<br>30°R <b>Ω</b>  |   | -  | -776 Oct 20 j 09:21   | 19° <b>⊆</b> 53'30   | 0°14'25   |
| 1:4   | -777 Nov 11 j 04:51   | •   |   | minimum elong  | ,   |  | 0°14'25<br>0°14'25  |
| direct  | -777 Nov 16 j 00:37   | 27° <b>£</b> 56'49  |   | transit middle   | -776 Oct 20 j 09:00   | 19° <b>£</b> 54'41   | 0-14-25   |
|   | -777 Nov 21 j 10:29   | 0°M   | 22021110  | transit begin  | -776 Oct 20 j 07:44   | 19° <b>£</b> 59'02   |   |
| morning max el  | -777 Nov 25 j 15:55   | 3°M39'53  | 22°31'40  | transit end  | -776 Oct 20 j 10:17   | 19° <b>£</b> 50'21   | 0.68580.444   |
| desc. node  | -777 Dec 13 j 00:03   | 26°M04'32   |   | min. Earth dist.   | -776 Oct 19 j 23:22   | 20° <b>£</b> 27'40   | 0.67579 AU  |
|   | -777 Dec 15 j 16:08   | 0°⊀   |   | morning rise   | -776 Oct 25 j 17:08   | 13° <b>Ω</b> 44'39   |   |
| morning set   | -777 Dec 29 j 09:31   | 21° <b>₹</b> 22'19  |   | direct   | -776 Oct 29 j 20:16   | 12° <b>Ω</b> 09'09   |   |
| max. Earth dist.  | -776 Jan 03 j 12:38   | 29° <b>∡</b> 54'38  | 1.40507 AU  | morning max el   | -776 Nov 07 j 08:15   | 17° <b>≏</b> 07'33   | 21°09'52  |
|   | -776 Jan 03 j 13:54   | 0°₹   |   |  | -776 Nov 17 j 16:41   | 0°M₊   |   |
|   |   |   |   | desc. node   | -776 Nov 28 j 21:06   | 16° <b>™</b> 17'29   |   |
| superior conj   | -776 Jan 11 j 07:59   | 13° <b>る</b> 34'11  |   | morning set  | -776 Dec 07 j 19:03   | 29°M59'48  |   |
| minimum elong   | -776 Jan 11 j 09:10   | 13° <b>る</b> 39'31  | 1°59'50   |  | -776 Dec 07 j 19:06   | 0° <b>∡</b> ″  |   |
|   | -776 Jan 20 j 04:44   | 0° <b>≈</b>   |   | max. Earth dist.   | -776 Dec 15 j 15:36   | 12° <b>∡</b> ³34'35  | 1.42454 AU  |
| evening rise  | -776 Jan 21 j 07:45   | 2° <b>≈</b> 07'24   |   |  |   |  |   |
| asc. node   | -776 Jan 29 j 18:45   | 17° <b>≈</b> 30′19  |   | superior conj  | -776 Dec 22 j 19:50   | 24° <b>₹</b> 34'04   | -1°57'35  |
| evening max el  | -776 Feb 06 j 13:46   | 28° <b>≈</b> 09′23  | 18°21'09  | minimum elong  | -776 Dec 22 j 16:56   | 24° <b>≯</b> 21'45   | 1°57'29   |
|   | -776 Feb 08 j 18:48   | 0° <b>∀</b>   |   |  | -776 Dec 25 j 23:25   | 8°0  |   |
| retrograde  | -776 Feb 13 j 20:04   | 1° <b>)</b> 45′02   |   | evening rise   | -775 Jan 03 j 06:05   | 14° <b>る</b> 42'53   |   |
| evening set   | -776 Feb 16 j 08:37   | 1° <b>)</b> 20′10   |   |  | -775 Jan 11 j 22:12   | 0° <b>≈</b>  |   |
|   | -776 Feb 19 j 04:07   | 30°R≈   |   | asc. node  | -775 Jan 15 j 15:47   | 5° <b>≈</b> 49'25  |   |
| inferior conj   | -776 Feb 23 j 13:12   | 26° <b>≈</b> 42'17  | 3°29'42   | evening max el   | -775 Jan 20 j 00:14   | 11° <b>≈</b> 10'41   | 18°07'59  |
| minimum elong   | -776 Feb 23 j 16:17   | 26° <b>≈</b> 35'48  | 3°29'14   | retrograde   | -775 Jan 26 j 16:21   | 14° <b>≈</b> 36'24   |   |
| min. Earth dist.  | -776 Feb 26 j 23:22   | 23° <b>≈</b> 51'26  | 0.59224 AU  | evening set  | -775 Jan 29 j 09:13   | 14° <b>≈</b> 02'48   |   |
| morning rise  | -776 Mar 01 j 21:38   | 21° <b>≈</b> 09'47  | *****   | inferior conj  | -775 Feb 04 j 23:37   | 9° <b>≈</b> 03'20  | 3°51'18   |
| direct  | -776 Mar 08 j 05:43   | 19°≈22'51   |   | minimum elong  | -775 Feb 05 j 00:20   | 9° <b>≈</b> 01'35  | 3°51'15   |
| desc. node  | -776 Mar 09 j 23:12   | 19°≈30'39   |   | min. Earth dist.   | -775 Feb 08 j 02:03   | 6°≈04'35   | 0.61314 AU  |
| morning max el  | -776 Mar 22 j 12:58   | 27°≈04'23   | 27°03'55  | morning rise   | -775 Feb 11 j 14:05   | 3°≈14'01   | 0.01514710  |
| morning max ci  | -776 Mar 25 j 08:15   | 0° <b>H</b>   | 27 03 33  | direct   | -775 Feb 18 j 11:31   | 0°≈52'26   |   |
|   | -776 Apr 14 j 10:59   | 0° <b>Υ</b>   |   | desc. node   | -775 Feb 24 j 20:16   | 0 ≈32 20<br>2°≈39'30   |   |
| morning set   | -776 Apr 22 j 00:12   | 14° <b>Υ</b> 52'52  |   | morning max el   | -775 Mar 04 j 14:39   | 2 ≈3930<br>8°≈40'53  | 27041126  |
| asc. node   | -776 Apr 26 j 18:05   | 25° <b>Υ</b> 01'52  |   | morning max er   | -775 Mar 20 j 23:54   | 0° <b>)</b>  | 27 41 30  |
| asc. Houe   | -770 Apr 20 j 18.03   | 23 10132  |   | morning set  | -775 Apr 06 j 06:02   | 0 <b>X</b><br>29° <b>¥</b> 29'45   |   |
| superior conj   | 776 Apr. 20: 02:17  | 0° <b>8</b> 09'29   | 0°24'33   | morning set  | -775 Apr 06 j 00:02   | 29 <b>γ</b> (2943  |   |
| 1 3   | -776 Apr 29 j 02:17   | 0° <b>8</b> 03'34   |   | Danth diet   |   |  | 1 22520 AII   |
| minimum elong<br>max. Earth dist.   | -776 Apr 29 j 01:12   | 29° <b>Y</b> 33'43  | 0°24'21   | max. Earth dist.   | -775 Apr 12 j 07:29   | 12° <b>Y</b> ′20'48  | 1.32520 AU  |
| max. Earth dist.  | -776 Apr 28 j 19:46   |   | 1.32381 AU  |  | 775 4 12:12:12  | 1.500000120  | 0000153   |
|   | -776 Apr 29 j 00:33   | 0° <b>8</b>   |   | superior conj  | -775 Apr 13 j 13:12   | 15° <b>Υ</b> 02'38   |   |
| evening rise  | -776 May 06 j 00:24   | 15° <b>8</b> 08'35  |   | minimum elong  | -775 Apr 13 j 13:14   | 15° <b>Y</b> 02'50   | 0°00'51   |
|   | -776 May 13 j 12:08   | 0°II  |   | behind sun begin   | -775 Apr 13 j 08:10   | 14° <b>Υ</b> 35'10   |   |
|   | -776 Jun 03 j 09:40   | 0°95  |   | behind sun end   | -775 Apr 13 j 18:18   | 15° <b>Ƴ</b> 30'30   |   |
| evening max el  | -776 Jun 03 j 20:16   | 0° <b>©</b> 25'34   | 26°13'50  | asc. node  |   |  |   |
| desc. node  |   |   |   |  | -775 Apr 13 j 15:10   | 15° <b>Y</b> 13′20   |   |
| retrograde  | -776 Jun 05 j 22:28   | 2° <b>©</b> 18'15   |   | evening rise   | -775 Apr 20 j 11:35   | 0° <b>8</b> 03'47  |   |
|   | -776 Jun 17 j 21:22   | 7° <b>©</b> 39'42   |   |  | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52  | 0° <b>と</b> 03'47<br>0° <b>と</b>   |   |
| evening set   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14  | 7°\$39'42<br>6°\$00'52  |   | evening rise   | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56   | 0° <b>8</b> 03'47<br>0° <b>8</b><br>0°耳  |   |
| evening set<br>min. Earth dist.   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15   | 7°\$39'42<br>6°\$00'52<br>3°\$22'07   | 0.59330 AU  |  | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49  | 0° <b>8</b> 03'47<br>0° <b>8</b><br>0° <b>I</b><br>11° <b>I</b> I27'53   | 24°54'58  |
| •   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29  | 7°\$39'42<br>6°\$00'52<br>3°\$22'07<br>0°\$48'16  | -4°39'59  | evening rise evening max el desc. node   | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30   | 0° <b>8</b> 03'47<br>0° <b>8</b><br>0° <b>I</b><br>11° <b>I</b> 127'53<br>16° <b>I</b> 149'30  | 24°54'58  |
| min. Earth dist.  | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 01 j 18:11   | 7°©39'42<br>6°©00'52<br>3°©22'07<br>0°©48'16<br>0°©46'56  | -4°39'59  | evening rise  evening max el desc. node retrograde   | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36  | 0° <b>8</b> 03'47<br>0° <b>8</b><br>0° <b>П</b><br>11° <b>П</b> 27'53<br>16° <b>П</b> 49'30<br>18° <b>П</b> 33'56  | 24°54'58  |
| min. Earth dist.<br>inferior conj<br>minimum elong  | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 01 j 18:11<br>-776 Jul 02 j 18:45  | 7°\$39'42<br>6°\$00'52<br>3°\$22'07<br>0°\$48'16<br>0°\$46'56<br>30°RII   | -4°39'59  | evening rise  evening max el desc. node retrograde evening set   | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45   | 0° <b>8</b> 03'47<br>0° <b>8</b><br>0° <b>П</b><br>11° <b>П</b> 27'53<br>16° <b>П</b> 49'30<br>18° <b>П</b> 33'56<br>17° <b>П</b> 33'50  |   |
| min. Earth dist.<br>inferior conj   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 01 j 18:11<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20   | 7°539'42<br>6°500'52<br>3°522'07<br>0°548'16<br>0°546'56<br>30°RII<br>26°II17'11  | -4°39'59  | evening rise  evening max el desc. node retrograde evening set min. Earth dist.  | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45<br>-775 Jun 10 j 01:26  | 0°803'47<br>0°8<br>0°Д<br>11°Д27'53<br>16°Д49'30<br>18°Д33'56<br>17°Д33'50<br>14°Д43'16  | 0.57371 AU  |
| min. Earth dist. inferior conj minimum elong morning rise direct  | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 01 j 18:11<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 11 j 21:24  | 7°539'42<br>6°500'52<br>3°522'07<br>0°548'16<br>0°546'56<br>30°RII<br>26°II 17'11<br>25°II 55'24  | -4°39'59<br>4°39'58   | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj  | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45<br>-775 Jun 10 j 01:26<br>-775 Jun 13 j 01:15   | 0°803'47<br>0°8<br>0°П<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П43'16<br>12°П44'03   | 0.57371 AU<br>-4°27'08  |
| min. Earth dist.<br>inferior conj<br>minimum elong<br>morning rise  | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 01 j 18:11<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20   | 7°939'42<br>6°900'52<br>3°922'07<br>0°948'16<br>0°946'56<br>30°RII<br>26°II 17'11<br>25°II 55'24  | -4°39'59  | evening rise  evening max el desc. node retrograde evening set min. Earth dist.  | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45<br>-775 Jun 10 j 01:26  | 0°803'47<br>0°8<br>0°Д<br>11°Д27'53<br>16°Д49'30<br>18°Д33'56<br>17°Д33'50<br>14°Д43'16  | 0.57371 AU<br>-4°27'08  |
| min. Earth dist. inferior conj minimum elong morning rise direct  | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 01 j 18:11<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 11 j 21:24  | 7°539'42<br>6°500'52<br>3°522'07<br>0°548'16<br>0°546'56<br>30°RII<br>26°II 17'11<br>25°II 55'24  | -4°39'59<br>4°39'58   | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj  | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45<br>-775 Jun 10 j 01:26<br>-775 Jun 13 j 01:15   | 0°803'47<br>0°8<br>0°П<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П43'16<br>12°П44'03   | 0.57371 AU<br>-4°27'08  |
| min. Earth dist. inferior conj minimum elong morning rise direct  | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:11<br>-776 Jul 09 j 09:20<br>-776 Jul 11 j 21:24<br>-776 Jul 19 j 15:54  | 7°539'42<br>6°500'52<br>3°522'07<br>0°548'16<br>0°546'56<br>30°RII<br>26°II17'11<br>25°II55'24<br>29°II38'56  | -4°39'59<br>4°39'58   | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong  | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45<br>-775 Jun 10 j 01:26<br>-775 Jun 13 j 01:15<br>-775 Jun 12 j 21:31  | 0°803'47<br>0°8<br>0°П<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П43'16<br>12°П44'03<br>12°П50'18  | 0.57371 AU<br>-4°27'08  |
| min. Earth dist. inferior conj minimum elong morning rise direct morning max el   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:11<br>-776 Jul 09 j 09:20<br>-776 Jul 11 j 21:24<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°II17'11 25°II55'24 29°II38'56 0°\$  | -4°39'59<br>4°39'58   | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise   | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45<br>-775 Jun 10 j 01:26<br>-775 Jun 13 j 01:15<br>-775 Jun 12 j 21:31<br>-775 Jun 21 j 05:04   | 0°803'47<br>0°8<br>0°П<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П43'16<br>12°П44'03<br>12°П50'18<br>8°П34'10  | 0.57371 AU<br>-4°27'08  |
| min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:11<br>-776 Jul 09 j 09:20<br>-776 Jul 11 j 21:24<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35<br>-776 Jul 23 j 17:17  | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°II17'11 25°II55'24 29°II38'56 0°\$6 4°\$23'37   | -4°39'59<br>4°39'58   | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct  | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45<br>-775 Jun 10 j 01:26<br>-775 Jun 12 j 21:31<br>-775 Jun 21 j 05:04<br>-775 Jun 23 j 18:41   | 0°803'47<br>0°8<br>0°Л<br>11°П27'53<br>16°Л49'30<br>18°Л33'56<br>17°Л33'50<br>14°Л44'03<br>12°Л44'03<br>12°Л50'18<br>8°Л34'10<br>8°Л15'08  | 0.57371 AU<br>-4°27'08<br>4°26'42   |
| min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 11 j 21:24<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35<br>-776 Jul 23 j 17:17<br>-776 Aug 04 j 18:09   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°II17'11 25°II55'24 29°II38'56 0°\$6 4°\$23'37 25°\$14'31  | -4°39'59<br>4°39'58   | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el   | -775 Apr 20 j 11:35<br>-775 Apr 20 j 10:52<br>-775 May 07 j 01:56<br>-775 May 16 j 13:49<br>-775 May 23 j 19:30<br>-775 May 30 j 13:36<br>-775 Jun 04 j 16:45<br>-775 Jun 10 j 01:26<br>-775 Jun 12 j 21:31<br>-775 Jun 21 j 05:04<br>-775 Jun 23 j 18:41<br>-775 Jul 02 j 17:25  | 0°803'47<br>0°8<br>0°Л<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П43'16<br>12°П44'03<br>12°П50'18<br>8°П34'10<br>8°П15'08<br>12°П25'33   | 0.57371 AU<br>-4°27'08<br>4°26'42   |
| min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 11 j 21:24<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35<br>-776 Jul 23 j 17:17<br>-776 Aug 04 j 18:09   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°II17'11 25°I55'24 29°I38'56 0°\$4 4°\$23'37 25°\$14'31 0°Ω  | -4°39'59<br>4°39'58   | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el   | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23   | 0°803'47<br>0°8<br>0°П<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П44'03<br>12°П44'03<br>12°П50'18<br>8°П34'10<br>8°П15'08<br>12°П25'33<br>22°П40'04  | 0.57371 AU<br>-4°27'08<br>4°26'42   |
| min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35<br>-776 Jul 20 j 00:35<br>-776 Jul 23 j 17:17<br>-776 Aug 04 j 18:09<br>-776 Aug 07 j 05:43  | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°II17'11 25°I55'24 29°I38'56 0°\$4 4°\$23'37 25°\$14'31 0°Ω  | -4°39'59<br>4°39'58<br>18°25'05                                     | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51   | 0°803'47<br>0°8<br>0°П<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П44'03<br>12°П50'18<br>8°П34'10<br>8°П35'08<br>12°П25'33<br>22°П40'04<br>0°©  | 0.57371 AU<br>-4°27'08<br>4°26'42   |
| min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35<br>-776 Jul 20 j 00:35<br>-776 Jul 20 j 00:35<br>-776 Jul 20 j 00:35<br>-776 Aug 04 j 18:09<br>-776 Aug 07 j 05:43   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°\$II 26°\$I17'11 25°\$I55'24 29°\$I38'56 0°\$40'\$23'37 25°\$14'31 0°\$Ω   | -4°39'59<br>4°39'58<br>18°25'05                                     | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51   | 0°803'47<br>0°8<br>0°П<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П43'16<br>12°П44'03<br>12°П50'18<br>8°П34'10<br>8°П15'08<br>12°П25'33<br>22°П40'04<br>0°9<br>9°927'16                         | 0.57371 AU<br>-4°27'08<br>4°26'42   |
| min. Earth dist. inferior conj minimum elong  morning rise direct morning max el  asc. node morning set  superior conj minimum elong  | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35<br>-776 Jul 20 j 00:35<br>-776 Jul 23 j 17:17<br>-776 Aug 04 j 18:09<br>-776 Aug 07 j 05:43<br>-776 Aug 13 j 21:07<br>-776 Aug 13 j 23:30<br>-776 Aug 21 j 07:17   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°I17'11 25°I55'24 29°I38'56 0°\$4\$23'37 25°\$14'31 0°\$\Omega\$1'55 12°\$\Omega\$31'55 12°\$\Omega\$42'57 25°\$\Omega\$48'07  | -4°39'59<br>4°39'58<br>18°25'05<br>1°42'12<br>1°42'06               | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51 -775 Jul 19 j 16:16   | 0°803'47<br>0°8<br>0°П<br>11°П27'53<br>16°П49'30<br>18°П33'56<br>17°П33'50<br>14°П43'16<br>12°П44'03<br>12°П50'18<br>8°П34'10<br>8°П15'08<br>12°П25'33<br>22°П40'04<br>0°9<br>9°927'16                         | 0.57371 AU<br>-4°27'08<br>4°26'42<br>19°11'13                                     |
| min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist.   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35<br>-776 Jul 20 j 00:35<br>-776 Jul 23 j 17:17<br>-776 Aug 04 j 18:09<br>-776 Aug 07 j 05:43<br>-776 Aug 13 j 21:07<br>-776 Aug 21 j 07:17<br>-776 Aug 23 j 18:14   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°I17'11 25°I55'24 29°I38'56 0°\$4 4°\$23'37 25°\$14'31 0°\$\Omega\$ 12°\$\Omega\$31'55 12°\$\Omega\$42'57 25°\$\Omega\$48'07 0°\$\Omega\$  | -4°39'59<br>4°39'58<br>18°25'05<br>1°42'12<br>1°42'06               | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set superior conj                            | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 13 j 01:15 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51 -775 Jul 27 j 22:57 -775 Jul 27 j 22:57   | 0°803'47<br>0°8<br>0°11<br>11°1127'53<br>16°1149'30<br>18°1133'56<br>17°1133'50<br>14°114'03<br>12°1150'18<br>8°113'10<br>8°115'08<br>12°1125'33<br>22°1140'04<br>0°9<br>9°927'16                              | 0.57371 AU<br>-4°27'08<br>4°26'42<br>19°11'13                                     |
| min. Earth dist. inferior conj minimum elong  morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist. evening rise   | -776 Jun 17 j 21:22<br>-776 Jun 24 j 05:14<br>-776 Jun 28 j 09:15<br>-776 Jul 01 j 17:29<br>-776 Jul 02 j 18:45<br>-776 Jul 09 j 09:20<br>-776 Jul 19 j 15:54<br>-776 Jul 20 j 00:35<br>-776 Jul 20 j 00:35<br>-776 Jul 23 j 17:17<br>-776 Aug 04 j 18:09<br>-776 Aug 13 j 21:07<br>-776 Aug 13 j 23:30<br>-776 Aug 21 j 07:17<br>-776 Aug 23 j 18:14<br>-776 Aug 25 j 18:43  | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°I17'11 25°I55'24 29°I38'56 0°\$4'\$23'37 25°\$14'31 0°\$\Omega\$ 12°\$\Omega\$31'55 12°\$\Omega\$42'57 25°\$\Omega\$48'07 0°\$\Omega\$3'\Omega\$23'02   | -4°39'59<br>4°39'58<br>18°25'05<br>1°42'12<br>1°42'06               | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  superior conj minimum elong             | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51 -775 Jul 19 j 16:16 -775 Jul 27 j 22:57 -775 Jul 27 j 23:11 -775 Jul 30 j 03:12   | 0°803'47 0°8 0°11 11°1127'53 16°1149'30 18°1133'56 17°1133'50 14°114'03 12°1150'18 8°113'08 12°115'08 12°1125'33 22°1140'04 0°5 9°527'16 25°549'18 25°50'23 0°Ω  | 0.57371 AU<br>-4°27'08<br>4°26'42<br>19°11'13<br>1°47'36<br>1°47'37               |
| min. Earth dist. inferior conj minimum elong  morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist.  | -776 Jun 17 j 21:22 -776 Jun 24 j 05:14 -776 Jun 28 j 09:15 -776 Jul 01 j 17:29 -776 Jul 02 j 18:45 -776 Jul 09 j 09:20 -776 Jul 11 j 21:24 -776 Jul 19 j 15:54 -776 Jul 20 j 00:35 -776 Jul 23 j 17:17 -776 Aug 04 j 18:09 -776 Aug 13 j 21:07 -776 Aug 13 j 23:30 -776 Aug 23 j 18:14 -776 Aug 25 j 18:43 -776 Sep 01 j 21:49   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°I17'11 25°I55'24 29°I38'56 0°\$4 4°\$23'37 25°\$14'31 0°\$\Omega\$ 12°\$\Omega\$31'55 12°\$\Omega\$42'57 25°\$\Omega\$48'07 0°\$\Omega\$  | -4°39'59<br>4°39'58<br>18°25'05<br>1°42'12<br>1°42'06               | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  superior conj minimum elong morning set | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 19 j 16:16 -775 Jul 27 j 22:57 -775 Jul 27 j 22:57 -775 Jul 27 j 23:11 -775 Jul 30 j 03:12 -775 Aug 03 j 10:25   | 0°803'47 0°8 0° II 11° II 27'53 16° II 49'30 18° II 33'56 17° II 33'50 14° II 44'03 12° II 50'18 8° II 34'10 8° II 15'08 12° II 25'33 22° II 40'04 0° 9° 9° 27'16 25° \$50'23 0° \$\alpha\$ 8° \$\alpha\$00'14 | 0.57371 AU<br>-4°27'08<br>4°26'42<br>19°11'13                                     |
| min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist. evening rise desc. node                               | -776 Jun 17 j 21:22 -776 Jun 24 j 05:14 -776 Jun 28 j 09:15 -776 Jul 01 j 17:29 -776 Jul 01 j 18:11 -776 Jul 02 j 18:45 -776 Jul 09 j 09:20 -776 Jul 11 j 21:24 -776 Jul 19 j 15:54 -776 Jul 20 j 00:35 -776 Jul 23 j 17:17 -776 Aug 04 j 18:09 -776 Aug 13 j 21:07 -776 Aug 13 j 23:30 -776 Aug 21 j 07:17 -776 Aug 23 j 18:14 -776 Aug 25 j 18:43 -776 Sep 01 j 21:49 -776 Sep 12 j 00:26   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°I17'11 25°I55'24 29°I38'56 0°\$4'\$23'37 25°\$14'31 0°\$\Omega\$1 12°\$\Omega\$31'55 12°\$\Omega\$42'57 25°\$\Omega\$48'07 0°\$\Omega\$3'\$\Omega\$23'02 14°\$\Omega\$51'31 0°\$\Omega\$        | -4°39'59<br>4°39'58<br>18°25'05<br>1°42'12<br>1°42'06<br>1.40308 AU | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  superior conj minimum elong             | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 30 j 13:36 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51 -775 Jul 19 j 16:16 -775 Jul 27 j 22:57 -775 Jul 27 j 23:11 -775 Jul 30 j 03:12 -775 Aug 03 j 10:25 -775 Aug 07 j 05:56                     | 0°803'47 0°8 0°11 11°1127'53 16°1149'30 18°113'56 17°1133'56 12°1144'03 12°115'08 12°115'08 12°1125'33 22°1140'04 0°9 9°927'16 25°950'23 0°Ω 8°Ω00'14 14°Ω48'26  | 0.57371 AU<br>-4°27'08<br>4°26'42<br>19°11'13<br>1°47'36<br>1°47'37               |
| min. Earth dist. inferior conj minimum elong  morning rise direct morning max el  asc. node morning set  superior conj minimum elong max. Earth dist.  evening rise desc. node  evening max el            | -776 Jun 17 j 21:22 -776 Jun 24 j 05:14 -776 Jun 28 j 09:15 -776 Jul 01 j 17:29 -776 Jul 02 j 18:45 -776 Jul 09 j 09:20 -776 Jul 19 j 15:54 -776 Jul 20 j 00:35 -776 Jul 23 j 17:17 -776 Aug 04 j 18:09 -776 Aug 13 j 21:07 -776 Aug 13 j 23:30 -776 Aug 21 j 07:17 -776 Aug 25 j 18:43 -776 Sep 01 j 21:49 -776 Sep 29 j 11:15   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°I17'11 25°I55'24 29°I38'56 0°\$ 4°\$23'37 25°\$14'31 0°\$\Omega\$ 12°\$\Omega\$31'55 12°\$\Omega\$42'57 25°\$\Omega\$48'07 0°\$\Omega\$3'02 14°\$\Omega\$51'31 0°\$\Omega\$22'\$\Omega\$6'39    | -4°39'59<br>4°39'58<br>18°25'05<br>1°42'12<br>1°42'06               | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  superior conj minimum elong morning set | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51 -775 Jul 19 j 16:16 -775 Jul 27 j 22:57 -775 Jul 27 j 23:11 -775 Jul 30 j 03:12 -775 Aug 03 j 10:25 -775 Aug 07 j 05:56 -775 Aug 16 j 08:50 | 0°803'47 0°8 0°11 11°1127'53 16°1149'30 18°113'56 17°1133'50 14°114'03 12°115'08 12°115'08 12°1125'33 22°1140'04 0°9 9°927'16 25°949'18 25°950'23 0°Ω 8°Ω00'14 14°Ω48'26 0°10                                  | 0.57371 AU<br>-4°27'08<br>4°26'42<br>19°11'13<br>1°47'36<br>1°47'37               |
| min. Earth dist. inferior conj minimum elong  morning rise direct morning max el  asc. node morning set  superior conj minimum elong max. Earth dist.  evening rise desc. node  evening max el retrograde | -776 Jun 17 j 21:22 -776 Jun 24 j 05:14 -776 Jun 28 j 09:15 -776 Jul 01 j 17:29 -776 Jul 01 j 18:11 -776 Jul 02 j 18:45 -776 Jul 09 j 09:20 -776 Jul 11 j 21:24 -776 Jul 20 j 00:35 -776 Jul 20 j 00:35 -776 Jul 23 j 17:17 -776 Aug 04 j 18:09 -776 Aug 13 j 21:07 -776 Aug 13 j 23:30 -776 Aug 21 j 07:17 -776 Aug 23 j 18:14 -776 Aug 25 j 18:43 -776 Sep 01 j 21:49 -776 Sep 12 j 00:26 -776 Sep 29 j 11:15 -776 Oct 10 j 00:04 | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°II7'11 25°I55'24 29°I38'56 0°\$4'\$23'37 25°\$14'31 0°Ω 12°\$\Omega_31'55 12°\$\Omega_42'57 25°\$\Omega_48'07 0°\$\Omega_30'02 14°\$\Omega_51'31 0°\$\Omega_22'\$\Omega_06'39 28°\$\Omega_19'55 | -4°39'59<br>4°39'58<br>18°25'05<br>1°42'12<br>1°42'06<br>1.40308 AU | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  superior conj minimum elong morning set | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51 -775 Jul 27 j 22:57 -775 Jul 27 j 22:57 -775 Jul 27 j 23:11 -775 Jul 30 j 03:12 -775 Aug 03 j 10:25 -775 Aug 07 j 05:56 -775 Aug 19 j 18:51 | 0°803'47 0°8 0°11 11°1127'53 16°1149'30 18°133'56 17°133'50 14°114'03 12°115'08 12°115'08 12°1125'33 22°1140'04 0°9 9°927'16 25°949'18 25°950'23 0°Ω 8°Ω00'14 14°Ω48'26 0°10 5°1019'35                         | 0.57371 AU<br>-4°27'08<br>4°26'42<br>19°11'13<br>1°47'36<br>1°47'37               |
| min. Earth dist. inferior conj minimum elong  morning rise direct morning max el  asc. node morning set  superior conj minimum elong max. Earth dist.  evening rise desc. node  evening max el            | -776 Jun 17 j 21:22 -776 Jun 24 j 05:14 -776 Jun 28 j 09:15 -776 Jul 01 j 17:29 -776 Jul 02 j 18:45 -776 Jul 09 j 09:20 -776 Jul 19 j 15:54 -776 Jul 20 j 00:35 -776 Jul 23 j 17:17 -776 Aug 04 j 18:09 -776 Aug 13 j 21:07 -776 Aug 13 j 23:30 -776 Aug 21 j 07:17 -776 Aug 25 j 18:43 -776 Sep 01 j 21:49 -776 Sep 29 j 11:15   | 7°\$39'42 6°\$00'52 3°\$22'07 0°\$48'16 0°\$46'56 30°RII 26°I17'11 25°I55'24 29°I38'56 0°\$ 4°\$23'37 25°\$14'31 0°\$\Omega\$ 12°\$\Omega\$31'55 12°\$\Omega\$42'57 25°\$\Omega\$48'07 0°\$\Omega\$3'02 14°\$\Omega\$51'31 0°\$\Omega\$22'\$\Omega\$6'39    | -4°39'59<br>4°39'58<br>18°25'05<br>1°42'12<br>1°42'06<br>1.40308 AU | evening rise  evening max el desc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node  morning set  superior conj minimum elong morning set | -775 Apr 20 j 11:35 -775 Apr 20 j 10:52 -775 May 07 j 01:56 -775 May 16 j 13:49 -775 May 23 j 19:30 -775 May 30 j 13:36 -775 Jun 04 j 16:45 -775 Jun 10 j 01:26 -775 Jun 12 j 21:31 -775 Jun 21 j 05:04 -775 Jun 23 j 18:41 -775 Jul 02 j 17:25 -775 Jul 10 j 14:23 -775 Jul 14 j 18:51 -775 Jul 19 j 16:16 -775 Jul 27 j 22:57 -775 Jul 27 j 23:11 -775 Jul 30 j 03:12 -775 Aug 03 j 10:25 -775 Aug 07 j 05:56 -775 Aug 16 j 08:50 | 0°803'47 0°8 0°11 11°1127'53 16°1149'30 18°113'56 17°1133'50 14°114'03 12°115'08 12°115'08 12°1125'33 22°1140'04 0°9 9°927'16 25°949'18 25°950'23 0°Ω 8°Ω00'14 14°Ω48'26 0°10                                  | 0.57371 AU<br>-4°27'08<br>4°26'42<br>19°11'13<br>1°47'36<br>1°47'37<br>1.38303 AU |

| Attention astronom   | nical year style is used: The   |  | actronomical cou  | inting style is the year   |   |  | ge 08   |
|--|---|--|---|--|---|--|---|
| retrograde   | -775 Sep 23 j 13:04   | ne year -900 m<br>12° <b>£</b> 24'55   | astronomicai cou  | evening set  | -774 Sep 13 j 03:27   | 23° <b>M</b> 44'47   |   |
| •  |   | 12 <b>=</b> 24 33<br>10° <b>⊆</b> 01'44  |   | min. Earth dist.   |   | -•   | 0.66605 AU  |
| evening set<br>min. Earth dist.  | -775 Sep 29 j 04:30<br>-775 Oct 03 j 18:17  | 4° <b>£</b> 49'24  | 0.67259 AU  | inferior conj  | -774 Sep 17 j 09:13<br>-774 Sep 18 j 17:05  | 19° Mp 08'54<br>17° Mp 28'43   |   |
| inferior conj  | -775 Oct 03 j 18:17   | 3° <b>£</b> 41'18  |   | minimum elong  | -774 Sep 18 j 17:03   | 17° My 21'12   |   |
| minimum elong  | -775 Oct 04 j 15:50   | 3° <b>£</b> 38'01  | 0°39'47   | asc. node  | -774 Sep 18 j 19:29   | 17 my 21 12<br>12° my 20'05  | 1 3440  |
| asc. node  | -775 Oct 06 j 13:32   | 1° <b>£</b> 10'55  | 0 3947  | morning rise   | -774 Sep 24 j 11:47   | 12 m/2003<br>11°m/35'53  |   |
| asc. Houc  | -775 Oct 00 j 13:32   | 30°RM)   |   | direct   | -774 Sep 27 j 16:20   | 10° m <sub>0</sub> 37'25   |   |
| morning rise   | -775 Oct 10 j 03:14   | 27° Mp 39'03   |   | morning max el   | -774 Oct 04 j 15:19   | 10 m/3723<br>14° m/32'02   | 19°02'45  |
| direct   | -775 Oct 10 j 03:14<br>-775 Oct 13 j 18:01  | 26° Tp 23'43   |   | morning max ci   | -774 Oct 04 j 13:19   | 0° <b>⊽</b>  | 19 02 43  |
| direct   | -775 Oct 20 j 13:41   | 0° <b>⊡</b>  |   | morning set  | -774 Oct 10 j 02:48   | 0 <b>—</b><br>16° <b>≏</b> 58'04   |   |
| morning max el   | -775 Oct 20 j 13:41<br>-775 Oct 21 j 08:10  | 0° <b></b><br>0° <b>-</b> 245'19   | 19°59'09  | desc. node   | -774 Nov 02 j 15:09   | 27° <b>£</b> 21'49   |   |
| morning max ci   | -775 Nov 11 j 08:45   | 0° <b>™</b>  | 19 39 09  | desc. flode  | -774 Nov 04 j 07:30   | 27 <b>=</b> 21 49<br>0° <b>M</b>   |   |
| desc. node   | -775 Nov 11 j 08:43   | 6°M44'38   |   | max. Earth dist.   | -774 Nov 10 j 18:19   | 10°ML08'11   | 1.44817 AU  |
| morning set  | -775 Nov 16 j 15:44   | 8°M08'04   |   | max. Earm dist.  | -//4 NOV 10 J 18.19   | 10 11600 11  | 1.44617 AU  |
| max. Earth dist.   | -775 Nov 28 j 02:21   | 26°M05'07  | 1.43951 AU  | superior conj  | -774 Nov 12 j 13:41   | 12°M59'16  | 1001/51   |
| max. Earth dist.   | -775 Nov 30 j 12:58   | 20 11€03 07<br>0° <b>√</b> 1   | 1.43931 AU  | minimum elong  | -774 Nov 12 j 13:41<br>-774 Nov 12 j 06:22  | 12°M30'22  |   |
|  | -//3 NOV 30 J 12.38   | 0 🗴  |   | minimum erong  | 3   | 0° <b>√</b>  | 1 00 39   |
|  | 775 D 02 : 04-50  | 49.71922   | 1020120   |  | -774 Nov 23 j 05:26<br>-774 Nov 27 j 16:50  | 0 <b>x</b> .<br>7° <b>x</b> 16'06  |   |
| superior conj  | -775 Dec 03 j 04:50<br>-775 Dec 02 j 21:36  | 4° <b>₹</b> 18'32<br>3° <b>₹</b> 49'08   |   | evening rise   | 3   | 0°3<br>7×1000  |   |
| minimum elong  | ,   |  | 1 38 04   |  | -774 Dec 11 j 22:08   |  | 10020147  |
| evening rise   | -775 Dec 16 j 10:31   | 26°♂28'11<br>0°る   |   | evening max el   | -774 Dec 18 j 00:28   | 7° <b>る</b> 48'34  | 18°38'47  |
|  | -775 Dec 18 j 11:54   |  |   | asc. node  | -774 Dec 20 j 09:52   | 9° <b>る</b> 54'58  |   |
| asc. node  | -774 Jan 02 j 12:50   | 23°る22'03  | 10014110  | retrograde   | -774 Dec 24 j 16:29   | 11° <b>る</b> 31'49   |   |
| evening max el   | -774 Jan 03 j 12:41   | 24°₹25'46  | 18°14'10  | evening set  | -774 Dec 27 j 18:37   | 10°る38'00  | 2020152   |
| retrograde   | -774 Jan 10 j 00:37   | 27°る54'49  |   | inferior conj  | -773 Jan 02 j 14:23   | 5° <b>る</b> 00'21  | 3°30'53   |
| evening set  | -774 Jan 12 j 21:41   | 27°る11'40  | 2040127   | minimum elong  | -773 Jan 02 j 11:56   | 5° <b>る</b> 07'40  | 3°30'28   |
| inferior conj  | -774 Jan 19 j 01:19   | 21°る51'59  | 3°49'27   | min. Earth dist.   | -773 Jan 04 j 11:50   | 2° <b>3</b> 44'19  | 0.64849 AU  |
| minimum elong  | -774 Jan 19 j 00:04   | 21°る55'25  | 3°49'21   |  | -773 Jan 06 j 23:58   | 30°₹ <b>৴</b>  |   |
| min. Earth dist.   | -774 Jan 21 j 14:00   |  | 0.63237 AU  | morning rise   | -773 Jan 08 j 04:50   | 28° 🖈 53'23  |   |
| morning rise   | -774 Jan 25 j 01:41   | 15° <b>る</b> 51'53   |   | direct   | -773 Jan 14 j 23:21   | 26° <b>₹</b> 01'02   |   |
| direct   | -774 Feb 01 j 01:48   | 13° <b>る</b> 07'34   |   |  | -773 Jan 24 j 02:47   | 0°る  |   |
| desc. node   | -774 Feb 11 j 17:20   | 18°る03'06  | 270 4212 5  | morning max el   | -773 Jan 28 j 07:13   | 3°₹45'16   | 27°08'50  |
| morning max el   | -774 Feb 14 j 21:42   | 20°る58'00  | 27°42'25  | desc. node   | -773 Jan 29 j 14:22   | 5° <b>る</b> 05'17  |   |
|  | -774 Feb 22 j 18:18   | 0° <b>≈</b>  |   |  | -773 Feb 17 j 04:13   | 0°≈  |   |
|  | -774 Mar 14 j 00:44   | 0° <b>)</b> (4504  |   | morning set  | -773 Mar 04 j 20:11   | 27°≈28'43  |   |
| morning set  | -774 Mar 21 j 05:43   | 13° <b>)</b> (45'14  | 1 22041 444   | E d E c  | -773 Mar 06 j 03:10   | 0° <b>){</b>   | 1 22000 444   |
| max. Earth dist.   | -774 Mar 26 j 14:06   | 24° <b>)</b> 48′08   | 1.33041 AU  | max. Earth dist.   | -773 Mar 09 j 11:28   | 6° <b>)</b> 42'35  | 1.33988 AU  |
| superior conj  | -774 Mar 28 j 21:33   | 29° <b>)</b> 44'21   | -0°27'15  | superior conj  | -773 Mar 13 j 01:17   | 14° <b>)</b> €07'23  | -0°53'36  |
| minimum elong  | -774 Mar 28 j 22:50   | 29° <b>)</b> 51'17   |   | minimum elong  | -773 Mar 13 j 03:48   | 14° <b>X</b> (0723   | 0°53'08   |
| minimum ciong  | -774 Mar 29 j 00:27   | 0°Υ  | 0 203)  | asc. node  | -773 Mar 18 j 09:13   | 25° <b>)</b> 24'43   | 0 33 00   |
| asc. node  | -774 Mar 31 j 12:12   | 5° <b>Υ</b> 22'29  |   | evening rise   | -773 Mar 20 j 09:56   | 29° <b>)</b> (41'00  |   |
| evening rise   | -774 Apr 04 j 23:23   | 14° <b>Y</b> 57'01   |   | evening rise   | -773 Mar 20 j 13:35   | 0°Υ  |   |
| e vennig rise  | -774 Apr 12 j 13:21   | 0°8  |   |  | -773 Apr 07 j 08:06   | 0°8  |   |
| evening max el   | -774 Apr 28 j 04:33   | 22° <b>8</b> 05'26   | 23°21'33  | evening max el   | -773 Apr 09 j 23:24   | 2° <b>8</b> 47'15  | 21°48'14  |
| desc. node   | -774 May 10 j 16:32   | 28° <b>8</b> 48'26   | 25 21 55  | retrograde   | -773 Apr 22 j 10:39   | 8° <b>8</b> 52'08  | 21 1011   |
| retrograde   | -774 May 11 j 17:43   | 28° <b>8</b> 50'56   |   | evening set  | -773 Apr 25 j 00:37   | 8° <b>8</b> 37'11  |   |
| evening set  | -774 May 15 j 10:24   | 28° <b>8</b> 20'55   |   | -  | 11311pi 23 j 00.31  | 0 03/11  |   |
| min. Earth dist.   | // 1111dy 15 j 10.21  |  |   | desc node  |   | 7° <b>႘</b> 55'31  |   |
|  | -774 May 22 i 14·41   |  | 0.55840 AU  | desc. node<br>inferior coni  | -773 Apr 27 j 13:35   | 7° <b>と</b> 55'31<br>4° <b>と</b> 33'24   | -1°55'17  |
| inferior coni  | -774 May 22 j 14:41   | 25° <b>8</b> 04'52   | 0.55840 AU<br>-3°32'34  | inferior conj  | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28  | 4° <b>8</b> 33'24  |   |
| inferior conj  | -774 May 24 j 13:07   | 25° <b>8</b> 04'52<br>23° <b>8</b> 56'17   | -3°32'34  | inferior conj<br>minimum elong   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15   | 4° <b>と</b> 33'24<br>4° <b>と</b> 40'44   | 1°53'32   |
| minimum elong  | -774 May 24 j 13:07<br>-774 May 24 j 06:13  | 25°804'52<br>23°856'17<br>24°806'32  | -3°32'34  | inferior conj<br>minimum elong<br>min. Earth dist.   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49  | 4° <b>8</b> 33'24<br>4° <b>8</b> 40'44<br>4° <b>8</b> 42'44  |   |
| minimum elong<br>morning rise  | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48   | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31   | -3°32'34  | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55   | 4°833'24<br>4°840'44<br>4°842'44<br>0°836'11   | 1°53'32   |
| minimum elong<br>morning rise<br>direct  | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42  | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11  | -3°32'34<br>3°30'54   | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14  | 4°\d33'24<br>4°\d40'44<br>4°\d2'44<br>0°\d36'11<br>0°\d37'12   | 1°53'32<br>0.55067 AU   |
| minimum elong<br>morning rise  | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42<br>-774 Jun 15 j 08:54   | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11<br>24°834'52   | -3°32'34  | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19   | 4°833'24<br>4°840'44<br>4°842'44<br>0°836'11<br>0°817'12<br>6°801'11   | 1°53'32   |
| minimum elong<br>morning rise<br>direct<br>morning max el  | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42<br>-774 Jun 15 j 08:54<br>-774 Jun 20 j 04:11  | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11<br>24°8'34'52<br>0°II  | -3°32'34<br>3°30'54   | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44  | 4°႘33'24<br>4°႘40'44<br>4°႘42'44<br>0°႘36'11<br>0°႘17'12<br>6°႘01'11   | 1°53'32<br>0.55067 AU   |
| minimum elong<br>morning rise<br>direct<br>morning max el<br>asc. node   | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42<br>-774 Jun 15 j 08:54<br>-774 Jun 20 j 04:11<br>-774 Jun 27 j 11:27   | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11<br>24°834'52<br>0°11<br>11°134'43  | -3°32'34<br>3°30'54   | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>asc. node  | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44<br>-773 Jun 14 j 08:30   | 4°833'24<br>4°840'44<br>4°842'44<br>0°836'11<br>0°817'12<br>6°801'11<br>0°Π<br>0°Π57'17  | 1°53'32<br>0.55067 AU   |
| minimum elong<br>morning rise<br>direct<br>morning max el  | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42<br>-774 Jun 15 j 08:54<br>-774 Jun 20 j 04:11<br>-774 Jun 27 j 11:27<br>-774 Jul 03 j 20:59  | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11<br>24°8'34'52<br>0°II  | -3°32'34<br>3°30'54   | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44  | 4°႘33'24<br>4°႘40'44<br>4°႘42'44<br>0°႘36'11<br>0°႘17'12<br>6°႘01'11   | 1°53'32<br>0.55067 AU   |
| minimum elong<br>morning rise<br>direct<br>morning max el<br>asc. node   | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42<br>-774 Jun 15 j 08:54<br>-774 Jun 20 j 04:11<br>-774 Jun 27 j 11:27   | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11<br>24°834'52<br>0°II<br>11°II34'43<br>24°II01'27                                 | -3°32'34<br>3°30'54   | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>asc. node<br>morning set   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44<br>-773 Jun 14 j 08:30<br>-773 Jun 18 j 05:56  | 4°833'24<br>4°840'44<br>4°842'44<br>0°836'11<br>0°817'12<br>6°801'11<br>0°Π<br>0°Π57'17  | 1°53'32<br>0.55067 AU   |
| minimum elong<br>morning rise<br>direct<br>morning max el<br>asc. node<br>morning set  | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42<br>-774 Jun 15 j 08:54<br>-774 Jun 20 j 04:11<br>-774 Jun 27 j 11:27<br>-774 Jul 03 j 20:59<br>-774 Jul 06 j 18:57   | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11<br>24°834'52<br>0°II<br>11°II34'43<br>24°II01'27                                 | -3°32'34<br>3°30'54<br>20°18'08                                     | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>asc. node<br>morning set<br>superior conj                                | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44<br>-773 Jun 14 j 08:30<br>-773 Jun 25 j 13:42  | 4°833'24<br>4°840'44<br>4°842'44<br>0°836'11<br>0°817'12<br>6°801'11<br>0°П<br>0°П57'17<br>8°П49'33  | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33                          |
| minimum elong<br>morning rise<br>direct<br>morning max el<br>asc. node<br>morning set  | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42<br>-774 Jun 15 j 08:54<br>-774 Jun 20 j 04:11<br>-774 Jun 27 j 11:27<br>-774 Jul 03 j 20:59<br>-774 Jul 06 j 18:57   | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11<br>24°834'52<br>0°II<br>11°II34'43<br>24°II01'27<br>0°55                         | -3°32'34<br>3°30'54<br>20°18'08                                     | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>asc. node<br>morning set   | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44<br>-773 Jun 14 j 08:30<br>-773 Jun 25 j 13:42<br>-773 Jun 25 j 11:26   | 4°833'24<br>4°840'44<br>4°842'44<br>0°836'11<br>0°817'12<br>6°801'11<br>0°П<br>0°П<br>8°П49'33   | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33                          |
| minimum elong<br>morning rise<br>direct<br>morning max el<br>asc. node<br>morning set  | -774 May 24 j 13:07 -774 May 24 j 06:13 -774 Jun 02 j 04:48 -774 Jun 04 j 20:42 -774 Jun 15 j 08:54 -774 Jun 20 j 04:11 -774 Jun 27 j 11:27 -774 Jul 03 j 20:59 -774 Jul 06 j 18:57 -774 Jul 11 j 13:50 -774 Jul 11 j 12:28   | 25°804'52<br>23°856'17<br>24°806'32<br>20°800'31<br>19°843'11<br>24°834'52<br>0°II<br>11°II34'43<br>24°II01'27<br>0°99                         | -3°32'34<br>3°30'54<br>20°18'08                                     | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>asc. node<br>morning set<br>superior conj                                | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44<br>-773 Jun 14 j 08:30<br>-773 Jun 25 j 13:42<br>-773 Jun 25 j 11:26<br>-773 Jun 28 j 08:49  | 4°833'24<br>4°840'44<br>4°842'44<br>0°836'11<br>0°817'12<br>6°801'11<br>0°П57'17<br>8°П49'33<br>24°П13'06<br>24°П01'17   | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33                          |
| minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist.                         | -774 May 24 j 13:07<br>-774 May 24 j 06:13<br>-774 Jun 02 j 04:48<br>-774 Jun 04 j 20:42<br>-774 Jun 15 j 08:54<br>-774 Jun 20 j 04:11<br>-774 Jun 27 j 11:27<br>-774 Jul 03 j 20:59<br>-774 Jul 06 j 18:57   | 25°804'52 23°856'17 24°806'32 20°800'31 19°843'11 24°834'52 0°11 11°134'43 24°1101'27 0°9 9°947'19 9°940'25                                    | -3°32'34<br>3°30'54<br>20°18'08<br>1°44'24<br>1°44'21               | inferior conj minimum elong min. Earth dist. morning rise direct morning max el asc. node morning set superior conj minimum elong max. Earth dist.                         | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44<br>-773 Jun 14 j 08:30<br>-773 Jun 25 j 13:42<br>-773 Jun 25 j 11:26   | 4°833'24<br>4°840'44<br>4°842'44<br>0°836'11<br>0°817'12<br>6°801'11<br>0°П57'17<br>8°П49'33<br>24°П13'06<br>24°П01'17<br>0°9  | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33<br>1°34'20               |
| minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong  | -774 May 24 j 13:07 -774 May 24 j 06:13 -774 Jun 02 j 04:48 -774 Jun 04 j 20:42 -774 Jun 15 j 08:54 -774 Jun 20 j 04:11 -774 Jun 27 j 11:27 -774 Jul 03 j 20:59 -774 Jul 06 j 18:57 -774 Jul 11 j 13:50 -774 Jul 11 j 12:28 -774 Jul 16 j 15:57 -774 Jul 20 j 15:26   | 25°804'52 23°856'17 24°806'32 20°800'31 19°843'11 24°834'52 0°11 11°134'43 24°1101'27 0°99 9°9940'25 19°9950'12 27°9919'20                     | -3°32'34<br>3°30'54<br>20°18'08<br>1°44'24<br>1°44'21               | inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>asc. node<br>morning set<br>superior conj<br>minimum elong               | -773 Apr 27 j 13:35<br>-773 May 04 j 10:28<br>-773 May 04 j 05:15<br>-773 May 04 j 03:49<br>-773 May 13 j 10:55<br>-773 May 16 j 09:14<br>-773 May 28 j 13:19<br>-773 Jun 13 j 20:44<br>-773 Jun 14 j 08:30<br>-773 Jun 25 j 13:42<br>-773 Jun 25 j 11:26<br>-773 Jun 28 j 08:49<br>-773 Jun 29 j 05:11<br>-773 Jul 03 j 18:12                      | 4°833'24 4°840'44 4°842'44 0°836'11 0°817'12 6°801'11 0°II 0°II57'17 8°II49'33 24°II13'06 24°II01'17 0°99 1°9943'36 10°9941'51   | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33<br>1°34'20               |
| minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist.                         | -774 May 24 j 13:07 -774 May 24 j 06:13 -774 Jun 02 j 04:48 -774 Jun 04 j 20:42 -774 Jun 15 j 08:54 -774 Jun 20 j 04:11 -774 Jun 27 j 11:27 -774 Jul 03 j 20:59 -774 Jul 06 j 18:57 -774 Jul 11 j 13:50 -774 Jul 11 j 12:28 -774 Jul 16 j 15:57 -774 Jul 20 j 15:26 -774 Jul 22 j 02:43   | 25°804'52 23°856'17 24°806'32 20°800'31 19°843'11 24°834'52 0°11 11°134'43 24°1101'27 0°9 9°940'25 19°950'12 27°919'20 0°\$\ellow{\text{0}}    | -3°32'34<br>3°30'54<br>20°18'08<br>1°44'24<br>1°44'21               | inferior conj minimum elong min. Earth dist. morning rise direct morning max el asc. node morning set superior conj minimum elong max. Earth dist.                         | -773 Apr 27 j 13:35 -773 May 04 j 10:28 -773 May 04 j 05:15 -773 May 04 j 03:49 -773 May 13 j 10:55 -773 May 16 j 09:14 -773 May 28 j 13:19 -773 Jun 13 j 20:44 -773 Jun 14 j 08:30 -773 Jun 25 j 13:42 -773 Jun 25 j 11:26 -773 Jun 28 j 08:49 -773 Jun 29 j 05:11 -773 Jul 03 j 18:12 -773 Jul 14 j 13:24   | 4°833'24 4°840'44 4°842'44 0°836'11 0°817'12 6°801'11 0°II 0°II57'17 8°II49'33 24°II3'06 24°II01'17 0°9 1°943'36 10°941'51 0°Ω   | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33<br>1°34'20               |
| minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist. evening rise            | -774 May 24 j 13:07 -774 May 24 j 06:13 -774 Jun 02 j 04:48 -774 Jun 04 j 20:42 -774 Jun 15 j 08:54 -774 Jun 20 j 04:11 -774 Jun 27 j 11:27 -774 Jul 03 j 20:59 -774 Jul 06 j 18:57 -774 Jul 11 j 13:50 -774 Jul 11 j 12:28 -774 Jul 16 j 15:57 -774 Jul 20 j 15:26   | 25°804'52 23°856'17 24°806'32 20°800'31 19°843'11 24°834'52 0°11 11°134'43 24°1101'27 0°99 9°9940'25 19°9950'12 27°9919'20                     | -3°32'34<br>3°30'54<br>20°18'08<br>1°44'24<br>1°44'21               | inferior conj minimum elong min. Earth dist. morning rise direct morning max el asc. node morning set superior conj minimum elong max. Earth dist. evening rise            | -773 Apr 27 j 13:35 -773 May 04 j 10:28 -773 May 04 j 05:15 -773 May 04 j 03:49 -773 May 13 j 10:55 -773 May 16 j 09:14 -773 May 28 j 13:19 -773 Jun 13 j 20:44 -773 Jun 14 j 08:30 -773 Jun 25 j 13:42 -773 Jun 25 j 11:26 -773 Jun 28 j 08:49 -773 Jun 29 j 05:11 -773 Jul 03 j 18:12 -773 Jul 14 j 13:24 -773 Jul 24 j 12:55                     | 4°833'24 4°840'44 4°842'44 0°836'11 0°817'12 6°801'11 0°II 0°II57'17 8°II49'33 24°II13'06 24°II01'17 0°99 1°9943'36 10°9941'51   | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33<br>1°34'20               |
| minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist. evening rise            | -774 May 24 j 13:07 -774 May 24 j 06:13 -774 Jun 02 j 04:48 -774 Jun 04 j 20:42 -774 Jun 15 j 08:54 -774 Jun 20 j 04:11 -774 Jun 27 j 11:27 -774 Jul 03 j 20:59 -774 Jul 06 j 18:57 -774 Jul 11 j 13:50 -774 Jul 11 j 12:28 -774 Jul 16 j 15:57 -774 Jul 20 j 15:26 -774 Jul 22 j 02:43 -774 Aug 06 j 15:52 -774 Aug 09 j 17:38 | 25°804'52 23°856'17 24°806'32 20°800'31 19°843'11 24°834'52 0°11 11°134'43 24°101'27 0°9 9°940'25 19°950'12 27°919'20 0°10 25°131'52 0°10      | -3°32'34<br>3°30'54<br>20°18'08<br>1°44'24<br>1°44'21               | inferior conj minimum elong min. Earth dist. morning rise direct morning max el asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node | -773 Apr 27 j 13:35 -773 May 04 j 10:28 -773 May 04 j 05:15 -773 May 04 j 03:49 -773 May 13 j 10:55 -773 May 16 j 09:14 -773 May 28 j 13:19 -773 Jun 13 j 20:44 -773 Jun 14 j 08:30 -773 Jun 25 j 13:42 -773 Jun 25 j 11:26 -773 Jun 28 j 08:49 -773 Jun 29 j 05:11 -773 Jul 03 j 18:12 -773 Jul 14 j 13:24 -773 Jul 24 j 12:55 -773 Aug 05 j 04:18 | 4°833'24 4°840'44 4°842'44 0°836'11 0°817'12 6°801'11 0°II 0°II 0°II 3°II 3'06 24°II1'17 0°I 1°I1'17 | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33<br>1°34'20               |
| minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist. evening rise desc. node | -774 May 24 j 13:07 -774 May 24 j 06:13 -774 Jun 02 j 04:48 -774 Jun 04 j 20:42 -774 Jun 15 j 08:54 -774 Jun 20 j 04:11 -774 Jun 27 j 11:27 -774 Jul 03 j 20:59 -774 Jul 06 j 18:57 -774 Jul 11 j 13:50 -774 Jul 11 j 12:28 -774 Jul 16 j 15:57 -774 Jul 20 j 15:26 -774 Jul 22 j 02:43 -774 Aug 06 j 15:52                     | 25°804'52 23°856'17 24°806'32 20°800'31 19°843'11 24°834'52 0°II 11°II34'43 24°II01'27 0°9 9°947'19 9°940'25 19°950'12 27°919'20 0°A 25°A31'52 | -3°32'34<br>3°30'54<br>20°18'08<br>1°44'24<br>1°44'21<br>1.36434 AU | inferior conj minimum elong min. Earth dist. morning rise direct morning max el asc. node morning set superior conj minimum elong max. Earth dist. evening rise            | -773 Apr 27 j 13:35 -773 May 04 j 10:28 -773 May 04 j 05:15 -773 May 04 j 03:49 -773 May 13 j 10:55 -773 May 16 j 09:14 -773 May 28 j 13:19 -773 Jun 13 j 20:44 -773 Jun 14 j 08:30 -773 Jun 25 j 13:42 -773 Jun 25 j 11:26 -773 Jun 28 j 08:49 -773 Jun 29 j 05:11 -773 Jul 03 j 18:12 -773 Jul 14 j 13:24 -773 Jul 24 j 12:55                     | 4°833'24 4°840'44 4°842'44 0°836'11 0°817'12 6°801'11 0°11 0°11 0°11 0°11 0°11 0°11 0°11   | 1°53'32<br>0.55067 AU<br>21°43'44<br>1°34'33<br>1°34'20<br>1.34874 AU |

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|------------------------------------|--|--|------------|--|--|------------------------|------------|
| evening set                        | -773 Aug 27 j 19:23                        | 7° m/20'00                               |            | <i>g</i> - | -772 Jun 19 j 02:30                        | 0ಂಣ                    |            |
| min. Earth dist.                   | -773 Aug 31 j 17:48                        | 3° Mp 21'26                              | 0.65593 AU |  | -772 Jul 07 j 01:37                        | $0^{\circ}\Omega$      |            |
| inferior conj                      | -773 Sep 02 j 14:03                        | 1° Mp 12'08                              | -2°30'07   | desc. node   | -772 Jul 10 j 09:56                        | 4° <b>Ω</b> 35'40      |            |
| minimum elong                      | -773 Sep 02 j 17:43                        | 1° Mp 01'24                              | 2°28'48    | evening max el   | -772 Jul 20 j 09:32                        | 16° <b>Ω</b> 05'34     | 27°21'49   |
|                                    | -773 Sep 03 j 14:58                        | $30^{\circ}$ R $\Omega$                  |            | retrograde   | -772 Aug 02 j 22:31                        | 23° <b>Ω</b> 25'49     |            |
| morning rise                       | -773 Sep 08 j 16:34                        | 25° <b>Ω</b> 31'44                       |            | evening set  | -772 Aug 10 j 01:25                        | 20° <b>Ω</b> 42′12     |            |
| asc. node                          | -773 Sep 10 j 07:40                        | 24° <b>Ω</b> 54'53                       |            | min. Earth dist.   | -772 Aug 13 j 17:54                        | 17° <b>Ω</b> 19'03     | 0.64219 AU |
| direct                             | -773 Sep 11 j 13:19                        | 24° <b>Ω</b> 46′25                       |            | inferior conj  | -772 Aug 16 j 03:19                        | 14° <b>Ω</b> 46'14     |            |
| morning max el                     | -773 Sep 18 j 03:46                        | 28° <b>Ω</b> 23'11                       | 18°22'27   | minimum elong  | -772 Aug 16 j 07:48                        | 14° <b>Ω</b> 34'16     | 3°19'27    |
|                                    | -773 Sep 19 j 15:23                        | 0°Щ                                      |            | morning rise   | -772 Aug 22 j 15:02                        | 9° <b>Ω</b> 21'32      |            |
| morning set                        | -773 Oct 07 j 11:31                        | 27° m 09'33                              |            | direct   | -772 Aug 25 j 06:29                        | 8° <b>Ω</b> 45'54      |            |
|                                    | -773 Oct 09 j 05:27                        | 0∘ <b>⊽</b>                              |            | asc. node  | -772 Aug 27 j 04:43                        | 9° <b>Ω</b> 05'00      |            |
| desc. node                         | -773 Oct 20 j 12:12                        | 18° <b>≏</b> 05'29                       |            | morning max el   | -772 Aug 31 j 18:56                        | 12° <b>Ω</b> 13'00     | 17°59'17   |
|                                    | 772 0 4 20 114 10                          | 210 0 22150                              | 0012125    |  | -772 Sep 12 j 23:59                        | 0° <b>m</b>            |            |
| superior conj                      | -773 Oct 22 j 14:10                        | 21° <b>Ω</b> 22'58                       |            | morning set  | -772 Sep 18 j 02:24                        | 8° Mp 40'48            |            |
| minimum elong                      | -773 Oct 22 j 12:23<br>-773 Oct 22 j 05:53 | 21° <b>£</b> 15'56<br>20° <b>£</b> 50'16 | 0°13′20    |  | -772 Sep 30 j 20:51                        | 0₀ <b>⊽</b>            |            |
| behind sun begin<br>behind sun end | -773 Oct 22 j 05:53                        | 20° <b>£</b> 30°16<br>21° <b>£</b> 41'35 |            | aumorior coni  | 772 Oct. 01 : 04:04                        | 0° <b>ჲ</b> 29'19      | 0022152    |
| max. Earth dist.                   | -773 Oct 22 j 18.33                        | 21 <b>≗</b> 41 33<br>24° <b>£</b> 26'04  | 1.44962 AU | superior conj<br>minimum elong   | -772 Oct 01 j 04:04<br>-772 Oct 01 j 07:45 | 0° <b>£</b> 2919       | 0°33'22    |
| max. Earm dist.                    | -773 Oct 28 j 01:40                        | 24 <b>=</b> 20 04<br>0° <b>M</b>         | 1.44902 AU | desc. node   | -772 Oct 01 j 07:43                        | 8° <b>£</b> 51'52      | 0 33 22    |
| evening rise                       | -773 Nov 07 j 23:14                        | 17°M05'07                                |            | max. Earth dist.   | -772 Oct 06 j 06:32                        | 8° <b>⊆</b> 41'09      | 1.44380 AU |
| evening rise                       | -773 Nov 16 j 05:08                        | 0° <b>√</b>                              |            | evening rise   | -772 Oct 17 j 10:35                        | 26° <b>⊆</b> 08'59     | 1.44300 AC |
| greatest brilliancy                | -773 Nov 18 j 15:52                        | 3° <b>∡</b> ¹47'24                       | -0.8m      | evening rise   | -772 Oct 17 j 10:33                        | 0° <b>M</b>            |            |
| evening max el                     | -773 Dec 01 j 09:20                        | 21° <b>×</b> 15'35                       | 19°20'30   |  | -772 Nov 09 j 11:47                        | 0° <b>⊼</b>            |            |
| asc. node                          | -773 Dec 07 j 06:54                        | 25° <b>₹</b> 13'28                       | 19 2000    | evening max el   | -772 Nov 13 j 13:25                        | 4° <b>х</b> 43′38      | 20°17'27   |
| retrograde                         | -773 Dec 08 j 12:27                        | 25° <b>₹</b> 21'58                       |            | retrograde   | -772 Nov 21 j 09:56                        | 9° <b>х</b> 20'48      |            |
| evening set                        | -773 Dec 11 j 21:17                        | 24° <b>₹</b> 15'46                       |            | asc. node  | -772 Nov 23 j 03:56                        | 9° <b>∡</b> 03'18      |            |
| inferior conj                      | -773 Dec 17 j 11:31                        | 18° <b>∡</b> °22'52                      | 3°00'23    | evening set  | -772 Nov 25 j 03:25                        | 8° <b>≯</b> 00'10      |            |
| minimum elong                      | -773 Dec 17 j 08:39                        | 18° <b>∡</b> ³32′03                      | 2°59'39    | inferior conj  | -772 Nov 30 j 14:01                        | 1° <b>∡</b> 754'50     | 2°21'11    |
| min. Earth dist.                   | -773 Dec 18 j 18:30                        | 16° <b>∡</b> ¹43'18                      | 0.66090 AU | minimum elong  | -772 Nov 30 j 11:20                        | 2° <b>∡</b> 103'51     | 2°20'17    |
| morning rise                       | -773 Dec 22 j 19:45                        | 12° <b>∡</b> 11'39                       |            | min. Earth dist.   | -772 Dec 01 j 08:00                        | 0° <b>∡</b> 54'17      | 0.66951 AU |
| direct                             | -773 Dec 29 j 03:06                        | 9° <b>∡</b> 124'53                       |            |  | -772 Dec 02 j 00:19                        | 30°RM                  |            |
| morning max el                     | -772 Jan 10 j 16:37                        | 16° <b>≯</b> 50′06                       | 26°07'49   | morning rise   | -772 Dec 05 j 19:04                        | 25°M41'32              |            |
| desc. node                         | -772 Jan 16 j 11:23                        | 23° <b>х</b> 17′36                       |            | direct   | -772 Dec 11 j 12:12                        | 23°M10'15              |            |
|                                    | -772 Jan 21 j 16:36                        | 0°ප                                      |            | morning max el   | -772 Dec 23 j 01:01                        | 0° <b>∡</b> 02'26      | 24°48'46   |
|                                    | -772 Feb 10 j 01:46                        | 0° <b>≈</b>                              |            |  | -772 Dec 23 j 00:03                        | 0°⊀                    |            |
| morning set                        | -772 Feb 15 j 21:25                        | 10° <b>≈</b> 28′00                       |            | desc. node   | -771 Jan 02 j 08:25                        | 12° <b>∡</b> 19'11     |            |
| max. Earth dist.                   | -772 Feb 19 j 20:58                        | 18° <b>≈</b> 02'09                       | 1.35393 AU |  | -771 Jan 14 j 14:28                        | 0°₹                    |            |
|                                    |  | •  |            | morning set  | -771 Jan 28 j 04:06                        | 22° <b>る</b> 27'19     |            |
| superior conj                      | -772 Feb 24 j 22:04                        | 28°≈04'46                                |            | max. Earth dist.   | -771 Jan 31 j 20:04                        | 29° <b>る</b> 04'15     | 1.37218 AU |
| minimum elong                      | -772 Feb 25 j 01:31                        | 28°≈22'19                                | 1°17′58    |  | -771 Feb 01 j 08:10                        | 0° <b>≈</b>            |            |
|                                    | -772 Feb 25 j 20:40                        | 0° <del>)(</del>                         |            |  | 771 F 1 07:00 47                           | 11027121               | 1020157    |
| evening rise                       | -772 Mar 03 j 17:20                        | 14° <b>)</b> 09'38<br>15° <b>)</b> 15'35 |            | superior conj<br>minimum elong   | -771 Feb 07 j 08:47                        | 11°≈27'21<br>11°≈45'22 | 1°39'34    |
| asc. node                          | -772 Mar 04 j 06:14<br>-772 Mar 11 j 22:56 | 13 <b>π</b> 13 33                        |            | evening rise   | -771 Feb 07 j 12:28<br>-771 Feb 15 j 19:22 | 11 ≈43 22<br>28°≈16'10 | 1 39 34    |
| evening max el                     | -772 Mar 22 j 04:00                        | 13° <b>Υ</b> 58'08                       | 20°26'23   | evening rise   | -771 Feb 16 j 16:13                        | 0° <b>H</b>            |            |
| retrograde                         | -772 Mar 22 j 04:00<br>-772 Apr 01 j 23:59 | 19° <b>Υ</b> 09'51                       | 20 20 23   | asc. node  | -771 Feb 19 j 03:16                        | 4° <b>)</b> 49'46      |            |
| evening set                        | -772 Apr 04 j 03:48                        | 18° <b>Υ</b> 58'21                       |            | evening max el   | -771 Mar 04 j 19:40                        | 25° <b>)</b> (46'25    | 19°22'05   |
| inferior conj                      | -772 Apr 13 j 05:49                        | 15°Υ00'43                                | 0°03'23    | overmig man er   | -771 Mar 12 j 04:51                        | 0°Υ                    | 19 22 00   |
| minimum elong                      | -772 Apr 13 j 05:59                        | 15° <b>Υ</b> 00'29                       | 0°03'20    | retrograde   | -771 Mar 13 j 23:08                        | 0° <b>Υ</b> 09'29      |            |
| transit middle                     | -772 Apr 13 j 05:59                        | 15° <b>Υ</b> 00'29                       | 0°03'20    |  | -771 Mar 15 j 18:18                        | 30° <b>₹</b>           |            |
| transit begin                      | -772 Apr 13 j 02:01                        | 15° <b>Y</b> '06'16                      |            | evening set  | -771 Mar 16 j 04:18                        | 29° <b>)</b> 55′11     |            |
| transit end                        | -772 Apr 13 j 09:56                        | 14° <b>Ƴ</b> 54'42                       |            | inferior conj  | -771 Mar 24 j 13:10                        | 25° <b>)</b> 47′29     | 1°49'56    |
| desc. node                         | -772 Apr 13 j 10:35                        | 14° <b>Y</b> 53'46                       |            | minimum elong  | -771 Mar 24 j 17:11                        | 25° <b>)</b> 40′51     | 1°48'43    |
| min. Earth dist.                   | -772 Apr 14 j 17:35                        | 14° <b>Ƴ</b> 08'33                       | 0.55243 AU | min. Earth dist.   | -771 Mar 27 j 08:17                        | 23° <b>ℋ</b> 57'38     | 0.56320 AU |
| morning rise                       | -772 Apr 22 j 06:43                        | 10° <b>Ƴ</b> 43'33                       |            | desc. node   | -771 Mar 31 j 07:35                        | 21° <b>)</b> 43′46     |            |
| direct                             | -772 Apr 25 j 21:31                        | 10° <b>Y</b> 15'06                       |            | morning rise   | -771 Apr 02 j 03:18                        | 20° <b>)</b> 59′03     |            |
| morning max el                     | -772 May 09 j 08:22                        | 16° <b>Y</b> 49'39                       | 23°21'57   | direct   | -771 Apr 06 j 19:50                        | 20° <b>₩</b> 08'51     |            |
|                                    | -772 May 19 j 21:10                        | 0°8                                      |            | morning max el   | -771 Apr 20 j 23:04                        | 27° <b>)</b> 20′17     | 25°01'26   |
| asc. node                          | -772 May 31 j 05:32                        | 20° <b>8</b> 40'30                       |            |  | -771 Apr 23 j 13:12                        | $0^{\circ}\Upsilon$    |            |
| morning set                        | -772 Jun 01 j 17:14                        | 23° <b>8</b> 46'01                       |            |  | -771 May 12 j 22:12                        | 0° <b>8</b>            |            |
|                                    | -772 Jun 04 j 15:38                        | $\Pi$ $^{\circ}0$                        |            | morning set  | -771 May 17 j 05:15                        | 8° <b>8</b> 45'42      |            |
|                                    |  | <b>-</b> .                               |            | asc. node  | -771 May 18 j 02:35                        | 10° <b>8</b> 38'31     |            |
| superior conj                      | -772 Jun 08 j 19:37                        |  | 1°19'32    |  | 771 ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )      | 2201 152-0-            | 1000121    |
| minimum elong                      | -772 Jun 08 j 17:05                        | 8° <b>Ⅱ</b> 43'53                        | 1°19'11    | superior conj  | -771 May 24 j 05:18                        | 23° <b>8</b> 53'07     | 1°00'31    |
| max. Earth dist.                   | -772 Jun 11 j 04:18                        |  | 1.33696 AU | minimum elong  | -771 May 24 j 03:01                        | 23° <b>8</b> 40'42     | 1°00'07    |
| evening rise                       | -772 Jun 16 j 09:37                        | 24° <b>∏</b> 42'45                       |            | max. Earth dist.   | -771 May 25 j 11:35                        | 26° <b>8</b> 37'40     | 1.32898 AU |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 70 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom          | nical year style is used: Tl               | -                                 | astronomical co    | 0 , ,                          |  | 0 ,  |                    |
|------------------------------|--|-----------------------------------|--------------------|--------------------------------|--|--|--------------------|
|                              | -771 May 27 j 01:06                        | $\Pi$ °0                          |                    | evening rise                   | -770 May 15 j 16:17                        | 23° <b>8</b> 55'38                                 |                    |
| evening rise                 | -771 May 31 j 09:58                        | 9°Ⅱ10′50                          |                    |                                | -770 May 18 j 15:33                        | $\Pi^{\circ}0$                                     |                    |
|                              | -771 Jun 11 j 11:18                        | $0$ $\circ$ $\odot$               |                    |                                | -770 Jun 05 j 09:55                        | $0$ $\circ$ $\odot$                                |                    |
| desc. node                   | -771 Jun 27 j 06:56                        | 23° <b>©</b> 03'07                |                    | desc. node                     | -770 Jun 14 j 03:56                        | 10° <b>©</b> 22'13                                 |                    |
| evening max el               | -771 Jul 02 j 18:27                        | 28° <b>©</b> 56'06                | 27°21'08           | evening max el                 | -770 Jun 14 j 22:04                        | 11° <b>©</b> 06'15                                 | 26°47'27           |
|                              | -771 Jul 03 j 22:08                        | $0$ $^{\circ}\Omega$              |                    | retrograde                     | -770 Jun 28 j 21:27                        | 18° <b>©</b> 22'47                                 |                    |
| retrograde                   | -771 Jul 16 j 13:37                        | 6° <b>Ω</b> 14'45                 |                    | evening set                    | -770 Jul 05 j 16:39                        | 16° <b>©</b> 22'12                                 |                    |
| evening set                  | -771 Jul 23 j 17:59                        | 3° <b>Ω</b> 45'52                 |                    | min. Earth dist.               | -770 Jul 09 j 11:36                        |  | 0.60518 AU         |
| min. Earth dist.             | -771 Jul 27 j 07:53                        |                                   | 0.62500 AU         | inferior conj                  | -770 Jul 12 j 18:48                        | 10° <b>©</b> 58'32                                 |                    |
|                              | -771 Jul 28 j 05:57                        | 30° <b>₹</b> 5                    |                    | minimum elong                  | -770 Jul 12 j 21:25                        | 10°953'05  | 4°32'43            |
| inferior conj                | -771 Jul 30 j 06:04                        | 28°904'53                         |                    | morning rise                   | -770 Jul 20 j 04:01                        | 6°514'53   |                    |
| minimum elong                | -771 Jul 30 j 10:25                        | 27°554'30                         | 4°02'51            | direct                         | -770 Jul 22 j 15:50                        | 5°950'59   | 10000105           |
| morning rise                 | -771 Aug 06 j 04:07                        | 22°559'20                         |                    | morning max el                 | -770 Jul 29 j 22:28                        | 9°524'30   | 18°08'07           |
| direct                       | -771 Aug 08 j 16:42                        | 22°530'34                         |                    | asc. node                      | -770 Jul 31 j 22:51                        | 11°935'00  |                    |
| asc. node                    | -771 Aug 14 j 01:46                        | 24°543'30                         | 15054111           |                                | -770 Aug 12 j 09:07                        | 0° <b>Ω</b>  |                    |
| morning max el               | -771 Aug 15 j 10:10                        | 25°956'06                         | 17°54'11           | morning set                    | -770 Aug 14 j 20:41                        | 4° <b>Ω</b> 37'32                                  |                    |
| . ,                          | -771 Aug 18 j 21:00                        | 0°N                               |                    |                                | 770 4 24:15.00                             | 220 027152   | 1024110            |
| morning set                  | -771 Aug 31 j 15:24                        | 21° <b>Ω</b> 15'49                |                    | superior conj                  | -770 Aug 24 j 15:00                        | 22° <b>Ω</b> 37'52<br>22° <b>Ω</b> 54'22           | 1°34'19<br>1°34'02 |
|                              | -771 Sep 05 j 13:13                        | 0° <b>m</b> p                     |                    | minimum elong                  | -770 Aug 24 j 18:42                        |  | 1-34-02            |
|                              | 771 9 11:20:17                             | 100 m 5 4110                      | 1010146            | Fauth diet                     | -770 Aug 28 j 19:25                        | 0°M)   | 1 41404 ATT        |
| superior conj                | -771 Sep 11 j 20:17                        | 10° Mp 54'19                      | 1°10'46            | max. Earth dist.               | -770 Sep 01 j 05:54                        | 5° Mp 52'08  | 1.41424 AU         |
| minimum elong                | -771 Sep 12 j 01:25                        | 11° Mp 16'08                      | 1°10'11            | evening rise                   | -770 Sep 06 j 14:23                        | 14° Mp 41'46<br>20° Mp 20'22                       |                    |
| max. Earth dist.             | -771 Sep 18 j 21:06                        | 22° Mp 35'47                      | 1.43148 AU         | desc. node                     | -770 Sep 10 j 03:19                        | ე° <b>ი</b><br>ე° <b>ი</b>                         |                    |
| desc. node                   | -771 Sep 23 j 06:17                        | 29° <b>™</b> 38'08<br>0° <b>₽</b> |                    |                                | -770 Sep 16 j 09:51                        | 0° <b>M</b>  |                    |
| avanina riaa                 | -771 Sep 23 j 11:48                        |                                   |                    | avanina may al                 | -770 Oct 08 j 14:02                        |  | 22944125           |
| evening rise                 | -771 Sep 26 j 17:41                        | 5° <b>Ω</b> 06'01                 |                    | evening max el                 | -770 Oct 10 j 04:21                        | 1°M40'35   | 22-44-25           |
| avaning may al               | -771 Oct 13 j 08:18                        | 0° <b>ጤ</b><br>18° <b>ጤ</b> 11'55 | 21926145           | retrograde                     | -770 Oct 20 j 01:51                        | 7°M33'22<br>5°M38'20                               |                    |
| evening max el               | -771 Oct 27 j 11:42                        |                                   | 21 20 43           | evening set asc. node          | -770 Oct 24 j 18:36                        | 2°M15'55   |                    |
| retrograde                   | -771 Nov 05 j 06:56                        | 23°M25'43<br>21°M48'35            |                    | asc. node                      | -770 Oct 27 j 22:02                        | 2 IIC13 33<br>30°R <b>Ω</b>                        |                    |
| evening set                  | -771 Nov 09 j 11:06                        | 21°IL48'33                        |                    | inforior coni                  | -770 Oct 29 j 14:42                        | 30° <b>№</b> 18'23                                 | 0945100            |
| asc. node inferior conj      | -771 Nov 10 j 00:58<br>-771 Nov 14 j 19:44 | 15°M34'08                         | 1°35'33            | inferior conj<br>minimum elong | -770 Oct 30 j 02:45<br>-770 Oct 30 j 01:43 | 29° <b>£</b> 21'58                                 |                    |
| minimum elong                | -771 Nov 14 j 17:42                        | 15°M41'08                         | 1°33'33<br>1°34'44 | min. Earth dist.               | -770 Oct 30 j 01:43                        |  | 0.67619 AU         |
| min. Earth dist.             | v  | 15°M11'58                         | 0.67453 AU         | morning rise                   | -770 Nov 04 j 08:44                        | 29 <b>⊆</b> 32 43<br>23° <b>⊆</b> 07'08            | 0.07019 AU         |
|                              | -771 Nov 15 j 02:10                        | 9°M20'44                          | 0.07433 AU         | direct                         | ·  | 23 <b>≗</b> 07 08<br>21° <b>≗</b> 19'18            |                    |
| morning rise<br>direct       | -771 Nov 20 j 00:10<br>-771 Nov 25 j 01:57 | 7°M10'24                          |                    | morning max el                 | -770 Nov 08 j 19:40<br>-770 Nov 17 j 23:01 | 21 <b>2</b> 1918<br>26° <b>2</b> 42'55             | 21055152           |
| morning max el               | -771 Dec 05 j 10:06                        | 13°M19'34                         | 23°21'44           | morning max er                 | -770 Nov 17 j 23:01<br>-770 Nov 20 j 23:11 | 20 <b>=</b> 42 33<br>0° <b>M</b>                   | 21 33 32           |
| morning max er               | -771 Dec 18 j 20:28                        | 0° <b>√</b>                       | 23 21 44           | desc. node                     | -770 Nov 20 j 23.11<br>-770 Dec 07 j 02:34 | 21°M58'06  |                    |
| desc. node                   | -771 Dec 18 j 20.28                        | 1° <b>∡</b> 56'04                 |                    | desc. node                     | -770 Dec 07 j 02.34<br>-770 Dec 12 j 10:47 | 0° <b>⊼</b>  |                    |
| desc. Hode                   | -770 Jan 07 j 12:10                        | 0°る                               |                    | morning set                    | -770 Dec 12 j 10:47<br>-770 Dec 20 j 10:51 | 12° <b>∡</b> 30′50                                 |                    |
| morning set                  | -770 Jan 07 j 12.10                        | 3°る10'53                          |                    | max. Earth dist.               | -770 Dec 26 j 14:16                        | 12 <b>x</b> 30 30 22° <b>x</b> 33 03               | 1.41370 AU         |
| max. Earth dist.             | -770 Jan 13 j 15:29                        |                                   | 1.39300 AU         | max. Earth dist.               | -770 Dec 20 j 14:10<br>-770 Dec 30 j 23:48 | 22 <b>メ</b> 33 03                                  | 1.41570 AU         |
| max. Earth dist.             | -//0 Jan 13 j 13.29                        | 10 023 13                         | 1.39300 AU         |                                | -//0 Dec 30 J 23.46                        | 0.0  |                    |
| superior conj                | -770 Jan 21 j 05:24                        | 24° <b>පි</b> 04'39               | 1055115            | superior conj                  | -769 Jan 03 j 06:48                        | 5° <b>⋜</b> 44'01                                  | 2000/40            |
| minimum elong                | -770 Jan 21 j 08:02                        | 24° හි16'54                       |                    | minimum elong                  | -769 Jan 03 j 06:28                        | 5°る42'33   |                    |
| minimum ciong                | -770 Jan 24 j 08:58                        | 0°≈                               | 1 33 07            | evening rise                   | -769 Jan 13 j 20:06                        | 24°පි55'05   | 2 00 41            |
| evening rise                 | -770 Jan 30 j 13:23                        | 0 ∞<br>11°≈53'53                  |                    | evening rise                   | -769 Jan 16 j 14:10                        | 0°≈  |                    |
| asc. node                    | -770 Feb 06 j 00:18                        | 24°≈01'15                         |                    | asc. node                      | -769 Jan 23 j 21:21                        | 0 ∞<br>12°≈42'41                                   |                    |
| 450. HOUC                    | -770 Feb 00 j 00:18                        | 0° <b>\</b>                       |                    | evening max el                 | -769 Jan 30 j 04:51                        | 12 ≈42 41<br>20°≈59'39                             | 18°13'06           |
| avaning may al               | -770 Feb 15 j 20:52                        | 8° <b>∺</b> 09'18                 | 18037130           | retrograde                     | -769 Feb 06 j 04:01                        | 24°≈29'42  | 10 13 00           |
| evening max el<br>retrograde | -770 Feb 13 j 20.32<br>-770 Feb 23 j 16:30 | 11° <b>H</b> 57'58                | 10 3/32            | evening set                    | -769 Feb 08 j 18:18                        | 24 ≈29 42<br>24°≈01'22                             |                    |
| evening set                  | -770 Feb 26 j 02:15                        | 11° <b>X</b> 37'36                |                    | inferior conj                  | -769 Feb 15 j 16:27                        | 19°≈14'16  | 3°42'13            |
| inferior conj                | -770 Mar 05 j 16:28                        | 7° <b>∺</b> 11′22                 | 3°03'33            | minimum elong                  | -769 Feb 15 j 18:32                        |  | 3°41'59            |
| minimum elong                | -770 Mar 05 j 20:36                        | 7° <b>∺</b> 03'23                 |                    | min. Earth dist.               | -769 Feb 13 j 18.32<br>-769 Feb 19 j 00:25 |  | 0.60111 AU         |
| min. Earth dist.             | -770 Mar 09 j 01:39                        |                                   | 0.58056 AU         | morning rise                   | -769 Feb 22 j 16:47                        | 10 ≈10 32<br>13°≈33'18                             | 0.00111 AC         |
| morning rise                 | -770 Mar 13 j 12:15                        | 4 ★3639<br>1°¥52'20               | 0.50050 AU         | direct                         | -769 Mar 01 j 07:42                        | 13 ≈33 18<br>11°≈30'39                             |                    |
| desc. node                   | -770 Mar 18 j 04:38                        | 0° <b>)</b> 31′09                 |                    | desc. node                     | -769 Mar 05 j 01:41                        | 11 ≈3037<br>12°≈07'44                              |                    |
| direct                       | -770 Mar 19 j 07:31                        | 0° <b>\</b> 3109                  |                    | morning max el                 | -769 Mar 15 j 14:02                        | 12 ≈07 44<br>19°≈16'36                             | 27°24'25           |
| morning max el               | -770 Mar 19 J 07.31<br>-770 Apr 02 j 15:41 | 8° <b>∺</b> 01'44                 | 26°26'54           | morning max ci                 | -769 Mar 24 j 16:43                        | 0° <b>X</b>  | 2, 272J            |
| morning max ci               | -770 Apr 02 j 13:41<br>-770 Apr 19 j 03:11 | 0°Υ                               | 20 20 37           |                                | -769 Apr 11 j 19:34                        | 0° <b>Υ</b>  |                    |
| morning set                  | -770 May 01 j 16:18                        | 0 γ<br>23° <b>Υ</b> 41'57         |                    | morning set                    | -769 Apr 16 j 00:38                        | 8° <b>Υ</b> 28'36                                  |                    |
| asc. node                    | -770 May 04 j 23:37                        | 0° <b>8</b> 45'27                 |                    | asc. node                      | -769 Apr 21 j 20:41                        | 20°Υ56'56  |                    |
| asc. Hour                    | -770 May 04 j 25:37                        | 0° <b>8</b>                       |                    | max. Earth dist.               | -769 Apr 21 j 20:41<br>-769 Apr 22 j 12:22 | $20^{\circ}$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1.32392 AU         |
|                              | -110 way 04 J 13.13                        | υ <b>Ο</b>                        |                    | max. Darui uist.               | -109 Apr 22 J 12.22                        | 22 1 22 39   | 1.34374 AU         |
| superior conj                | -770 May 08 j 16:48                        | 8° <b>8</b> 52'48                 | 0°38'23            | superior conj                  | -769 Apr 23 j 04:27                        | 23° <b>Y</b> 50'42                                 | 0°13'58            |
| minimum elong                | -770 May 08 j 15:11                        | 8° <b>8</b> 43'58                 |                    | minimum elong                  | -769 Apr 23 j 03:49                        | 23° <b>Y</b> 47'14                                 |                    |
| max. Earth dist.             | -770 May 08 j 13.11                        |                                   | 1.32464 AU         | behind sun begin               | -769 Apr 23 j 01:23                        | 23° <b>Y</b> 33'53                                 | 0 10 01            |
| max. Larm dist.              | 110 141ay 00 J 23.32                       | J 02940                           | 1.52 TOT AU        | ocimia sun ocgili              | 107 11pt 23 J 01.23                        | 40 10000   |                    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 71 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom                     | nical year style is used: Tl | ne year -900 in                              | astronomical cou | nting style is the year 9 | 901 BCE in historical cou | nting style.                    | 5- / -       |
|---|------------------------------|--|------------------|---------------------------|---------------------------|---------------------------------|--------------|
| behind sun end                          | -769 Apr 23 j 06:15          | 24° <b>Υ</b> 00'36                           |                  | superior conj             | -768 Apr 06 j 14:30       | 8° <b>Y</b> '40'02              | -0°11'59     |
|   | -769 Apr 25 j 23:53          | $8^{\circ}$ 0                                |                  | minimum elong             | -768 Apr 06 j 15:03       | 8° <b>Y</b> 43'04               | 0°11'51      |
| evening rise                            | -769 Apr 30 j 02:17          | 8° <b>8</b> 49'29                            |                  | behind sun begin          | -768 Apr 06 j 11:37       | 8° <b>Y</b> 24'24               |              |
|   | -769 May 11 j 02:29          | $\Pi^{\circ}0$                               |                  | behind sun end            | -768 Apr 06 j 18:30       | 9° <b>Y</b> 01'45               |              |
| evening max el                          | -769 May 27 j 18:56          | 22° <b>Ⅲ</b> 31'33                           | 25°42'54         | asc. node                 | -768 Apr 07 j 17:44       | 11° <b>Y</b> ′08′05             |              |
| desc. node                              | -769 Jun 01 j 00:56          | 26° <b>Ⅱ</b> 04'57                           |                  | evening rise              | -768 Apr 13 j 13:56       | 23° <b>Y</b> '44'38             |              |
| retrograde                              | -769 Jun 10 j 20:25          | 29° <b>Ⅱ</b> 44′03                           |                  |                           | -768 Apr 16 j 14:25       | 0° <b>႘</b>                     |              |
| evening set                             | -769 Jun 16 j 17:23          | 28° <b>Ⅲ</b> 21'42                           |                  |                           | -768 May 05 j 06:21       | $\Pi$ $^{\circ}0$               |              |
| min. Earth dist.                        | -769 Jun 21 j 07:15          | 25° <b>Ⅲ</b> 39'52                           | 0.58466 AU       | evening max el            | -768 May 08 j 10:38       | 3° <b>Ⅱ</b> 20′32               | 24°16'09     |
| inferior conj                           | -769 Jun 24 j 13:56          | 23° <b>II</b> 18'00                          | -4°39'00         | desc. node                | -768 May 17 j 21:57       | 9° <b>Ⅱ</b> 35'33               |              |
| minimum elong                           | -769 Jun 24 j 12:51          | 23° <b>II</b> 20'00                          | 4°38'56          | retrograde                | -768 May 22 j 07:53       | 10° <b>Ⅱ</b> 20′03              |              |
| morning rise                            | -769 Jul 02 j 10:53          | 18° <b>Ⅱ</b> 56'39                           |                  | evening set               | -768 May 26 j 20:01       | 9°Ⅱ34'44                        |              |
| direct                                  | -769 Jul 04 j 23:22          | 18° <b>Ⅲ</b> 36′17                           |                  | min. Earth dist.          | -768 Jun 01 j 22:06       | 6° <b>Ⅱ</b> 34'28               | 0.56646 AU   |
| morning max el                          | -769 Jul 13 j 04:49          | 22° <b>Ⅲ</b> 29'31                           | 18°42'10         | inferior conj             | -768 Jun 04 j 13:02       | 4° <b>∏</b> 55'25               | -4°09'35     |
| asc. node                               | -769 Jul 18 j 19:56          | 29° <b>Ⅲ</b> 24'28                           |                  | minimum elong             | -768 Jun 04 j 07:33       | 5° <b>Ⅱ</b> 04'06               | 4°08'39      |
|   | -769 Jul 19 j 05:23          | $0$ $\circ$ $\odot$                          |                  | morning rise              | -768 Jun 12 j 21:58       | 0° <b>П</b> 52'33               |              |
| morning set                             | -769 Jul 29 j 13:40          | 18° <b>5</b> 34'07                           |                  | direct                    | -768 Jun 15 j 12:13       | 0° <b>Ⅱ</b> 34'31               |              |
|   | -769 Aug 04 j 10:47          | $0^{\circ}\Omega$                            |                  | morning max el            | -768 Jun 25 j 02:17       | 5° <b>Ⅱ</b> 01′23               | 19°37'09     |
|   |                              |  |                  | asc. node                 | -768 Jul 04 j 17:00       | 17° <b>Ⅱ</b> 58'34              |              |
| superior conj                           | -769 Aug 07 j 07:07          | 5° <b>Ω</b> 25'35                            | 1°45'41          |                           | -768 Jul 11 j 03:26       | $0$ $\circ$ $\mathfrak{S}$      |              |
| minimum elong                           | -769 Aug 07 j 08:33          | 5° <b>Ω</b> 32'17                            | 1°45'39          | morning set               | -768 Jul 12 j 14:54       | 2°956'52                        |              |
| max. Earth dist.                        | -769 Aug 14 j 09:28          | 18° <b>Ω</b> 23'18                           | 1.39449 AU       | C                         | J                         |                                 |              |
| evening rise                            | -769 Aug 18 j 11:07          | 25° <b>Ω</b> 25'42                           |                  | superior conj             | -768 Jul 20 j 15:02       | 19° <b>©</b> 01'48              | 1°47'10      |
| <i>5</i>                                | -769 Aug 21 j 04:40          | 0° m   |                  | minimum elong             | -768 Jul 20 j 14:30       | 18°959'10                       |              |
| desc. node                              | -769 Aug 28 j 00:20          | 10° m 54'50                                  |                  |                           | -768 Jul 26 j 07:54       | $0^{\circ}\Omega$               |              |
| *************************************** | -769 Sep 10 j 02:46          | 0∘ <b>⊽</b>                                  |                  | max. Earth dist.          | -768 Jul 26 j 12:35       |                                 | 1.37479 AU   |
| evening max el                          | -769 Sep 22 j 17:11          | ° <b>–</b><br>15° <b>≏</b> 11'53             | 24°04'47         | evening rise              | -768 Jul 30 j 08:24       | 7° <b>Ω</b> 20'53               | 1.57 177 110 |
| retrograde                              | -769 Oct 03 j 17:22          | 21° <b>⊆</b> 40'14                           | 24 0447          | evening rise              | -768 Aug 13 j 01:05       | 0° m)                           |              |
| evening set                             | -769 Oct 09 j 00:11          | 19° <b>£</b> 27'06                           |                  | desc. node                | -768 Aug 13 j 21:20       | יעיי<br>1°17'01 מו°1            |              |
| inferior conj                           | -769 Oct 14 j 09:18          | 13° <b>⊆</b> 05'35                           | -0°08'29         | evening max el            | -768 Sep 04 j 04:41       | 28° Mp 47'37                    | 25°20'42     |
| minimum elong                           | -769 Oct 14 j 09:30          | 13° <b>⊆</b> 03'53                           |                  | evening max er            | -768 Sep 05 j 11:08       | ე∘ <u>ი</u>                     | 23 20 42     |
| transit middle                          | -769 Oct 14 j 09:30          | 13° <b>⊆</b> 04'54                           |                  | retrograde                | -768 Sep 16 j 04:31       | 0 <b>=</b><br>5° <b>Ω</b> 42'46 |              |
| transit begin                           | -769 Oct 14 j 07:10          | 13° <b>⊆</b> 04'34                           | 0 08 24          | evening set               | -768 Sep 22 j 02:05       | 3° <b>£</b> 13'09               |              |
| transit end                             | -769 Oct 14 j 11:50          | 13 <b>—</b> 12 <b>4</b> ) 12° <b>—</b> 57'00 |                  | evening set               | -768 Sep 25 j 03:22       | 30°RM)                          |              |
|   | ,                            | 12 <b>≗</b> 37 00<br>13° <b>£</b> 54'28      | 0.67474 AU       | min Forth dist            | -768 Sep 26 j 12:28       |                                 | 0.67016 AU   |
| min. Earth dist.                        | -769 Oct 13 j 18:52          |  | 0.6/4/4 AU       | min. Earth dist.          |                           | -                               |              |
| asc. node                               | -769 Oct 14 j 19:07          | 12° <b>Ω</b> 32'24                           |                  | inferior conj             | -768 Sep 27 j 13:38       | 26° m 54'05                     |              |
| morning rise                            | -769 Oct 19 j 18:49          | 6° <b>£</b> 59'02                            |                  | minimum elong             | -768 Sep 27 j 15:13       | 26° Mp 48'56                    | 1-03-06      |
| direct                                  | -769 Oct 23 j 16:20          | 5° <b>£</b> 32'34                            | 20020100         | asc. node                 | -768 Sep 30 j 16:11       | 23° Mp 07'22                    |              |
| morning max el                          | -769 Oct 31 j 18:28          | 10° <b>£</b> 14'44                           | 20°38'09         | morning rise              | -768 Oct 03 j 04:29       | 20° m 55'11                     |              |
|   | -769 Nov 15 j 18:46          | 0°M  |                  | direct                    | -768 Oct 06 j 14:39       | 19° Mp 47'20                    | 10022115     |
| desc. node                              | -769 Nov 23 j 23:37          | 12°M17'37                                    |                  | morning max el            | -768 Oct 13 j 21:30       | 23° m 56'27                     | 19°33'15     |
| morning set                             | -769 Nov 29 j 12:05          | 20°M47'17                                    |                  |                           | -768 Oct 18 j 23:32       | 0∘ <b>⊽</b>                     |              |
|   | -769 Dec 05 j 08:45          | 0° <b>∡</b>                                  |                  | morning set               | -768 Nov 07 j 10:53       | 29° <b>Ω</b> 05'20              |              |
| max. Earth dist.                        | -769 Dec 08 j 20:01          | 5° <b>×</b> ¹33'37                           | 1.43150 AU       |                           | -768 Nov 08 j 00:58       | 0° <b>™</b>                     |              |
|   |                              |  |                  | desc. node                | -768 Nov 09 j 20:40       | 2°M49'44                        |              |
| superior conj                           | -769 Dec 15 j 07:30          | 16° <b>∡</b> 12'12                           |                  | max. Earth dist.          | -768 Nov 20 j 09:08       | 19° <b>™</b> 19'50              | 1.44404 AU   |
| minimum elong                           | -769 Dec 15 j 02:35          | 15° <b>₹</b> '51'40                          | 1°51'32          |                           |                           | W                               |              |
|   | -769 Dec 23 j 09:22          | 0°る  |                  | superior conj             | -768 Nov 24 j 05:18       | 25°M26'58                       |              |
| evening rise                            | -769 Dec 27 j 11:22          | 7° <b>る</b> 10'10                            |                  | minimum elong             | -768 Nov 23 j 21:15       | 24°M54'43                       | 1°24'17      |
|   | -768 Jan 10 j 05:16          | 0° <b>≈</b>                                  |                  |                           | -768 Nov 27 j 01:09       | 0° <b>∡</b>                     |              |
| asc. node                               | -768 Jan 10 j 18:24          | 0° <b>≈</b> 43'54                            |                  | evening rise              | -768 Dec 08 j 06:48       | 18° <b>∡</b> 31'36              |              |
| evening max el                          | -768 Jan 13 j 16:32          | 4°≈08'02                                     | 18°08'20         |                           | -768 Dec 15 j 03:05       | 0°る                             |              |
| retrograde                              | -768 Jan 20 j 05:51          | 7° <b>≈</b> 33'40                            |                  | evening max el            | -768 Dec 27 j 05:05       | 17° <b>る</b> 27'32              | 18°22'28     |
| evening set                             | -768 Jan 23 j 00:23          | 6° <b>≈</b> 56'14                            |                  | asc. node                 | -768 Dec 27 j 15:26       | 17° <b>る</b> 53'10              |              |
| inferior conj                           | -768 Jan 29 j 09:52          | 1° <b>≈</b> 48′18                            | 3°52'53          | retrograde                | -767 Jan 02 j 17:39       | 21° <b>る</b> 00'59              |              |
| minimum elong                           | -768 Jan 29 j 09:39          | 1° <b>≈</b> 48'49                            | 3°52'52          | evening set               | -767 Jan 05 j 16:49       | 20° <b>る</b> 13'22              |              |
|   | -768 Jan 31 j 04:08          | 30°Ŗ₹  |                  | inferior conj             | -767 Jan 11 j 16:48       | 14° <b>る</b> 45'55              | 3°43'15      |
| min. Earth dist.                        | -768 Feb 01 j 07:01          | 28° <b>る</b> 52'51                           | 0.62162 AU       | minimum elong             | -767 Jan 11 j 14:57       | 14° <b>る</b> 51'13              | 3°43'02      |
| morning rise                            | -768 Feb 04 j 17:48          | 25° <b>る</b> 53'45                           |                  | min. Earth dist.          | -767 Jan 13 j 23:04       | 12° <b>る</b> 12'03              | 0.63974 AU   |
| direct                                  | -768 Feb 11 j 17:41          | 23° <b>る</b> 20'22                           |                  | morning rise              | -767 Jan 17 j 12:30       | 8° <b>る</b> 42'49               |              |
| desc. node                              | -768 Feb 19 j 22:45          | 26° <b>る</b> 18'21                           |                  | direct                    | -767 Jan 24 j 11:16       | 5° <b>る</b> 53'08               |              |
|   | -768 Feb 24 j 12:34          | 0° <b>≈</b>                                  |                  | desc. node                | -767 Feb 05 j 19:49       | 12° <b>る</b> 27'45              |              |
| morning max el                          | -768 Feb 25 j 18:11          | 1° <b>≈</b> 11'06                            | 27°46'20         | morning max el            | -767 Feb 07 j 02:21       | 13° <b>る</b> 41'34              | 27°31'53     |
|   | -768 Mar 17 j 20:06          | 0° <b>∀</b>                                  |                  |                           | -767 Feb 20 j 07:18       | 0° <b>≈</b>                     |              |
| morning set                             | -768 Mar 30 j 04:08          | 22° <b>)</b> 57′33                           |                  |                           | -767 Mar 10 j 09:13       | 0° <b>)</b> €                   |              |
|   | -768 Apr 02 j 13:35          | $0$ ° $\mathbf{\gamma}$                      |                  | morning set               | -767 Mar 14 j 00:16       | 7° <b>)</b> €00′28              |              |
| max. Earth dist.                        | -768 Apr 04 j 22:10          | 5° <b>Y</b> 01'58                            | 1.32691 AU       | max. Earth dist.          | -767 Mar 19 j 01:10       | 17° <b>¥</b> 15′50              | 1.33395 AU   |
|   |                              |  |                  |                           |                           |                                 |              |

| •                | •                   |                              | `          | · · · · · · · · · · · · · · · · · · · | 01 BCE in historical cou | , ,                 | 50 12      |
|------------------|---------------------|------------------------------|------------|---------------------------------------|--------------------------|---------------------|------------|
| superior conj    | -767 Mar 21 j 21:08 | 23° <b>)(</b> 14'44          |            | superior conj                         | -766 Mar 05 j 22:16      | 7° <b>¥</b> 28'05   | -1°04'26   |
| minimum elong    | -767 Mar 21 j 22:58 | 23° <b>)</b> 24′27           | 0°38'08    | minimum elong                         | -766 Mar 06 j 01:14      | 7° <b>)</b> 43′28   | 1°03'55    |
| C                | -767 Mar 25 j 00:48 | $0^{\circ}\mathbf{\Upsilon}$ |            | asc. node                             | -766 Mar 12 j 11:47      | 21° <b>¥</b> 13'17  |            |
| asc. node        | -767 Mar 25 j 14:45 | 1° <b>Y</b> 14'54            |            | evening rise                          | -766 Mar 13 j 10:54      | 23° <b>¥</b> 13'38  |            |
| evening rise     | -767 Mar 29 j 01:25 | 8° <b>Ƴ</b> 34'47            |            |                                       | -766 Mar 16 j 18:49      | $0^{\circ}$ Y       |            |
|                  | -767 Apr 09 j 08:58 | 0°8                          |            | evening max el                        | -766 Apr 02 j 00:56      | 24° <b>Y</b> '49'09 | 21°11'30   |
| evening max el   | -767 Apr 20 j 02:24 | 13° <b>8</b> 56'44           | 22°41'00   |                                       | -766 Apr 10 j 05:05      | $9^{\circ}$ 8       |            |
| retrograde       | -767 May 03 j 06:15 | 20° <b>8</b> 26'25           |            | retrograde                            | -766 Apr 13 j 20:15      | 0° <b>8</b> 32'09   |            |
| desc. node       | -767 May 04 j 18:59 | 20° <b>8</b> 21'12           |            | evening set                           | -766 Apr 16 j 04:11      | 0° <b>8</b> 19'34   |            |
| evening set      | -767 May 06 j 09:54 | 20° <b>8</b> 04'39           |            |                                       | -766 Apr 17 j 14:34      | 30° <b>₹Ƴ</b>       |            |
| min. Earth dist. | -767 May 14 j 10:59 | 16° <b>8</b> 34'17           | 0.55409 AU | desc. node                            | -766 Apr 21 j 16:00      | 28° <b>Ƴ</b> 24'28  |            |
| inferior conj    | -767 May 15 j 17:34 | 15° <b>8</b> 50'36           | -2°55'46   | inferior conj                         | -766 Apr 25 j 12:19      | 26° <b>Ƴ</b> 20'19  | -1°05'36   |
| minimum elong    | -767 May 15 j 10:41 | 16° <b>8</b> 00'27           | 2°53'48    | minimum elong                         | -766 Apr 25 j 09:13      | 26° <b>Y</b> 24'41  | 1°04'30    |
| morning rise     | -767 May 24 j 13:36 | 11° <b>8</b> 56'18           |            | min. Earth dist.                      | -766 Apr 26 j 00:02      | 26° <b>Ƴ</b> 03'47  | 0.55025 AU |
| direct           | -767 May 27 j 07:40 | 11° <b>8</b> 38'40           |            | morning rise                          | -766 May 04 j 14:21      | 22° <b>Ƴ</b> 17'13  |            |
| morning max el   | -767 Jun 07 j 12:52 | 16° <b>8</b> 51'51           | 20°52'29   | direct                                | -766 May 07 j 18:18      | 21° <b>Y</b> 55'30  |            |
|                  | -767 Jun 17 j 14:01 | $\Pi$ $^{\circ}0$            |            | morning max el                        | -766 May 20 j 12:54      | 28° <b>Ƴ</b> 01'13  | 22°24'33   |
| asc. node        | -767 Jun 21 j 14:02 | 7° <b>Ⅱ</b> 06'09            |            |                                       | -766 May 22 j 12:21      | $9^{\circ}$ 8       |            |
| morning set      | -767 Jun 26 j 21:39 | 17° <b>Ⅲ</b> 37'52           |            | asc. node                             | -766 Jun 08 j 11:04      | 26° <b>8</b> 38'57  |            |
|                  | -767 Jul 02 j 20:43 | $0$ $\circ$ $\mathfrak{S}$   |            |                                       | -766 Jun 10 j 02:40      | $\Pi$ $\circ$ 0     |            |
|                  |                     |                              |            | morning set                           | -766 Jun 11 j 07:52      | 2° <b>Ⅲ</b> 31'11   |            |
| superior conj    | -767 Jul 04 j 10:06 | 3°512'40                     | 1°40'56    |                                       |                          |                     |            |
| minimum elong    | -767 Jul 04 j 08:17 | 3° <b>©</b> 03'18            | 1°40'49    | superior conj                         | -766 Jun 18 j 12:55      | 17° <b>Ⅱ</b> 48′07  | 1°28'44    |
| max. Earth dist. | -767 Jul 08 j 21:16 | 12° <b>©</b> 11'58           | 1.35730 AU | minimum elong                         | -766 Jun 18 j 10:28      | 17° <b>Ⅱ</b> 35′12  | 1°28'28    |
| evening rise     | -767 Jul 13 j 01:51 | 20°©15'30                    |            | max. Earth dist.                      | -766 Jun 21 j 15:01      | 24° <b>Ⅱ</b> 15′26  | 1.34327 AU |
|                  | -767 Jul 18 j 10:52 | $0^{\circ}\Omega$            |            |                                       | -766 Jun 24 j 10:46      | 0ංම                 |            |
| desc. node       | -767 Jul 31 j 18:20 | 21° <b>Ω</b> 20′24           |            | evening rise                          | -766 Jun 26 j 10:33      | 3° <b>9</b> 56'21   |            |
|                  | -767 Aug 06 j 23:55 | O° Mp                        |            |                                       | -766 Jul 11 j 05:38      | $0^{\circ}\Omega$   |            |
| evening max el   | -767 Aug 17 j 16:20 | 12° <b>m</b> 23'20           | 26°24'24   | desc. node                            | -766 Jul 18 j 15:21      | 10° <b>Ω</b> 56'37  |            |
| retrograde       | -767 Aug 30 j 10:38 | 19° <b>m</b> 34'57           |            | evening max el                        | -766 Jul 31 j 04:04      | 25° <b>Ω</b> 50′36  | 27°08'10   |
| evening set      | -767 Sep 05 j 22:18 | 16° <b>m</b> 53'04           |            |                                       | -766 Aug 05 j 03:29      | 0° <b>™</b>         |            |
| min. Earth dist. | -767 Sep 10 j 00:56 | 12° <b>m</b> 33'02           | 0.66221 AU | retrograde                            | -766 Aug 13 j 11:28      | 3° <b>m</b> 09'53   |            |
| inferior conj    | -767 Sep 11 j 13:52 | 10° <b>m</b> 40'18           | -1°59'05   | evening set                           | -766 Aug 20 j 10:23      | 0° Mp 23'26         |            |
| minimum elong    | -767 Sep 11 j 16:50 | 10° <b>m</b> 31'14           | 1°57'55    |                                       | -766 Aug 20 j 21:44      | 30° <b>₹Ω</b>       |            |
| morning rise     | -767 Sep 17 j 11:42 | 4° <b>m</b> 52'17            |            | min. Earth dist.                      | -766 Aug 24 j 05:59      | 26° <b>Ω</b> 40'43  | 0.65061 AU |
| asc. node        | -767 Sep 17 j 13:13 | 4° <b>m</b> 50′07            |            | inferior conj                         | -766 Aug 26 j 07:51      | 24° <b>Ω</b> 20′27  | -2°52'13   |
| direct           | -767 Sep 20 j 12:45 | 3° <b>m</b> 59'40            |            | minimum elong                         | -766 Aug 26 j 11:57      | 24° <b>Ω</b> 08'55  | 2°50'52    |
| morning max el   | -767 Sep 27 j 07:06 | 7° <b>m</b> 45'18            | 18°43'35   | morning rise                          | -766 Sep 01 j 14:10      | 18° <b>Ω</b> 46'34  |            |
| •                | -767 Oct 12 j 22:07 | 0∘ <b>ত</b>                  |            | direct                                | -766 Sep 04 j 08:25      | 18° <b>Ω</b> 05'43  |            |
| morning set      | -767 Oct 18 j 05:54 | 8° <b>≏</b> 28'10            |            | asc. node                             | -766 Sep 04 j 10:16      | 18° <b>Ω</b> 05'45  |            |
| desc. node       | -767 Oct 27 j 17:40 | 23° <b>₽</b> 29'59           |            | morning max el                        | -766 Sep 10 j 21:05      | 21° <b>Ω</b> 37′01  | 18°10'28   |
|                  | -767 Oct 31 j 20:46 | 0°M                          |            | C                                     | -766 Sep 17 j 08:41      | 0° <b>m</b> )       |            |
|                  | J                   |                              |            | morning set                           | -766 Sep 29 j 05:23      | 19° <b>m</b> 15'07  |            |
| superior conj    | -767 Nov 03 j 07:49 | 3°M52'13                     | -0°42'05   |                                       | -766 Oct 05 j 18:00      | 0∘ <b>⊽</b>         |            |
| minimum elong    | -767 Nov 03 j 02:23 | 3°M30'52                     | 0°41'23    |                                       | ·                        |                     |            |
| max. Earth dist. | -767 Nov 03 j 03:00 | 3°M33'17                     | 1.44975 AU | superior conj                         | -766 Oct 13 j 11:30      | 12° <b>≙</b> 27'04  | 0°07'26    |
| evening rise     | -767 Nov 19 j 02:49 | 28°M53'47                    |            | minimum elong                         | -766 Oct 13 j 12:25      | 12° <b>♀</b> 30'45  | 0°07'18    |
| -                | -767 Nov 19 j 19:22 | 0° <b>∡</b> ¹                |            | behind sun begin                      | -766 Oct 13 j 02:37      | 11° <b>≏</b> 51'42  |            |
|                  | -767 Dec 09 j 20:18 | 0°ප                          |            | behind sun end                        | -766 Oct 13 j 22:13      | 13° <b>≏</b> 09'46  |            |
| evening max el   | -767 Dec 10 j 15:52 | 0° <b>る</b> 52'22            | 18°54'32   | desc. node                            | -766 Oct 14 j 14:42      | 14° <b>£</b> 15′10  |            |
| asc. node        | -767 Dec 14 j 12:28 | 3° <b>ප</b> 56'14            |            | max. Earth dist.                      | -766 Oct 16 j 21:46      | 17° <b>≙</b> 53'04  | 1.44803 AU |
| retrograde       | -767 Dec 17 j 11:38 | 4° <b>පි</b> 44'10           |            |                                       | -766 Oct 24 j 15:14      | 0° <b>M</b>         |            |
| evening set      | -767 Dec 20 j 16:30 | 3°₹45′08                     |            | evening rise                          | -766 Oct 29 j 23:57      | 8°M20'36            |            |
|                  | -767 Dec 24 j 18:07 | 30°₽ <b>⋌</b> 7              |            | greatest brilliancy                   | -766 Nov 11 j 15:26      | 27°M47'00           | -0.7m      |
| inferior conj    | -767 Dec 26 j 09:37 | 28° <b>₹</b> 00′28           | 3°19'12    | · ·                                   | -766 Nov 13 j 03:01      | 0° <b>∡</b> ¹       |            |
| minimum elong    | -767 Dec 26 j 06:55 | 28° <b>≯</b> ¹08'50          | 3°18'37    | evening max el                        | -766 Nov 23 j 22:47      | 14° <b>∡</b> 19′22  | 19°42'59   |
| min. Earth dist. | -767 Dec 28 j 00:39 | 25° <b>₹</b> 59'43           | 0.65426 AU | retrograde                            | -766 Dec 01 j 08:38      | 18° <b>∡</b> ³38'21 |            |
| morning rise     | -767 Dec 31 j 21:03 | 21° <b>₹</b> 51'36           |            | asc. node                             | -766 Dec 01 j 09:30      | 18° <b>∡</b> ³38'21 |            |
| direct           | -766 Jan 07 j 11:19 | 19° <b>∡</b> 00'30           |            | evening set                           | -766 Dec 04 j 20:54      | 17° <b>∡</b> ¹26'11 |            |
| morning max el   | -766 Jan 20 j 12:03 | 26° <b>х</b> 37'33           | 26°45'48   | inferior conj                         | -766 Dec 10 j 09:20      | 11° <b>∡</b> ¹27'18 | 2°44'42    |
| desc. node       | -766 Jan 23 j 16:52 | 0° <b>る</b> 02'34            |            | minimum elong                         | -766 Dec 10 j 06:29      | 11° <b>∡</b> ³36'40 | 2°43'51    |
|                  | -766 Jan 23 j 15:57 | 0°る                          |            | min. Earth dist.                      | -766 Dec 11 j 10:31      | 10° <b>∡</b> 104'27 | 0.66497 AU |
|                  | -766 Feb 13 j 21:33 | 0° <b>≈</b>                  |            | morning rise                          | -766 Dec 15 j 15:51      | 5° <b>∡</b> 14'50   | -          |
| morning set      | -766 Feb 25 j 09:41 | 20° <b>≈</b> 26'53           |            | direct                                | -766 Dec 21 j 17:14      | 2° <b>∡</b> ³33'58  |            |
| max. Earth dist. | -766 Mar 01 j 17:55 | 28° <b>≈</b> 56'13           | 1.34532 AU | morning max el                        | -765 Jan 02 j 21:13      | 9° <b>∡</b> ¹47'03  | 25°35'53   |
|                  | -766 Mar 02 j 06:37 | 0° <b>)</b> €                |            | desc. node                            | -765 Jan 10 j 13:54      | 18° <b>∡</b> ³37'50 |            |
|                  | J J                 |                              |            |                                       | -765 Jan 18 j 22:00      | 0°중                 |            |
|                  |                     |                              |            |                                       |                          |                     |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 73 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | ical year style is used: Tl                | ne year -900 in                         | astronomical cour  | nting style is the year | 901 BCE in historical cou                  | inting style.                            |                     |
|--------------------------------|--|---|--------------------|-------------------------|--|--|---------------------|
|                                | -765 Feb 06 j 11:19                        | 0° <b>≈</b>                             |                    | morning set             | -764 Jan 21 j 00:42                        | 14° <b>る</b> 32'08                       |                     |
| morning set                    | -765 Feb 08 j 03:46                        | 3° <b>≈</b> 02'39                       |                    | max. Earth dist.        | -764 Jan 24 j 19:00                        | 21° <b>る</b> 10'17                       | 1.38079 AU          |
| max. Earth dist.               | -765 Feb 11 j 22:47                        | 10° <b>≈</b> 06′01                      | 1.36119 AU         |                         | -764 Jan 29 j 14:22                        | 0° <b>≈</b>                              |                     |
|                                |  |   |                    |                         |  |  |                     |
| superior conj                  | -765 Feb 17 j 15:09                        | 21° <b>≈</b> 11′26                      |                    | superior conj           | -764 Jan 31 j 20:26                        | 4° <b>≈</b> 16′13                        |                     |
| minimum elong                  | -765 Feb 17 j 18:49                        | 21° <b>≈</b> 29'48                      | 1°27'40            | minimum elong           | -764 Jan 31 j 23:53                        | 4° <b>≈</b> 32'42                        | 1°47'07             |
|                                | -765 Feb 21 j 23:28                        | 0° <b>∀</b>                             |                    | evening rise            | -764 Feb 09 j 15:20                        | 21° <b>≈</b> 28'49                       |                     |
| evening rise                   | -765 Feb 25 j 16:19                        | 7° <b>¥</b> 33'41                       |                    | asc. node               | -764 Feb 14 j 05:52                        | 0° <b>)</b> 23′14                        |                     |
| asc. node                      | -765 Feb 27 j 08:49                        | 10° <b>)</b> 57'48                      |                    |                         | -764 Feb 14 j 00:55                        | 0° <b>∀</b>                              |                     |
|                                | -765 Mar 10 j 04:18                        | 0° <b>Υ</b>                             |                    | evening max el          | -764 Feb 26 j 06:15                        | 18° <b>)</b> 19'14                       | 19°00'43            |
| evening max el                 | -765 Mar 15 j 10:10                        | 6° <b>Y</b> 15'15                       | 19°56'43           | retrograde              | -764 Mar 05 j 18:56                        | 22° <b>∺</b> 25'33                       |                     |
| retrograde                     | -765 Mar 25 j 12:43                        | 11° <b>Y</b> 05'39                      |                    | evening set             | -764 Mar 08 j 01:50                        | 22° <b>∺</b> 09'05                       |                     |
| evening set                    | -765 Mar 27 j 16:01                        | 10° <b>Y</b> 53′36                      |                    | inferior conj           | -764 Mar 16 j 02:41                        | 17° <b>)</b> ₹54'30                      | 2°25'38             |
| inferior conj                  | -765 Apr 05 j 11:20                        | 6° <b>Y</b> 53′02                       | 0°51'45            | minimum elong           | -764 Mar 16 j 07:10                        | 17° <b>)</b> (46′38                      | 2°24'24             |
| minimum elong                  | -765 Apr 05 j 13:34                        | 6° <b>Ƴ</b> 49'37                       | 0°50'59            | min. Earth dist.        | -764 Mar 19 j 06:07                        | 15° <b>)</b> 43′01                       | 0.56995 AU          |
| min. Earth dist.               | -765 Apr 07 j 14:13                        | 5° <b>Y</b> 35'30                       | 0.55593 AU         | morning rise            | -764 Mar 24 j 09:30                        | 12° <b>米</b> 51′58                       |                     |
| desc. node                     | -765 Apr 08 j 13:03                        | 5° <b>Y</b> 01'51                       |                    | desc. node              | -764 Mar 25 j 10:05                        | 12° <b>¥</b> 29'31                       |                     |
| morning rise                   | -765 Apr 14 j 08:56                        | 2°Υ23'03                                |                    | direct                  | -764 Mar 29 j 13:54                        | 11° <b>)</b> (48'11                      |                     |
| direct                         | -765 Apr 18 j 09:32                        | 1° <b>℃</b> 47'19                       |                    | morning max el          | -764 Apr 12 j 20:26                        | 19° <b>)</b> 11'34                       | 25°40'21            |
| morning max el                 | -765 May 02 j 05:35                        | 8° <b>Ƴ</b> 39'51                       | 24°05'01           |                         | -764 Apr 21 j 23:01                        | 0° <b>Υ</b>                              |                     |
| _                              | -765 May 17 j 20:02                        | 0° <b>8</b>                             |                    |                         | -764 May 09 j 03:03                        | 0° <b>8</b>                              |                     |
| asc. node                      | -765 May 26 j 08:07                        | 16° <b>8</b> 29'14                      |                    | morning set             | -764 May 10 j 07:30                        | 2° <b>8</b> 28'32                        |                     |
| morning set                    | -765 May 26 j 19:42                        | 17° <b>8</b> 29'59                      |                    | asc. node               | -764 May 12 j 05:11                        | 6° <b>8</b> 31'25                        |                     |
|                                | -765 Jun 01 j 15:24                        | $\Pi$ $^{\circ}0$                       |                    |                         | 56434 15:05.05                             | 1.50 40 (10.5                            | 0051100             |
|                                |  |   |                    | superior conj           | -764 May 17 j 07:25                        |  |                     |
| superior conj                  | -765 Jun 02 j 20:44                        | 2° <b>∏</b> 38'31                       |                    | minimum elong           | -764 May 17 j 05:23                        | 17° <b>8</b> 25'28                       | 0°51'06             |
| minimum elong                  | -765 Jun 02 j 18:15                        | 2° <b>Ⅱ</b> 25'08                       | 1°11'32            | max. Earth dist.        | -764 May 18 j 03:17                        | 19° <b>8</b> 25'07                       | 1.32668 AU          |
| max. Earth dist.               | -765 Jun 04 j 17:48                        | 6° <b>Ⅱ</b> 40'41                       | 1.33308 AU         |                         | -764 May 23 j 01:29                        | 0°П                                      |                     |
| evening rise                   | -765 Jun 10 j 06:11                        | 18° <b>Ⅱ</b> 10′05                      |                    | evening rise            | -764 May 24 j 09:23                        | 2° <b>∏</b> 46'12                        |                     |
|                                | -765 Jun 16 j 09:08                        | 0.20<br>0.20                            |                    |                         | -764 Jun 08 j 05:30                        | 0°95                                     |                     |
| desc. node                     | -765 Jul 05 j 12:22                        | 29° <b>9</b> 53'36                      |                    | desc. node              | -764 Jun 21 j 09:22                        | 17°954'54                                | 27010151            |
|                                | -765 Jul 05 j 14:23                        | 0° <b>Ω</b>                             | 2702511.0          | evening max el          | -764 Jun 24 j 21:29                        | 21°532'06                                | 27°10'51            |
| evening max el                 | -765 Jul 13 j 14:31                        | 8° <b>Ω</b> 57'33                       | 2/25/18            | retrograde              | -764 Jul 08 j 19:03                        | 28°950'21                                |                     |
| retrograde                     | -765 Jul 27 j 06:37                        | 16° <b>Ω</b> 18'09                      |                    | evening set             | -764 Jul 15 j 20:46                        | 26°532'05                                | 0.61677.411         |
| evening set                    | -765 Aug 03 j 11:13                        | 13° <b>Ω</b> 38'47                      | 0.62520 ATT        | min. Earth dist.        | -764 Jul 19 j 11:35                        | 23° <b>©</b> 45'51<br>20° <b>©</b> 57'51 | 0.61677 AU          |
| min. Earth dist.               | -765 Aug 07 j 01:50                        | 10° <b>Ω</b> 29'15<br>7° <b>Ω</b> 48'42 |                    | inferior conj           | -764 Jul 22 j 14:16                        |  | 4°17'44             |
| inferior conj                  | -765 Aug 09 j 17:02                        |   |                    | minimum elong           | -764 Jul 22 j 18:07                        | 20°549'09                                | 4-1/44              |
| minimum elong                  | -765 Aug 09 j 21:37                        | 7° <b>Ω</b> 37'01                       | 3-3903             | morning rise            | -764 Jul 29 j 16:59                        | 16°501'15                                |                     |
| morning rise                   | -765 Aug 16 j 09:04<br>-765 Aug 18 j 22:55 | 2° <b>Ω</b> 32'04<br>1° <b>Ω</b> 59'47  |                    | direct                  | -764 Aug 01 j 04:51                        | 15°534'54                                | 17057120            |
| direct                         | -765 Aug 22 j 07:19                        | 1 <b>∂</b> €3947<br>2° <b>Ω</b> 54'59   |                    | morning max el          | -764 Aug 08 j 03:04                        | 19° <b>©</b> 02'58<br>19° <b>©</b> 06'14 | 17°57'38            |
| asc. node                      |  | 5° <b>Ω</b> 25'14                       | 17054151           | asc. node               | -764 Aug 08 j 04:24                        | 19 300 14<br>0°Ω                         |                     |
| morning max el                 | -765 Aug 25 j 12:43                        | 0°M)                                    | 1/ 34 31           | marning aat             | -764 Aug 16 j 02:57                        |  |                     |
| morning set                    | -765 Sep 10 j 13:05<br>-765 Sep 11 j 06:24 | 0 ių<br>1°Mp 15′27                      |                    | morning set             | -764 Aug 24 j 03:00<br>-764 Sep 01 j 21:34 | 14° <b>Ω</b> 11'56<br>0° <b>m</b>        |                     |
| morning set                    | -703 Sep 11 J 00.24                        | 1 11111327                              |                    |                         | -704 Sep 01 J 21.34                        | V III                                    |                     |
| superior coni                  | -765 Sep 23 j 11:59                        | 22° m 05'36                             | 0°51'06            | superior conj           | -764 Sep 03 j 15:53                        | 3° Mp 04'56                              | 1°22'22             |
| superior conj<br>minimum elong | -765 Sep 23 j 16:47                        | 22° m) 25'25                            | 0°50'30            | minimum elong           | -764 Sep 03 j 20:37                        | 3° My 25'31                              | 1°21'54             |
| minimum clong                  | -765 Sep 28 j 08:15                        | 0° <b>ʊ</b>                             | 0 30 30            | max. Earth dist.        | -764 Sep 11 j 01:58                        | 15° Mp 38'20                             | 1.42461 AU          |
| max. Earth dist.               | -765 Sep 29 j 14:09                        | 0 <b>=</b><br>2° <b>⊆</b> 00'10         | 1.43922 AU         | desc. node              | -764 Sep 17 j 08:45                        | 25° Mp 46'55                             | 1.42401 AU          |
| desc. node                     | -765 Oct 01 j 11:44                        | 5° <b>£</b> 02'03                       | 1.43922 AU         | evening rise            | -764 Sep 17 j 18:06                        | 26° m 23'52                              |                     |
| evening rise                   | -765 Oct 09 j 07:12                        | 17° <b>⊆</b> 15'36                      |                    | evening rise            | -764 Sep 20 j 01:15                        | ე∘ <b>ი</b>                              |                     |
| evening rise                   | -765 Oct 17 j 15:51                        | 0°M                                     |                    |                         | -764 Oct 10 j 12:53                        | 0° <b>m</b> .                            |                     |
| evening max el                 | -765 Nov 07 j 00:23                        | 27°M47'29                               | 20°45'39           | evening max el          | -764 Oct 19 j 20:13                        | 11°ML15'55                               | 21°50'11            |
| evening max er                 | -765 Nov 09 j 09:15                        | 27 11 <b>0</b> <del>-</del> 77 27       | 20 43 37           | retrograde              | -764 Oct 29 j 02:28                        | 16°M46'18                                | 21 37 11            |
| retrograde                     | -765 Nov 15 j 06:15                        | 2° <b>∡</b> 740'15                      |                    | evening set             | -764 Nov 02 j 11:43                        | 15°M01'55                                |                     |
| asc. node                      | -765 Nov 18 j 06:32                        | 1°×748'33                               |                    | asc. node               | -764 Nov 04 j 03:37                        | 13°M27'24                                |                     |
| evening set                    | -765 Nov 19 j 03:55                        | 1° <b>₹</b> 12'59                       |                    | inferior conj           | -764 Nov 07 j 19:59                        | 8°M44'52                                 | 1°14'38             |
| evening set                    | -765 Nov 20 j 13:15                        | 30°RM                                   |                    | minimum elong           | -764 Nov 07 j 18:20                        | 8°M50'33                                 | 1°13'58             |
| inferior conj                  | -765 Nov 24 j 13:29                        | 25°M03'15                               | 2°02'32            | min. Earth dist.        | -764 Nov 07 j 18.20                        | 8°M38'11                                 | 0.67562 AU          |
| minimum elong                  | -765 Nov 24 j 13.29<br>-765 Nov 24 j 11:02 | 25°M11'37                               | 2°02'32<br>2°01'38 | morning rise            | -764 Nov 13 j 00:48                        | 2°MJ31'57                                | 0.07302 AU          |
| min. Earth dist.               | -765 Nov 25 j 02:26                        | 24°M19'03                               | 0.67200 AU         | direct                  | -764 Nov 17 j 20:13                        | 0°M30'54                                 |                     |
| morning rise                   | -765 Nov 29 j 17:57                        | 18°M49'22                               | 0.07200 AU         | morning max el          | -764 Nov 27 j 15:45                        | 6°M20'35                                 | 22°44'29            |
| direct                         | -765 Dec 05 j 04:31                        | 16°M26'29                               |                    | desc. node              | -764 Nov 27 j 15:45<br>-764 Dec 14 j 08:02 | 27°M44'42                                | ۷۷ <del>۱۹</del> ۷۶ |
| morning max el                 | -765 Dec 16 j 05:41                        | 23°M02'05                               | 24°12'07           | acsc. Hour              | -764 Dec 15 j 21:14                        | 2/*11L44*42<br>0° <b>x</b> 7             |                     |
| morning max ei                 | -765 Dec 22 j 09:15                        | 23°11€02'03<br>0° <b>√</b> 1            | 27 12 U /          | morning set             | -764 Dec 31 j 18:19                        | 0° <b>x</b> ¹<br>24° <b>x</b> ¹39'24     |                     |
| desc. node                     | -765 Dec 28 j 10:58                        | 0 <b>x</b> ¹<br>7° <b>x</b> ¹56'12      |                    | morning set             | -763 Jan 03 j 23:20                        | 24 x・3924<br>0°る                         |                     |
| acsc. Hour                     | -764 Jan 12 j 06:56                        | /* <b>x</b> '36'12                      |                    | max. Earth dist.        | -763 Jan 03 j 23:20<br>-763 Jan 05 j 14:37 | 0°る<br>2° <b>る</b> 46'41                 | 1.40201 AU          |
|                                | 70.13an 12 J 00.30                         | ŷ <b>O</b>                              |                    | max. Durin dist.        | 705 Juli 05 j 17.5/                        | 2 07071                                  | 1.10201 AU          |

| •                | •  |   | •          | , ·              | 001 BCE in historical cou                  |                                       | 50 / 4       |
|------------------|--|---|------------|------------------|--|---------------------------------------|--------------|
| superior conj    | -763 Jan 13 j 09:32                        | 16° <b>る</b> 30'23                        |            | morning set      | -763 Dec 11 j 07:26                        | 3° <b>∡</b> ¹26'22                    |              |
| minimum elong    | -763 Jan 13 j 11:10                        | 16° <b>る</b> 37'48                        | 1°58'59    | max. Earth dist. | -763 Dec 18 j 16:36                        | 15° <b>∡</b> 18'53                    | 1.42189 AU   |
| · ·              | -763 Jan 20 j 15:32                        | 0° <b>≈</b>                               |            |                  | ,  |                                       |              |
| evening rise     | -763 Jan 23 j 04:56                        | 4° <b>≈</b> 51'20                         |            | superior conj    | -763 Dec 26 j 01:00                        | 27° <b>х</b> 40′36                    | -1°58'55     |
| asc. node        | -763 Jan 31 j 02:55                        | 19° <b>≈</b> 22'40                        |            | minimum elong    | -763 Dec 25 j 22:49                        | 27° <b>∡</b> ³31'13                   | 1°58'52      |
|                  | -763 Feb 07 j 13:19                        | 0° <b>∀</b>                               |            |                  | -763 Dec 27 j 09:14                        | ರ∘ರ                                   |              |
| evening max el   | -763 Feb 08 j 10:45                        | 0° <b>)</b> 54′50                         | 18°24'44   | evening rise     | -762 Jan 06 j 05:32                        | 17° <b>る</b> 33'37                    |              |
| retrograde       | -763 Feb 15 j 20:02                        | 4° <b>)</b> 33′13                         |            |                  | -762 Jan 13 j 04:22                        | 0° <b>≈</b>                           |              |
| evening set      | -763 Feb 18 j 07:57                        | 4° <b>₩</b> 09'30                         |            | asc. node        | -762 Jan 17 j 23:58                        | 7° <b>≈</b> 47'59                     |              |
|                  | -763 Feb 25 j 02:28                        | 30° <b>₹</b> ≈                            |            | evening max el   | -762 Jan 22 j 20:39                        | 13° <b>≈</b> 53′27                    | 18°08'40     |
| inferior conj    | -763 Feb 25 j 14:55                        | 29° <b>≈</b> 34'37                        | 3°23'52    | retrograde       | -762 Jan 29 j 14:16                        | 17° <b>≈</b> 19'55                    |              |
| minimum elong    | -763 Feb 25 j 18:19                        | 29° <b>≈</b> 27'38                        | 3°23'18    | evening set      | -762 Feb 01 j 06:28                        | 16° <b>≈</b> 47'41                    |              |
| min. Earth dist. | -763 Mar 01 j 01:17                        | 26° <b>≈</b> 47'13                        | 0.58918 AU | inferior conj    | -762 Feb 07 j 22:45                        | 11° <b>≈</b> 51'16                    | 3°49'39      |
| morning rise     | -763 Mar 05 j 02:17                        | 24° <b>≈</b> 05′26                        |            | minimum elong    | -762 Feb 07 j 23:49                        | 11° <b>≈</b> 48'43                    | 3°49'36      |
| direct           | -763 Mar 11 j 07:24                        | 22° <b>≈</b> 24'20                        |            | min. Earth dist. | -762 Feb 11 j 02:48                        | 8° <b>≈</b> 52'11                     | 0.61004 AU   |
| desc. node       | -763 Mar 12 j 07:09                        | 22° <b>≈</b> 26′52                        |            | morning rise     | -762 Feb 14 j 15:38                        | 6° <b>≈</b> 03'51                     |              |
| morning max el   | -763 Mar 25 j 14:55                        | 0° <b>)</b> 03′49                         | 26°55'24   | direct           | -762 Feb 21 j 11:41                        | 3° <b>≈</b> 46'58                     |              |
|                  | -763 Mar 25 j 13:21                        | 0° <b>)</b> €                             |            | desc. node       | -762 Feb 27 j 04:13                        | 5° <b>≈</b> 12'30                     |              |
|                  | -763 Apr 15 j 20:07                        | $0$ ° $\mathbf{\Upsilon}$                 |            | morning max el   | -762 Mar 07 j 15:48                        | 11° <b>≈</b> 34'51                    | 27°38'25     |
| morning set      | -763 Apr 24 j 17:37                        | 17° <b>Ƴ</b> 21'06                        |            |                  | -762 Mar 22 j 03:30                        | 0° <b>∀</b>                           |              |
| asc. node        | -763 Apr 29 j 02:15                        | 26° <b>Ƴ</b> 40′38                        |            |                  | -762 Apr 08 j 00:30                        | $0^{\circ}$ $\Upsilon$                |              |
|                  | -763 Apr 30 j 14:44                        | 0° <b>႘</b>                               |            | morning set      | -762 Apr 09 j 00:07                        | 2° <b>Y</b> '00'45                    |              |
|                  |  |   |            | max. Earth dist. | -762 Apr 15 j 04:15                        | 15° <b>Ƴ</b> 08'23                    | 1.32473 AU   |
| superior conj    | -763 May 01 j 19:11                        | 2° <b>8</b> 36'07                         | 0°28'17    | asc. node        | -762 Apr 15 j 23:16                        | 16° <b>Ƴ</b> 52'07                    |              |
| minimum elong    | -763 May 01 j 17:58                        | 2° <b>8</b> 29'23                         | 0°28'02    |                  | 1 ,  |                                       |              |
| max. Earth dist. | -763 May 01 j 16:03                        | 2° <b>8</b> 18'55                         | 1.32388 AU | superior conj    | -762 Apr 16 j 06:19                        | 17° <b>Ƴ</b> 30'34                    | 0°03'07      |
| evening rise     | -763 May 08 j 17:33                        | 17° <b>8</b> 35'54                        |            | minimum elong    | -762 Apr 16 j 06:10                        | 17° <b>Ƴ</b> 29'47                    | 0°03'05      |
| S                | -763 May 14 j 22:05                        | $0^{\circ}\Pi$                            |            | behind sun begin | -762 Apr 16 j 01:11                        | 17° <b>Y</b> ′02'34                   |              |
|                  | -763 Jun 03 j 15:39                        | 0°ಅ                                       |            | behind sun end   | -762 Apr 16 j 11:09                        | 17° <b>Ƴ</b> 57'01                    |              |
| evening max el   | -763 Jun 06 j 22:36                        | 3°524'24                                  | 26°23'33   |                  | -762 Apr 22 j 00:05                        | 0°8                                   |              |
| desc. node       | -763 Jun 08 j 06:23                        | 4°937'24                                  |            | evening rise     | -762 Apr 23 j 04:28                        | 2° <b>8</b> 30'57                     |              |
| retrograde       | -763 Jun 20 j 23:15                        | 10°538'58                                 |            | <i>B</i>         | -762 May 08 j 02:29                        | 0°II                                  |              |
| evening set      | -763 Jun 27 j 10:32                        | 8°954'20                                  |            | evening max el   | -762 May 19 j 16:51                        | 14° <b>Ⅱ</b> 31'58                    | 25°08'00     |
| min. Earth dist. | -763 Jul 01 j 11:42                        | 6°9516'08                                 | 0.59636 AU | desc. node       | -762 May 26 j 03:25                        | 19° <b>Ⅱ</b> 28'42                    |              |
| inferior conj    | -763 Jul 04 j 20:01                        | 3°938'54                                  |            | retrograde       | -762 Jun 02 j 17:14                        | 21° <b>II</b> 40'04                   |              |
| minimum elong    | -763 Jul 04 j 21:17                        | 3°\$36'26                                 |            | evening set      | -762 Jun 08 j 01:22                        | 20° <b>Ⅲ</b> 34'17                    |              |
|                  | -763 Jul 10 j 03:41                        | 30°RⅡ                                     |            | min. Earth dist. | -762 Jun 13 j 04:32                        | 17° <b>Ⅱ</b> 46'34                    | 0.57642 AU   |
| morning rise     | -763 Jul 12 j 10:07                        | 29° <b>I</b> I04'30                       |            | inferior conj    | -762 Jun 16 j 06:45                        | 15° <b>Ⅱ</b> 40'50                    |              |
| direct           | -763 Jul 14 j 22:08                        | 28° <b>Ⅱ</b> 42'09                        |            | minimum elong    | -762 Jun 16 j 03:42                        | 15° <b>Ⅱ</b> 46'03                    |              |
| 4.1.000          | -763 Jul 19 j 10:49                        | 0ಂತಿ                                      |            | morning rise     | -762 Jun 24 j 08:47                        | 11° <b>I</b> I28'16                   | . 51 10      |
| morning max el   | -763 Jul 22 j 13:11                        | 2°522'40                                  | 18°20'02   | direct           | -762 Jun 26 j 22:07                        | 11° <b>I</b> I08'54                   |              |
| asc. node        | -763 Jul 26 j 01:29                        | 6°924'25                                  | 10 20 02   | morning max el   | -762 Jul 05 j 16:00                        | 15° <b>Ⅱ</b> 14'16                    | 19°03'03     |
| morning set      | -763 Aug 07 j 13:51                        | 27°950'45                                 |            | asc. node        | -762 Jul 12 j 22:32                        | 24° <b>I</b> I33'57                   | 17 03 03     |
| morning sec      | -763 Aug 08 j 16:59                        | 0°Ω                                       |            | use. Houe        | -762 Jul 16 j 03:26                        | 0°95                                  |              |
|                  | 705 11ag 00 j 10.57                        | 0 <b>0 C</b>                              |            | morning set      | -762 Jul 22 j 10:43                        | 11°959'34                             |              |
| superior conj    | -763 Aug 16 j 20:29                        | 15° <b>Ω</b> 18'13                        | 1°40'30    | morning sec      | 702 Jul 22 j 10.13                         | 11 35751                              |              |
| minimum elong    | -763 Aug 16 j 23:13                        | 15° <b>Ω</b> 30'46                        | 1°40'20    | superior conj    | -762 Jul 30 j 19:58                        | 28°928'30                             | 1°47'23      |
| max. Earth dist. | -763 Aug 24 j 08:44                        | 28° <b>Ω</b> 37'41                        | 1.40606 AU | minimum elong    | -762 Jul 30 j 20:29                        |                                       | 1°47'23      |
|                  | -763 Aug 25 j 03:59                        | 0° m)                                     |            | viong            | -762 Jul 31 j 15:03                        | 0° <b>Ω</b>                           | <del>-</del> |
| evening rise     | -763 Aug 29 j 00:36                        | 6° Mp 27'54                               |            | max. Earth dist. | -762 Aug 06 j 11:51                        | 10° <b>Ω</b> 54'29                    | 1.38597 AU   |
| desc. node       | -763 Sep 04 j 05:46                        | 16° Mp 26'43                              |            | evening rise     | -762 Aug 10 j 08:06                        | 17° <b>Ω</b> 42'35                    | 1.505) / 110 |
| desc. node       | -763 Sep 13 j 05:05                        | 0° <b>⊽</b>                               |            | evening rise     | -762 Aug 17 j 16:45                        | 0° my                                 |              |
| evening max el   | -763 Oct 02 j 11:10                        | 24° <b>≏</b> 46'25                        | 23°18'39   | desc. node       | -762 Aug 22 j 02:47                        | 6° <b>m</b> 56'40                     |              |
| evening max er   | -763 Oct 09 j 05:32                        | 0°M                                       | 23 1037    | desc. node       | -762 Sep 07 j 13:57                        | 0ಂ <del>ರ</del><br>೧.1 <b>೮</b> ೨೧ /೧ |              |
| retrograde       | -763 Oct 12 j 19:56                        | 0°M54'15                                  |            | evening max el   | -762 Sep 14 j 23:06                        | ა <b>_</b><br>8° <b>ჲ</b> 19'28       | 24°37'56     |
| retrograde       | -763 Oct 16 j 03:31                        | 30°R <u>Ω</u>                             |            | retrograde       | -762 Sep 26 j 09:36                        | 15° <b>⊆</b> 00'09                    | 24 37 30     |
| evening set      | -763 Oct 17 j 18:35                        | 28° <b>♀</b> 51'30                        |            | evening set      | -762 Oct 01 j 22:50                        | 12° <b>⊆</b> 39'23                    |              |
| asc. node        | -763 Oct 17 j 18:35                        | 26° <b>⊆</b> 31'30'<br>24° <b>⊆</b> 00'33 |            | min. Earth dist. | -762 Oct 06 j 13:50                        | 7° <b>£</b> 21'48                     | 0.67327 AU   |
| inferior conj    | -763 Oct 22 j 00:41<br>-763 Oct 23 j 03:01 | 24° <b>⊆</b> 30'39                        | 0°22'41    | inferior conj    | -762 Oct 00 j 13:30                        | 6° <b>£</b> 18'30                     |              |
| minimum elong    | -763 Oct 23 j 02:28                        | 22° <b>£</b> 32'29                        | 0°22'27    | minimum elong    | -762 Oct 07 j 09:36                        | 6° <b>£</b> 15'54                     |              |
| min. Earth dist. | -763 Oct 23 j 02.28<br>-763 Oct 22 j 18:31 | 22° <b>£</b> 59'49                        | 0.67606 AU | asc. node        | -762 Oct 07 j 09:30                        | 0 <b>=</b> 13 34<br>4° <b>⊆</b> 17'43 | 0 3:21       |
| morning rise     | -763 Oct 22 j 18:31<br>-763 Oct 28 j 10:17 | 16° <b>£</b> 21'12                        | 0.07000 AU | morning rise     | -762 Oct 12 j 20:25                        | 4 <b>=</b> 1743<br>0° <b>ჲ</b> 15'07  |              |
| direct           | -763 Nov 01 j 15:24                        | 16 <b>≗</b> 21 12<br>14° <b>£</b> 42'35   |            | morning 1150     | -762 Oct 12 j 20:23                        | 0 ==1307<br>30°R, Mp                  |              |
| morning max el   | -763 Nov 01 j 13.24<br>-763 Nov 10 j 07:07 | 14 <b>≗</b> 42 33<br>19° <b>₽</b> 47'01   | 21°21'23   | direct           | -762 Oct 16 j 12:50                        | 28° Mp 57'04                          |              |
| morning max ei   | -763 Nov 10 j 07:07<br>-763 Nov 18 j 17:47 | 0°M₀                                      | 21 21 2J   | ancet            | -762 Oct 16 j 12:30<br>-762 Oct 20 j 01:19 | 28° III/37'04<br>0° <b>ഫ</b>          |              |
| desc. node       | -763 Nov 18 j 17.47<br>-763 Dec 01 j 05:04 | บาน<br>17°M54'52                          |            | morning max el   | -762 Oct 20 j 01:19<br>-762 Oct 24 j 05:56 | ა <u>~</u><br>3° <b>_</b> 23'42       | 20008148     |
| dese. Houe       | -763 Dec 01 j 03:04<br>-763 Dec 09 j 02:46 | 17 1163432<br>0° <b>√</b> 1               |            | morning max ci   | -762 Nov 12 j 15:06                        | 0°M                                   | 20 00 40     |
|                  | 703 Dec 03 J 02.40                         | · ^                                       |            |                  | 102 110V 12 J 13.00                        | O IIG                                 |              |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -762 Nov 18 j 02:07 8°M20'24 -761 Oct 17 j 07:03 0∘**⊽** desc. node -762 Nov 20 j 04:33 11°MJ34'55 -761 Oct 30 j 09:51 20°**£**14'56 morning set morning set -762 Dec 01 j 02:08 28°M42'33 1.43761 AU -761 Nov 04 j 23:08 28°**£**56'19 max. Earth dist. desc. node -762 Dec 01 j 21:28 0°×7 -761 Nov 05 j 15:24 oom. -761 Nov 13 j 17:16 max. Earth dist. 12°M41'10 1.44731 AU -762 Dec 06 j 14:06 superior conj 7°**х** 36'36 -1°42'43 -762 Dec 06 j 07:22 minimum elong 7°**х**¹09'04 1°42'12 superior conj -761 Nov 16 j 01:57 16°M25'08 -1°08'26 -761 Nov 15 j 18:13 -762 Dec 19 j 12:56 29°**х** 27′21 evening rise minimum elong 15°M54'32 1°07'33 -761 Nov 24 j 13:42 -762 Dec 19 j 20:30 ਾਤ 0°**∡** asc. node -761 Jan 04 j 21:00 25°る28'49 evening rise -761 Nov 30 j 22:45 10°**₹**24'03 evening max el -761 Jan 06 j 08:58 27°**る**07'13 18°12'03 -761 Dec 13 j 00:30 0°궁 -761 Jan 10 j 06:25 0°≈ evening max el -761 Dec 20 j 21:01 10°**る**29'18 18°33'59 retrograde -761 Jan 12 j 21:03 0°**≈**35′10 asc. node -761 Dec 22 j 18:02 12°**る**11'44 -761 Jan 15 j 11:49 30°Rる retrograde -761 Dec 27 j 11:56 14°る09'42 evening set -761 Jan 15 j 17:24 29°る53'35 evening set -761 Dec 30 j 13:14 13°**る**17'35 inferior conj -761 Jan 21 j 22:27 24°る36'53 3°50'54 inferior conj -760 Jan 05 j 10:01 7°る42'38 3°34'33 minimum elong -761 Jan 21 j 21:26 24°る39'35 3°50'50 minimum elong -760 Jan 05 j 07:43 7°る49'28 3°34'10 min. Earth dist. -761 Jan 24 j 13:24 21°る48'44 0.62965 AU min. Earth dist. -760 Jan 07 j 09:48 5°**る**21'31 0.64635 AU morning rise -761 Jan 28 j 00:38 18°る37'58 morning rise -760 Jan 11 j 01:43 1°る36'32 direct -761 Feb 04 j 00:54 15°**る**55'59 -760 Jan 13 j 08:13 30°R.✓ desc. node -761 Feb 14 j 01:16 20°る18'30 direct -760 Jan 17 j 21:33 28°**х** 44′18 morning max el -761 Feb 17 j 22:16 23°る47'02 27°44'34 -760 Jan 22 i 20:12 0°궁 -761 Feb 23 i 12:52 0°≈ morning max el -760 Jan 31 i 07:29 6° පි30'12 27°15'41 -761 Mar 15 j 10:05 0°**∀** desc. node -760 Jan 31 j 22:18 7°る07'43 -761 Mar 24 j 00:51 16°**¥**20′13 -760 Feb 18 j 09:32 morning set 0°≈ -761 Mar 29 j 11:48 27°**)** € 39′20 1.32938 AU -760 Mar 06 j 16:54 0°\09'03 max. Earth dist. morning set -761 Mar 30 j 14:07  $0^{\circ}\Upsilon$ -760 Mar 06 j 15:02 0° H -760 Mar 11 j 10:37 9°**升**38'31 1.33820 AU max. Earth dist. -761 Mar 31 j 15:08 2°Y14'31 -0°23'13 superior conj -761 Mar 31 j 16:13 -760 Mar 14 j 19:41 16° \(\frac{1}{40}\)'45 -0°49'41 minimum elong 2°\bar{Y}20'26 0°22'59 superior conj 16°**)** 53'05 0°49'13 -761 Apr 02 j 20:18 -760 Mar 14 j 22:01 7°**Υ**02'07 asc. node minimum elong -761 Apr 07 j 16:15 17°**Y**24'52 -760 Mar 19 j 17:20 27°**)**€05'42 evening rise asc. node  $0^{\circ}\Upsilon$ -761 Apr 13 j 22:18  $0^{\circ}$ 8 -760 Mar 21 j 02:15 2°Y10'27 -761 May 01 j 07:29 25°**8**11'00 23°35'45 -760 Mar 22 j 03:05 evening max el evening rise -761 May 07 j 15:49 -760 Apr 06 j 22:18  $0^{\circ}\Pi$  $0^{\circ}$ 8 -761 May 13 j 00:25 -760 Apr 12 j 01:21 5°**8**50'33 22°01'35 desc. node 1°**I**I52′19 evening max el -761 May 14 j 23:18 -760 Apr 24 j 17:28 12°**8**02'15 retrograde 2°**Ⅱ**01'00 retrograde -761 May 18 j 20:51 1°**Ⅱ**27'30 evening set -760 Apr 27 j 10:22 11°846'01 evening set -761 May 22 j 14:01 30°R₩ desc. node -760 Apr 28 j 21:27 11°824'28 min. Earth dist. -761 May 25 j 18:05 28°**8**15'47 0.56027 AU inferior conj -760 May 06 j 20:11 7°840'04 -2°12'10 -761 May 27 j 21:19 26°858'57 -3°43'45 minimum elong -760 May 06 j 14:21 7°**8**48'16 2°10'16 inferior conj -761 May 27 j 14:39 27°809'01 3°42'16 min. Earth dist. -760 May 06 j 07:13 7°**と**58'19 0.55127 AU minimum elong -761 Jun 05 j 11:19 23°**8**01'48 -760 May 15 j 19:40 3°**8**44'04 morning rise morning rise -761 Jun 08 j 02:39 22°844'24 -760 May 18 j 16:38 3°**8**25'36 direct direct -761 Jun 18 j 09:03 27°**8**29'17 20°06'55 -760 May 30 j 15:01 9°801'45 21°30'00 morning max el morning max el -761 Jun 20 j 19:25 -760 Jun 14 i 06:39  $0^{\circ}II$  $0^{\circ}II$ -761 Jun 29 j 19:34 asc. node 13°**Ⅲ**23'01 asc. node -760 Jun 15 j 16:36 2°**Ⅱ**41'53 morning set morning set -760 Jun 19 j 22:58 -761 Jul 06 i 14:32 26°II30'22 11°**Ⅱ**16'39 -761 Jul 08 j 07:41 0ಂತಾ -760 Jun 27 j 07:50 26°II42'56 1°36'23 superior conj -761 Jul 14 i 09:07 12°920'47 1°45'21 -760 Jun 27 i 05:40 26°**Ⅲ**31'39 1°36'13 superior conj minimum elong -761 Jul 14 j 07:57 12°9514'55 1°45'19 -760 Jun 28 j 21:57 0ಂತಾ minimum elong 4°935'59 -761 Jul 19 j 16:17 22°5044'14 1.36693 AU max. Earth dist. -760 Jul 01 j 04:13 1.35082 AU max. Earth dist. evening rise -761 Jul 23 j 14:31 0°Ω04'06 evening rise -760 Jul 05 j 15:02 13°9519'52 -761 Jul 23 j 13:37  $0^{\circ}\Omega$ -760 Jul 14 j 21:46  $0^{\circ}\Omega$ desc. node -761 Aug 08 j 23:47 27°**Ω**11′28 desc. node -760 Jul 25 j 20:47 17°**Ω**04'14 -761 Aug 10 j 21:29 0° m -760 Aug 04 j 19:03 0° m -761 Aug 28 j 10:18 21° m 54'49 25°49'42 -760 Aug 09 j 22:06 5° m 28'13 26°46'01 evening max el evening max el -761 Sep 09 j 18:51 -760 Aug 22 j 22:59 retrograde  $28^{\circ}$  **m** 59'02retrograde 12° m/44'40 -761 Sep 15 j 22:36 -760 Aug 29 j 15:44 evening set 26° m 23'13 evening set 9° m 59'49 -761 Sep 20 j 05:31 21° Mp 41'41 0.66718 AU 5° Mp 55'36 0.65763 AU min. Earth dist. min. Earth dist. -760 Sep 02 j 15:15 inferior conj -761 Sep 21 j 11:38 20° m 06'08 -1°27'21 inferior conj -760 Sep 04 j 09:31  $3^{\circ}$  **m**  $50'32 - 2^{\circ}22'03$ minimum elong -761 Sep 21 j 13:49 19° m 59'12 1°26'28 minimum elong -760 Sep 04 j 13:01 3° m/40'11 2°20'46

-760 Sep 07 j 22:14

-760 Sep 10 j 10:46

-760 Sep 11 j 15:48

-760 Sep 13 j 08:33

morning rise

asc. node

direct

30°R€

28°**Ω**07'56

27°**£**36′56

27°**Ω**20'49

asc. node

morning rise

morning max el

-761 Sep 25 j 18:46

-761 Sep 27 j 05:16

-761 Sep 30 j 11:10

-761 Oct 07 j 12:03

15° Mp 16'17

14° **m**) 11'37

13° m 10'53

17° Mp 09'07 19°10'10

| Attention astronom   | nical year style is used: The  | ne vear -900 in   | astronomical cou   | inting style is the year $9$   |  |  |                                  |
|--|--|---|--|--|--|--|----------------------------------|
| 7 ttention, astronom   | -760 Sep 18 j 22:42  | 0°Mb  | ustronomical cot   | direct   | -759 Aug 28 j 02:32  | 11° <b>Ω</b> 22'10   |                                  |
| morning max el   | -760 Sep 19 j 23:49  | 0° Mp 59'45   | 18°27'25   | asc. node  | -759 Aug 29 j 12:52  | 11°Ω32'51  |                                  |
| morning set  | -760 Oct 09 j 16:55  | 0° <b>₽</b> 13'47   | 10 27 23   | morning max el   | -759 Sep 03 j 14:46  | • • • •  | 18°01'39                         |
| morning set  | -760 Oct 09 j 13:31  | 0° <b>⊡</b>   |  | morning max cr   | -759 Sep 14 j 07:11  | 0° m)  | 10 01 37                         |
| desc. node   | -760 Oct 21 j 20:10  | 0 <b>—</b><br>19° <b>Ω</b> 39'08  |  | morning set  | -759 Sep 21 j 03:59  | 11° Mp 34'00   |                                  |
| desc. node   | -700 Oct 21 j 20.10  | 19 = 39 08  |  | morning set  | -759 Oct 02 j 05:45  | 0∘ <b>⊽</b>  |                                  |
| superior conj  | -760 Oct 25 j 02:15  | 24° <b>≏</b> 47'20  | 0°21'08  |  | -739 Oct 02 j 03.43  | 0 ==   |                                  |
| minimum elong  | -760 Oct 24 j 23:27  | 24° <b>Ω</b> 36'20  |  | superior conj  | -759 Oct 04 j 12:57  | 3° <b>₽</b> 43'45  | 0°27'13                          |
| max. Earth dist.   | -760 Oct 26 j 11:34  | 24° <b>⊆</b> 58'30  | 1.44989 AU   | minimum elong  | -759 Oct 04 j 16:03  | 3° <b>2</b> 56'15  | 0°26'48                          |
| max. Earth dist.   | -760 Oct 28 j 09:45  | 20 <b>=</b> 3830  | 1.44909 AU   | desc. node   | -759 Oct 04 j 10:03  | 10° <b>£</b> 25′03   | 0 20 48                          |
| evening rise   | -760 Nov 10 j 08:37  | 20°M21'25   |  | max. Earth dist.   | -759 Oct 09 j 05:57  |  | 1.44512 AU                       |
| evening rise   | -760 Nov 16 j 11:27  | 20 IIG21 23<br>0° <b>√</b>  |  | evening rise   | -759 Oct 20 j 22:07  | 29° <b>£</b> 30'12   | 1.44312 AU                       |
| greatest brilliancy  | -760 Nov 20 j 06:16  | 5° <b>∡</b> 755'18  | -0.8m  | evening rise   | -759 Oct 20 j 22:07  | 0°M  |                                  |
| evening max el   | -760 Dec 03 j 06:29  | 23° <b>х</b> 56'01  | 19°13'16   | greatest brilliancy  | -759 Nov 03 j 22:18  | 20°M46'47  | -0.6m                            |
| asc. node  | -760 Dec 08 j 15:04  | 27° 🖈 42'25   | 17 13 10   | greatest of financy  | -759 Nov 10 j 09:26  | 20 11 <b>0</b> <del>-</del> 7  | -0.0111                          |
| retrograde   | -760 Dec 10 j 07:27  | 27° 🖈 58'11   |  | evening max el   | -759 Nov 16 j 11:24  | 7° <b>∡</b> ¹23'57   | 20°08'06                         |
| evening set  | -760 Dec 13 j 15:13  | 26° × 53'53   |  | retrograde   | -759 Nov 24 j 04:54  | 11° <b>x</b> <sup>7</sup> 56'05  | 20 00 00                         |
| inferior conj  | -760 Dec 19 j 06:08  | 20 × 33 35<br>21°× 703'05   | 3°05'39  | asc. node  | -759 Nov 25 j 12:07  | 11° <b>x</b> 30°03   |                                  |
| minimum elong  | -760 Dec 19 j 03:18  | 21°× 03'03  | 3°04'55  | evening set  | -759 Nov 27 j 21:01  | 10° <b>×</b> 37'37   |                                  |
| min. Earth dist.   | -760 Dec 20 j 15:10  | 19° <b>₹</b> 17'56  | 0.65935 AU   | inferior conj  | -759 Dec 03 j 08:01  | 4° <b>×</b> <sup>3</sup> 737'50  | 2027136                          |
| morning rise   | -760 Dec 24 j 15:07  | 14° 🖈 1730  | 0.03933 AO   | minimum elong  | -759 Dec 03 j 05:17  | 4° ×7' 43'00   |                                  |
| direct   | -760 Dec 31 j 00:27  | 12° <b>×</b> <sup>7</sup> 04'12   |  | min. Earth dist.   | -759 Dec 04 j 03:48  |  | 0.66846 AU                       |
| morning max el   | -759 Jan 12 j 16:57  | 12 <b>x</b> 04 12<br>19° <b>x</b> 32'42   | 26°18'15   | min. Latui dist.   | -759 Dec 04 j 03.48  | 30°RM  | 0.00640 AU                       |
| desc. node   | -759 Jan 17 j 19:22  | 25° 🖈 10'49   | 20 10 13   | morning rise   | -759 Dec 08 j 13:23  | 28°M20'47  |                                  |
| desc. flode  | -759 Jan 21 j 15:56  | 23 <b>メ</b> ・1049<br>0°る  |  | direct   | -759 Dec 14 j 08:42  | 25°M46'52  |                                  |
|  | -759 Feb 10 j 10:58  | 0°≈   |  | direct   | -759 Dec 23 j 02:55  | 25 11 <b>6</b> 40 52<br>0° <b>√</b> 1  |                                  |
| morning sat  | •  | 0 ≈<br>13°≈15'31  |  | morning may al   |  |  | 25°01'21                         |
| morning set  | -759 Feb 17 j 20:25  | 13 ≈1331<br>21°≈02'29   | 1.35159 AU   | morning max el desc. node  | -759 Dec 26 j 01:34  | 2 <b>x</b> ·44 33<br>14° <b>x</b> 06′01  | 23 01 21                         |
| max. Earth dist.   | -759 Feb 21 j 21:55<br>-759 Feb 26 j 09:23   | 21 <b>≈</b> 02 29<br>0° <b>∺</b>  | 1.55159 AU   | desc. node   | -758 Jan 04 j 16:26<br>-758 Jan 15 j 20:27   | 14 x・06 01<br>0°る  |                                  |
|  | -739 Feb 20 J 09.23  | υ χ   |  | marning got  | -758 Jan 31 j 06:19  | 0 8<br>25° <b>る</b> 25'14  |                                  |
| superior conj  | -759 Feb 26 j 17:42  | 0° <b>)</b> 42′25   | 1014'54  | morning set  | -758 Feb 02 j 19:06  | 23 <b>6</b> 23 14<br>0° <b>≈</b>   |                                  |
| minimum elong  | -759 Feb 26 j 21:02  | 0° <b>X</b> 4223  |  | max. Earth dist.   | -758 Feb 02 j 19:00<br>-758 Feb 03 j 22:36   | 0 ≈<br>2°≈06'43  | 1.36923 AU                       |
| evening rise   | -759 Mar 06 j 11:06  | 16° <b>)</b> 41'44  | 1 1422   | max. Earth dist.   | -736 FC0 03 j 22.30  | 2 ~00 43   | 1.30923 AU                       |
| asc. node  | -759 Mar 06 j 14:22  | 16° <b>)</b> 58'34  |  | superior conj  | -758 Feb 10 j 06:12  | 14° <b>≈</b> 11'10   | -1°37'02                         |
| asc. node  | -759 Mar 13 j 06:01  | 0°Υ   |  | minimum elong  | -758 Feb 10 j 09:56  | 14°≈29'28  |                                  |
| evening max el   | -759 Mar 25 j 04:22  | 16° <b>Υ</b> 56'18  | 20°37'31   | minimum clong  | -758 Feb 18 j 03:41  | 0° <b>∀</b>  | 1 3037                           |
| retrograde   | -759 Apr 05 j 06:26  | 22° <b>Υ</b> 15'54  | 20 37 31   | evening rise   | -758 Feb 18 j 14:10  | 0° <b>¥</b> 52'35  |                                  |
| evening set  | -759 Apr 07 j 10:56  | 22° <b>Υ</b> '04'19   |  | asc. node  | -758 Feb 21 j 11:26  | 6° <b>∺</b> 36′00  |                                  |
| desc. node   | -759 Apr 15 j 18:30  | 18° <b>Y</b> 36'12  |  | evening max el   | -758 Mar 07 j 18:28  | 28° <b>\(\)</b> 39'16  | 19°30'25                         |
| inferior conj  | -759 Apr 16 j 14:55  | 18° <b>Υ</b> 06'54  | -0°14'34   | evening max er   | -758 Mar 09 j 07:01  | 0°Υ  | 17 30 23                         |
| minimum elong  | -759 Apr 16 j 14:14  | 18° <b>Υ</b> 07'53  | 0°14'18  | retrograde   | -758 Mar 17 j 03:41  | 3° <b>Υ</b> 09'08  |                                  |
| transit middle   | -759 Apr 16 j 14:14  | 18° <b>Y</b> 07'53  | 0°14'18  | evening set  | -758 Mar 19 j 08:13  | 2° <b>Υ</b> '55'32   |                                  |
| transit begin  | -759 Apr 16 j 12:28  | 18° <b>Υ</b> 10'25  | 0 1110   | evening sec  | -758 Mar 25 j 23:30  | 30° <b>Ŗ</b> ₩   |                                  |
| transit end  | -759 Apr 16 j 16:00  | 18° <b>Υ</b> 05'20  |  | inferior conj  | -758 Mar 27 j 19:53  | 28° <b>)</b> 49'52   | 1°35'39                          |
| min. Earth dist.   | -759 Apr 17 j 20:45  | 17° <b>Υ</b> 23'55  | 0.55158 AU   | minimum elong  | -758 Mar 27 j 23:33  | 28° <b>)</b> 43'56   | 1°34'28                          |
| morning rise   | -759 Apr 25 j 16:28  | 13° <b>Y</b> 53'57  |  | min. Earth dist.   | -758 Mar 30 j 11:16  | 27° <b>¥</b> 08'12   | 0.56107 AU                       |
| direct   | -759 Apr 29 j 04:14  | 13° <b>Y</b> 27'33  |  | desc. node   | 3  |  |                                  |
| morning max el   |  |   |  | desc. Hode   | -758 Apr 02 i 15:34  | 25° <b>H</b> 19'00   |                                  |
| 8  | -759 May 12 i 11:10  | 19° <b>Y</b> ′54′52   | 23°06'56   |  | -758 Apr 02 j 15:34<br>-758 Apr 05 j 12:16   | 25° <b> ∺</b> 19'00<br>24° <b>∺</b> 06'22  |                                  |
|  | -759 May 12 j 11:10<br>-759 May 20 j 21:38   | 19° <b>か</b> 54'52<br>0° <b>と</b>   | 23°06'56   | morning rise   | -758 Apr 05 j 12:16  | 24° <b>∺</b> 06′22   |                                  |
| asc. node  | -759 May 20 j 21:38  | 0° <b>8</b>   | 23°06'56   |  | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28   | 24° <b>)</b> €06′22<br>23° <b>)</b> €20′28   |                                  |
| asc. node  | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39   | 0° <b>ප</b><br>22° <b>ප</b> 22'37   | 23°06'56   | morning rise<br>direct   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43  | 24°₩06'22<br>23°₩20'28<br>0° <b>Υ</b>  | 24°47'07                         |
| asc. node<br>morning set   | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03  | 0°8<br>22°822'37<br>26°812'33   | 23°06'56   | morning rise   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17   | 24°₩06'22<br>23°₩20'28<br>0°Ψ<br>0°Ψ27'16  | 24°47'07                         |
|  | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39   | 0° <b>ප</b><br>22° <b>ප</b> 22'37   | 23°06'56   | morning rise<br>direct<br>morning max el   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47  | 24°¥06'22<br>23°¥20'28<br>0°Υ<br>0°Υ27'16<br>0°8   | 24°47'07                         |
| morning set  | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07   | 0° <b>8</b><br>22° <b>8</b> 22'37<br>26° <b>8</b> 12'33<br>0°П  |  | morning rise direct morning max el morning set   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08   | 24°¥06′22<br>23°¥20′28<br>0°°Y<br>0°Y27′16<br>0°℧<br>11°℧12′38   | 24°47'07                         |
| morning set  | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02  | 0° <b>8</b><br>22° <b>8</b> 22'37<br>26° <b>8</b> 12'33<br>0° <b>П</b><br>11° <b>П</b> 25'07  | 1°22'05  | morning rise<br>direct<br>morning max el   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47  | 24°¥06'22<br>23°¥20'28<br>0°Υ<br>0°Υ27'16<br>0°8   | 24°47'07                         |
| morning set superior conj minimum elong  | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30   | 0° <b>8</b> 22° <b>8</b> 22'37 26° <b>8</b> 12'33 0° <b>П</b> 11° <b>П</b> 25'07 11° <b>П</b> 11'38   | 1°22'05<br>1°21'46   | morning rise direct morning max el morning set asc. node   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43  | 24°¥06′22<br>23°¥20′28<br>0°Y<br>0°Y27′16<br>0°℧<br>11°℧12′38<br>12°℧19′02   |                                  |
| morning set  | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30<br>-759 Jun 14 j 02:05  | 0° <b>8</b><br>22° <b>8</b> 22'37<br>26° <b>8</b> 12'33<br>0° <b>П</b><br>11° <b>П</b> 25'07  | 1°22'05  | morning rise direct  morning max el  morning set asc. node  superior conj  | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43  | 24°¥06′22<br>23°¥20′28<br>0°°Y<br>0°Y27′16<br>0°℧<br>11°℧12′38   | 24°47'07<br>1°03'38<br>1°03'14   |
| superior conj<br>minimum elong<br>max. Earth dist.   | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30   | 0° <b>8</b> 22° <b>8</b> 22'37 26° <b>8</b> 12'33 0° <b>П</b> 11° <b>П</b> 25'07 11° <b>П</b> 11'38 16° <b>П</b> 48'37 27° <b>П</b> 15'59                           | 1°22'05<br>1°21'46   | morning rise direct morning max el morning set asc. node   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00  | 24°¥06'22<br>23°¥20'28<br>0°Y°<br>0°Y27'16<br>0°8<br>11°812'38<br>12°819'02<br>26°819'59   | 1°03'38                          |
| superior conj<br>minimum elong<br>max. Earth dist.   | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30<br>-759 Jun 14 j 02:05<br>-759 Jun 19 j 04:50<br>-759 Jun 20 j 14:14  | 0°8<br>22°822'37<br>26°812'33<br>0°П<br>11°П25'07<br>11°П11'38<br>16°П48'37<br>27°П15'59<br>0°9   | 1°22'05<br>1°21'46   | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong  | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 08:26   | 24°¥06'22<br>23°¥20'28<br>0°Y°<br>0°Y27'16<br>0°℧<br>11°℧12'38<br>12°℧19'02<br>26°℧19'59<br>26°℧07'15<br>29°℧24'47   | 1°03'38<br>1°03'14               |
| superior conj<br>minimum elong<br>max. Earth dist.   | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30<br>-759 Jun 14 j 02:05<br>-759 Jun 19 j 04:50<br>-759 Jun 20 j 14:14<br>-759 Jul 08 j 04:11   | 0°8 22°822'37 26°812'33 0°Ⅱ 11°Ⅲ25'07 11°Ⅲ11'38 16°Ⅲ48'37 27°Ⅲ15'59 0°ᢒ 0°௳   | 1°22'05<br>1°21'46   | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 08:26<br>-758 May 28 j 14:58  | 24° ¥06'22<br>23° ¥20'28<br>0° Ψ<br>0° Ψ27'16<br>0° ℧<br>11° ℧12'38<br>12° ℧19'02<br>26° ℧19'59<br>26° ℧07'15<br>29° ℧24'47<br>0° Ⅱ  | 1°03'38<br>1°03'14               |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise   | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30<br>-759 Jun 14 j 02:05<br>-759 Jun 19 j 04:50<br>-759 Jun 20 j 14:14<br>-759 Jul 08 j 04:11<br>-759 Jul 12 j 17:49  | 0°8<br>22°822'37<br>26°812'33<br>0°П<br>11°П25'07<br>11°П11'38<br>16°П48'37<br>27°П15'59<br>0°9   | 1°22'05<br>1°21'46<br>1.33848 AU                                       | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong  | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 08:26<br>-758 May 28 j 14:58<br>-758 Jun 03 j 04:07   | 24°¥06'22<br>23°¥20'28<br>0°Y°<br>0°Y27'16<br>0°℧<br>11°℧12'38<br>12°℧19'02<br>26°℧19'59<br>26°℧07'15<br>29°℧24'47   | 1°03'38<br>1°03'14               |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el   | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30<br>-759 Jun 14 j 02:05<br>-759 Jun 19 j 04:50<br>-759 Jun 20 j 14:14<br>-759 Jul 08 j 04:11<br>-759 Jul 12 j 17:49<br>-759 Jul 23 j 09:46   | 0°8 22°822'37 26°812'33 0° II 11° II 25'07 11° II 11'38 16° II 48'37 27° II 15'59 0° II 0° II 6° II 25'09 18° II 48'55  | 1°22'05<br>1°21'46<br>1.33848 AU                                       | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.   | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 08:26<br>-758 May 28 j 14:58  | 24° ¥.06′22<br>23° ¥.20′28<br>0° Υ<br>0° Υ 27′16<br>0° ℧<br>11° ℧ 12′38<br>12° ℧ 19′02<br>26° ℧ 19′59<br>26° ℧ 07′15<br>29° ℧ 24′47<br>0° Ⅲ<br>11° Ⅲ 40′55   | 1°03'38<br>1°03'14               |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise   | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30<br>-759 Jun 14 j 02:05<br>-759 Jun 19 j 04:50<br>-759 Jun 20 j 14:14<br>-759 Jul 08 j 04:11<br>-759 Jul 12 j 17:49<br>-759 Jul 23 j 09:46<br>-759 Aug 05 j 21:21                        | 0°8 22°822'37 26°812'33 0°Ⅱ 11°Ⅲ25'07 11°Ⅲ11'38 16°Ⅲ48'37 27°Ⅲ15'59 0°፡፡ 0°፡፡ 0°፡፡ 0°፡፡ 6°•Ω25'09   | 1°22'05<br>1°21'46<br>1.33848 AU                                       | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.  evening rise                                       | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 08:26<br>-758 May 28 j 14:58<br>-758 Jun 03 j 04:07<br>-758 Jun 12 j 19:34<br>-758 Jun 29 j 14:50   | 24° χ06'22<br>23° χ20'28<br>0° Υ<br>0° Υ27'16<br>0° ႘<br>11° ႘12'38<br>12° ႘19'02<br>26° ႘19'59<br>26° ႘07'15<br>29° ႘24'47<br>0° Π<br>11° Π40'55<br>0° ©  | 1°03'38<br>1°03'14               |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde   | -759 May 20 j 21:38<br>-759 Jun 02 j 13:39<br>-759 Jun 04 j 10:03<br>-759 Jun 06 j 05:07<br>-759 Jun 11 j 13:02<br>-759 Jun 11 j 10:30<br>-759 Jun 14 j 02:05<br>-759 Jun 19 j 04:50<br>-759 Jun 20 j 14:14<br>-759 Jul 08 j 04:11<br>-759 Jul 12 j 17:49<br>-759 Jul 23 j 09:46<br>-759 Aug 05 j 21:21<br>-759 Aug 12 j 23:27 | 0°8 22°822'37 26°812'33 0° II  11° II 25'07 11° II 11'38 16° II 48'37 27° II 15'59 0° © 0° Ω 6° Ω 25'09 18° Ω 48'55 26° Ω 08'47                                     | 1°22'05<br>1°21'46<br>1.33848 AU                                       | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.  evening rise  desc. node                           | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 08:26<br>-758 Jun 03 j 04:07<br>-758 Jun 12 j 19:34<br>-758 Jun 29 j 14:50<br>-758 Jul 04 j 01:16   | 24°¥06'22<br>23°¥20'28<br>0°Y°<br>0°Y27'16<br>0°8<br>11°812'38<br>12°819'02<br>26°819'59<br>26°807'15<br>29°824'47<br>0°Ⅲ<br>11°Ⅲ40'55<br>0°<br>25°©00'57  | 1°03'38<br>1°03'14<br>1.32994 AU |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set                                      | -759 May 20 j 21:38 -759 Jun 02 j 13:39 -759 Jun 04 j 10:03 -759 Jun 06 j 05:07  -759 Jun 11 j 13:02 -759 Jun 11 j 10:30 -759 Jun 14 j 02:05 -759 Jun 19 j 04:50 -759 Jun 20 j 14:14 -759 Jul 08 j 04:11 -759 Jul 12 j 17:49 -759 Jul 23 j 09:46 -759 Aug 05 j 21:21 -759 Aug 12 j 23:27 -759 Aug 16 j 16:42                   | 0°8 22°822'37 26°812'33 0° II  11° II 25'07 11° II 11'38 16° II 48'37 27° II 15'59 0° © 0° Ω 6° Ω 25'09 18° Ω 48'55 26° Ω 08'47 23° Ω 24'10                         | 1°22'05<br>1°21'46<br>1.33848 AU<br>27°19'15                           | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.  evening rise desc. node  evening max el            | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 14:58<br>-758 Jun 03 j 04:07<br>-758 Jun 12 j 19:34<br>-758 Jun 29 j 14:50<br>-758 Jul 04 j 01:16<br>-758 Jul 05 j 19:10                        | 24° ★06′22<br>23° ★20′28<br>0° ♀<br>0° ♀<br>10° ¥<br>11° ₺12′38<br>12° ₺19′02<br>26° ₺19′59<br>26° ₺07′15<br>29° ₺24′47<br>0° Ⅱ<br>11° Ⅱ40′55<br>0° \$<br>25° \$00′57<br>0° \$                                   | 1°03'38<br>1°03'14<br>1.32994 AU |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj | -759 May 20 j 21:38 -759 Jun 02 j 13:39 -759 Jun 04 j 10:03 -759 Jun 06 j 05:07  -759 Jun 11 j 13:02 -759 Jun 11 j 10:30 -759 Jun 14 j 02:05 -759 Jun 19 j 04:50 -759 Jun 20 j 14:14 -759 Jul 08 j 04:11 -759 Jul 23 j 09:46 -759 Aug 05 j 21:21 -759 Aug 12 j 23:27 -759 Aug 16 j 16:42 -759 Aug 19 j 00:07                   | 0°8 22°822'37 26°812'33 0° II  11° II 25'07 11° II 11'38 16° II 48'37 27° II 15'59 0° © 0° Ω 6° Ω 25'09 18° Ω 48'55 26° Ω 08'47 23° Ω 24'10 19° Ω 56'04             | 1°22'05<br>1°21'46<br>1.33848 AU<br>27°19'15<br>0.64447 AU<br>-3°13'29 | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.  evening rise desc. node  evening max el retrograde | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 08:26<br>-758 Jun 03 j 04:07<br>-758 Jun 12 j 19:34<br>-758 Jun 29 j 14:50<br>-758 Jul 04 j 01:16<br>-758 Jul 05 j 19:10<br>-758 Jul 19 j 13:28 | 24° ★06′22<br>23° ★20′28<br>0° ♀<br>0° ♀<br>11° ℧12′38<br>12° ℧19′02<br>26° ℧19′59<br>26° ℧07′15<br>29° ℧24′47<br>0° Ⅱ<br>11° Ⅱ40′55<br>0° 孁<br>25° ໑00′57<br>0° Ω<br>1° Ω44′00                                  | 1°03'38<br>1°03'14<br>1.32994 AU |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.                  | -759 May 20 j 21:38 -759 Jun 02 j 13:39 -759 Jun 04 j 10:03 -759 Jun 06 j 05:07  -759 Jun 11 j 13:02 -759 Jun 11 j 10:30 -759 Jun 14 j 02:05 -759 Jun 19 j 04:50 -759 Jun 20 j 14:14 -759 Jul 08 j 04:11 -759 Jul 12 j 17:49 -759 Jul 23 j 09:46 -759 Aug 05 j 21:21 -759 Aug 12 j 23:27 -759 Aug 16 j 16:42                   | 0°8 22°822'37 26°812'33 0° II  11° II 25'07 11° II 11'38 16° II 48'37 27° II 15'59 0° © 0° Ω 6° Ω 25'09 18° Ω 48'55 26° Ω 08'47 23° Ω 24'10 19° Ω 56'04 17° Ω 26'22 | 1°22'05<br>1°21'46<br>1.33848 AU<br>27°19'15<br>0.64447 AU<br>-3°13'29 | morning rise direct  morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.  evening rise desc. node  evening max el            | -758 Apr 05 j 12:16<br>-758 Apr 10 j 00:28<br>-758 Apr 23 j 14:43<br>-758 Apr 24 j 02:17<br>-758 May 14 j 08:47<br>-758 May 19 j 22:08<br>-758 May 20 j 10:43<br>-758 May 26 j 22:20<br>-758 May 26 j 20:00<br>-758 May 28 j 14:58<br>-758 Jun 03 j 04:07<br>-758 Jun 12 j 19:34<br>-758 Jun 29 j 14:50<br>-758 Jul 04 j 01:16<br>-758 Jul 05 j 19:10                        | 24° ★06′22<br>23° ★20′28<br>0° ↑ ° ° ° ° ° ° ° 11° ♥ 12′38<br>12° ♥ 19′02<br>26° ♥ 19′59<br>26° ♥ 07′15<br>29° ♥ 24′47<br>0° ¶ 11° ¶ 40′55<br>0° © 25° © 00′57<br>0° \$ 0 ° \$ 03′03<br>6° \$ 03′03 6° \$ 03′053 | 1°03'38<br>1°03'14<br>1.32994 AU |

| Attention astronom  | ical year style is used: The  | he vear -900 in  | astronomical cou   | nting style is the year  | 901 BCE in historical cou   | inting style.   |   |
|---|---|--|--|--|---|---|---|
| inferior conj   | -758 Aug 02 j 04:39   | 0° <b>Ω</b> 47'33  |  | minimum elong  | -757 Jul 15 j 22:42   | 13° <b>©</b> 38'56  | 4°29'30   |
| minimum elong   | -758 Aug 02 j 09:07   | 0° <b>Ω</b> 36'44  |  | morning rise   | -757 Jul 23 j 03:14   | 8°958'24  |   |
| 8   | -758 Aug 03 j 00:25   | 30°Rூ  |  | direct   | -757 Jul 25 j 14:58   | 8° <b>©</b> 33'57   |   |
| morning rise  | -758 Aug 09 j 01:08   | 25°539'06  |  | morning max el   | -757 Aug 01 j 19:10   | 12° <b>©</b> 05'42  | 18°04'45  |
| direct  | -758 Aug 11 j 14:00   | 25° <b>©</b> 09'28   |  | asc. node  | -757 Aug 03 j 07:00   | 13°5940'03  |   |
| asc. node   | -758 Aug 16 j 09:56   | 26°\$58'44   |  |  | -757 Aug 13 j 18:45   | $0^{\circ}\Omega$   |   |
| morning max el  | -758 Aug 18 j 06:13   | 28° <b>©</b> 34'33   | 17°53'44   | morning set  | -757 Aug 17 j 17:13   | 7° <b>Ω</b> 15'32   |   |
|   | -758 Aug 19 j 14:17   | $0^{\circ}\Omega$  |  |  |   |   |   |
| morning set   | -758 Sep 03 j 14:02   | 24° <b>Ω</b> 00'04   |  | superior conj  | -757 Aug 27 j 16:02   | 25° <b>Ω</b> 28'39  | 1°31'35   |
|   | -758 Sep 06 j 23:18   | O° Mp  |  | minimum elong  | -757 Aug 27 j 20:02   | 25° <b>Ω</b> 46′25  | 1°31'15   |
|   |   |  |  |  | -757 Aug 30 j 05:44   | O° My   |   |
| superior conj   | -758 Sep 15 j 00:59   | 13° Mp 56'03   | 1°06'02  | max. Earth dist.   | -757 Sep 04 j 06:33   | 8° Mp 35'42   | 1.41702 AU  |
| minimum elong   | -758 Sep 15 j 06:08   | 14° Mp 17'47   | 1°05'26  | evening rise   | -757 Sep 09 j 22:19   | 17° <b>m</b> 51'52  |   |
| max. Earth dist.  | -758 Sep 21 j 21:07   | 25° Mp 14'01   | 1.43366 AU   | desc. node   | -757 Sep 12 j 11:12   | 21°M 53'59  |   |
|   | -758 Sep 24 j 20:20   | 0∘ <b>ত</b>  |  |  | -757 Sep 17 j 16:40   | 0∘ <b>ত</b>   |   |
| desc. node  | -758 Sep 25 j 14:12   | 1° <b>≏</b> 11'04  |  |  | -757 Oct 09 j 05:48   | 0°M   |   |
| evening rise  | -758 Sep 30 j 04:35   | 8° <b>≏</b> 24'28  |  | evening max el   | -757 Oct 13 j 03:52   | 4° <b>M</b> 19'49   | 22°32'36  |
|   | -758 Oct 14 j 12:30   | 0°M₊   |  | retrograde   | -757 Oct 22 j 21:29   | 10° <b>M</b> 07'07  |   |
| evening max el  | -758 Oct 30 j 10:30   | 20°M51'35  | 21°15'50   | evening set  | -757 Oct 27 j 12:12   | 8°M14'55  |   |
| retrograde  | -758 Nov 08 j 02:09   | 25°M59'58  |  | asc. node  | -757 Oct 30 j 06:14   | 5°M22'32  |   |
| evening set   | -758 Nov 12 j 04:35   | 24°M25'22  |  | inferior conj  | -757 Nov 01 j 20:20   | 1°M55'30  | 0°53'00   |
| asc. node   | -758 Nov 12 j 09:11   | 24°M16'15  |  | minimum elong  | -757 Nov 01 j 19:07   | 1° <b>M</b> 59'41   | 0°52'30   |
| inferior conj   | -758 Nov 17 j 13:24   | 18° <b>M</b> 11'55   | 1°42'47  | min. Earth dist.   | -757 Nov 01 j 17:44   | 2°M04'27  | 0.67610 AU  |
| minimum elong   | -758 Nov 17 j 11:15   | 18° <b>M</b> 19'20   | 1°41'58  |  | -757 Nov 03 j 06:07   | 30° <b>₹</b> Ω  |   |
| min. Earth dist.  | -758 Nov 17 j 21:27   | 17° <b>M</b> 44'12   | 0.67394 AU   | morning rise   | -757 Nov 07 j 01:56   | 25° <b>≏</b> 43'39  |   |
| morning rise  | -758 Nov 22 j 17:45   | 11°M58'20  |  | direct   | -757 Nov 11 j 14:59   | 23° <b>≏</b> 52'25  |   |
| direct  | -758 Nov 27 j 21:45   | 9° <b>M</b> 44'46  |  | morning max el   | -757 Nov 20 j 22:31   | 29° <b>≏</b> 22'56  | 22°08'15  |
| morning max el  | -758 Dec 08 j 10:27   |  | 23°34'52   |  | -757 Nov 21 j 12:56   | 0°M   |   |
|   | -758 Dec 19 j 22:28   | 0° <b>∡</b> ″  |  | desc. node   | -757 Dec 09 j 10:31   | 23°M36'25   |   |
| desc. node  | -758 Dec 22 j 13:29   | 3° <b>∡</b> 38′00  |  |  | -757 Dec 13 j 17:22   | 0°⊀   |   |
|   | -757 Jan 08 j 20:49   | 0° <b>ろ</b>  |  | morning set  | -757 Dec 23 j 21:28   | 15° <b>₹</b> 52'46  |   |
| morning set   | -757 Jan 12 j 16:19   | 6° <b>る</b> 21'05  |  | max. Earth dist.   | -757 Dec 29 j 15:38   | 25° <b>₹</b> 20'37  | 1.41070 AU  |
| max. Earth dist.  | -757 Jan 16 j 18:04   | 13° <b>6</b> 22'32   | 1.38978 AU   |  | -756 Jan 01 j 09:34   | 0°ප   |   |
|   | 757 I 24:05:14  | 20255147   | 1052120  |  | -756 Jan 06 j 09:49   | 00=744115   | 2000141   |
| superior conj   | -757 Jan 24 j 05:14   | 26° <b>る</b> 55'47   | -1°53′28   | superior conj  | -/36 Jan U6 1 U9:49   | 8° <b>る</b> 44'15   | -2 00 41  |
|   | 757 1 24:00:00  | 270-200125   | 1052110  |  | -   |   |   |
| minimum elong   | -757 Jan 24 j 08:08   | 27°る09'25  | 1°53'19  | minimum elong  | -756 Jan 06 j 10:04   | 8° <b>る</b> 45'22   |   |
|   | -757 Jan 25 j 20:19   | 0° <b>≈</b>  | 1°53'19  |  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12  | 8° <b>ප්</b> 45'22<br>27° <b>ප්</b> 41'42   |   |
| evening rise  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36  | 0° <b>≈</b><br>14° <b>≈</b> 35'02  | 1°53'19  | minimum elong<br>evening rise  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54   | 8° <b>♂</b> 45'22<br>27° <b>♂</b> 41'42<br>0°≈  |   |
|   | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30   | 0°≈<br>14°≈35'02<br>25°≈51'24  | 1°53'19  | minimum elong<br>evening rise<br>asc. node   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33  | 8°♂45'22<br>27°♂41'42<br>0°≈<br>14°≈37'42   | 2°00'42   |
| evening rise asc. node  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17  | 0°≈<br>14°≈35'02<br>25°≈51'24<br>0°¥   |  | minimum elong<br>evening rise<br>asc. node<br>evening max el   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34   | 8°♂45'22<br>27°♂41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52  |   |
| evening rise<br>asc. node<br>evening max el   | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24   | 0°≈<br>14°≈35'02<br>25°≈51'24<br>0° <del>X</del><br>10° <del>X</del> 57'17   | 1°53'19<br>18°42'53  | minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02  | 8°♂45'22<br>27°♂41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33   | 2°00'42   |
| evening rise<br>asc. node<br>evening max el<br>retrograde   | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11  | 0°≈<br>14°≈35'02<br>25°≈51'24<br>0°¥<br>10°¥57'17<br>14°¥50'10   |  | minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42   | 8° <b>5</b> 45'22<br>27° <b>5</b> 41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30  | 2°00'42<br>18°15'30   |
| evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07   | 0°≈<br>14°≈35'02<br>25°≈51'24<br>0°₩<br>10°₩57'17<br>14°₩50'10<br>14°₩30'55  | 18°42'53   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01  | 8° <b>5</b> 45'22<br>27° <b>5</b> 41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41   | 2°00'42<br>18°15'30<br>3°38'16  |
| evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj   | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02  | 0°≈<br>14°≈35'02<br>25°≈51'24<br>0°₩<br>10°₩57'17<br>14°₩50'10<br>14°₩30'55<br>10°₩07'49   | 18°42'53<br>2°54'42  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28   | 8° <b>5</b> 45'22<br>27° <b>5</b> 41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19  | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59   |
| evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 09 j 00:21   | 0°≈<br>14°≈35'02<br>25°≈51'24<br>0°¥<br>10°¥57'17<br>14°¥50'10<br>14°¥30'55<br>10°¥07'49<br>9°¥59'42   | 18°42'53<br>2°54'42<br>2°53'42   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02  | 8°♂45'22<br>27°♂41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58   | 2°00'42<br>18°15'30<br>3°38'16  |
| evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 09 j 00:21<br>-757 Mar 12 j 04:13  | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27  | 18°42'53<br>2°54'42  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09   | 8°♂45'22<br>27°♂41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26  | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59   |
| evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 09 j 00:21<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44   | 0°≈ 14°≈35'02 25°≈51'24 0° ₩ 10° ₩ 55'17 14° ₩ 50'10 14° ₩ 30'55 10° ₩ 07'49 9° ₩ 59'42 7° ₩ 38'27 4° ₩ 52'40  | 18°42'53<br>2°54'42<br>2°53'42   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54  | 8°545'22<br>27°541'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈29'04   | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59   |
| evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 09 j 00:21<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44<br>-757 Mar 20 j 12:38  | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57  | 18°42'53<br>2°54'42<br>2°53'42   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 06 j 09:41   | 8°545'22<br>27°541'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈29'04<br>14°≈53'17  | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59<br>0.59800 AU                             |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44<br>-757 Mar 20 j 12:38<br>-757 Mar 22 j 10:15  | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56   | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 17 j 15:39   | 8°545'22<br>27°541'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈29'04<br>14°≈53'17<br>22°≈13'48   | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59   |
| evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44<br>-757 Mar 20 j 12:38<br>-757 Mar 22 j 10:15<br>-757 Apr 05 j 18:24   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35   | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 06 j 09:41<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19   | 8°545'22<br>27°541'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈29'04<br>14°≈53'17<br>22°≈13'48<br>0°¥  | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59<br>0.59800 AU                             |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 12 j 04:13<br>-757 Mar 20 j 12:38<br>-757 Mar 22 j 10:15<br>-757 Apr 05 j 18:24<br>-757 Apr 20 j 07:59  | 0°≈ 14°≈35'02 25°≈51'24 0° ₩ 10° ₩ 57'17 14° ₩ 50'10 14° ₩ 30'55 10° ₩ 07'49 9° ₩ 59'42 7° ₩ 38'27 4° ₩ 52'40 3° ₩ 42'57 3° ₩ 33'56 11° ₩ 05'35 0° Ψ   | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 06 j 09:41<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19<br>-756 Apr 12 j 06:36  | 8°545'22<br>27°541'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈53'17<br>22°≈13'48<br>0°¥<br>0°Y  | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59<br>0.59800 AU                             |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44<br>-757 Mar 20 j 12:38<br>-757 Mar 22 j 10:15<br>-757 Apr 05 j 18:24<br>-757 Apr 20 j 07:59<br>-757 May 04 j 09:27   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40   | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 06 j 09:41<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19<br>-756 Apr 12 j 06:36<br>-756 Apr 17 j 18:16   | 8°♂45'22<br>27°♂41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈29'04<br>14°≈53'17<br>22°≈13'48<br>0°♥<br>10°♥57'37   | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59<br>0.59800 AU                             |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set   | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 20 j 12:38<br>-757 Mar 20 j 12:38<br>-757 Apr 05 j 18:24<br>-757 Apr 20 j 07:59<br>-757 May 04 j 09:27<br>-757 May 06 j 04:53   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°♥   | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 06 j 09:41<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19<br>-756 Apr 12 j 06:36  | 8°545'22<br>27°541'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈53'17<br>22°≈13'48<br>0°¥<br>0°Y  | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59<br>0.59800 AU                             |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44<br>-757 Mar 20 j 12:38<br>-757 Mar 22 j 10:15<br>-757 Apr 05 j 18:24<br>-757 Apr 20 j 07:59<br>-757 May 04 j 09:27   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40   | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19<br>-756 Apr 12 j 06:36<br>-756 Apr 17 j 18:16<br>-756 Apr 23 j 04:50   | 8°♂45'22<br>27°♂41'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈29'04<br>14°≈53'17<br>22°≈13'48<br>0°♥<br>10°♥57'37   | 2°00'42<br>18°15'30<br>3°38'16<br>3°37'59<br>0.59800 AU                             |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44<br>-757 Mar 20 j 12:38<br>-757 Mar 22 j 10:15<br>-757 Apr 05 j 18:24<br>-757 Apr 20 j 07:59<br>-757 May 04 j 09:27<br>-757 May 06 j 04:53<br>-757 May 07 j 07:47   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°ℵ 2°ℵ24'48  | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU<br>26°15'38   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node superior conj  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19<br>-756 Apr 12 j 06:36<br>-756 Apr 24 j 21:25  | 8°545'22 27°541'42 0°≈ 14°≈37'42 23°≈43'52 27°≈15'33 26°≈48'30 22°≈04'41 21°≈59'19 19°≈08'58 16°≈26'26 14°≈53'17 22°≈13'48 0°¥ 0°Y 10°Y57'37 22°Y35'31  | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58                             |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44<br>-757 Mar 20 j 12:38<br>-757 Apr 20 j 07:59<br>-757 Apr 20 j 07:59<br>-757 May 04 j 09:27<br>-757 May 07 j 07:47<br>-757 May 11 j 09:42  | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°₩ 2°₩24'48  | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU<br>26°15'38   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node superior conj minimum elong  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 17 j 15:39<br>-756 Apr 12 j 06:36<br>-756 Apr 17 j 18:16<br>-756 Apr 24 j 21:25<br>-756 Apr 24 j 21:25   | 8°545'22<br>27°541'42<br>0°≈<br>14°≈37'42<br>23°≈43'52<br>27°≈15'33<br>26°≈48'30<br>22°≈04'41<br>21°≈59'19<br>19°≈08'58<br>16°≈26'26<br>14°≈53'17<br>22°≈13'48<br>0°¥<br>0°Y<br>10°Y57'37<br>22°Y35'31  | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58  0°17'49 0°17'38            |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  | -757 Jan 25 j 20:19<br>-757 Feb 02 j 09:36<br>-757 Feb 08 j 08:30<br>-757 Feb 10 j 17:17<br>-757 Feb 18 j 18:24<br>-757 Feb 26 j 18:11<br>-757 Mar 01 j 03:07<br>-757 Mar 08 j 20:02<br>-757 Mar 12 j 04:13<br>-757 Mar 16 j 18:44<br>-757 Mar 20 j 12:38<br>-757 Mar 22 j 10:15<br>-757 Apr 05 j 18:24<br>-757 Apr 20 j 07:59<br>-757 May 04 j 09:27<br>-757 May 06 j 04:53<br>-757 May 11 j 09:42<br>-757 May 11 j 07:58  | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°₩ 2°₩24'48 11°₩19'26 11°₩09'56  | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU<br>26°15'38<br>0°41'57<br>0°41'35                   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node superior conj  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19<br>-756 Apr 12 j 06:36<br>-756 Apr 24 j 21:25<br>-756 Apr 24 j 20:37<br>-756 Apr 24 j 08:39  | 8°545'22 27°541'42 0°≈ 14°≈37'42 23°≈43'52 27°≈15'33 26°≈48'30 22°≈04'41 21°≈59'19 19°≈08'58 16°≈26'26 14°≈29'04 14°≈53'17 22°≈13'48 0°¥ 0°Y 10°Y57'37 22°Y35'31 26°Y17'35 26°Y13'14 25°Y07'39  | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58                             |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node superior conj minimum elong max. Earth dist.   | -757 Jan 25 j 20:19 -757 Feb 02 j 09:36 -757 Feb 08 j 08:30 -757 Feb 10 j 17:17 -757 Feb 18 j 18:24 -757 Feb 26 j 18:11 -757 Mar 01 j 03:07 -757 Mar 09 j 00:21 -757 Mar 12 j 04:13 -757 Mar 12 j 04:13 -757 Mar 20 j 12:38 -757 Mar 22 j 10:15 -757 Apr 05 j 18:24 -757 Apr 20 j 07:59 -757 May 04 j 09:27 -757 May 07 j 07:47 -757 May 11 j 09:42 -757 May 11 j 09:42 -757 May 11 j 07:58 -757 May 11 j 19:51   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°₩ 2°₩24'48 11°₩19'26 11°₩09'56 12°₩15'01  | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU<br>26°15'38   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node superior conj minimum elong max. Earth dist.   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 06 j 09:41<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19<br>-756 Apr 12 j 06:36<br>-756 Apr 17 j 18:16<br>-756 Apr 24 j 21:25<br>-756 Apr 24 j 20:37<br>-756 Apr 24 j 08:39<br>-756 Apr 26 j 13:58   | 8°545'22 27°541'42 0°≈ 14°≈37'42 23°≈43'52 27°≈15'33 26°≈48'30 22°≈04'41 21°≈59'19 19°≈08'58 16°≈26'26 14°≈29'04 14°≈53'17 22°≈13'48 0°¥ 0°Y 10°Y57'37 22°Y35'31 26°Y17'35 26°Y13'14 25°Y07'39 0°8  | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58  0°17'49 0°17'38            |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  | -757 Jan 25 j 20:19 -757 Feb 02 j 09:36 -757 Feb 08 j 08:30 -757 Feb 10 j 17:17 -757 Feb 18 j 18:24 -757 Feb 26 j 18:11 -757 Mar 01 j 03:07 -757 Mar 08 j 20:02 -757 Mar 09 j 00:21 -757 Mar 12 j 04:13 -757 Mar 12 j 10:15 -757 Mar 20 j 12:38 -757 Mar 22 j 10:15 -757 Apr 05 j 18:24 -757 Apr 20 j 07:59 -757 May 04 j 09:27 -757 May 07 j 07:47 -757 May 11 j 09:42 -757 May 11 j 09:42 -757 May 11 j 19:51 -757 May 18 j 09:43   | 0°≈ 14°≈35'02 25°≈51'24 0° ₩ 10° ₩ 57'17 14° ₩ 50'10 14° ₩ 30'55 10° ₩ 07'49 9° ₩ 59'42 7° ₩ 38'27 4° ₩ 52'40 3° ₩ 42'57 3° ₩ 33'56 11° ₩ 05'35 0° Ψ 26° Ψ 09'40 0° ੴ 2° ੴ 24'48  11° ੴ 19'26 11° ੴ 09'56 12° ੴ 15'01 26° ੴ 23'36  | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU<br>26°15'38<br>0°41'57<br>0°41'35                   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node superior conj minimum elong  | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 17 j 23:54<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 06 j 09:41<br>-756 Mar 17 j 15:39<br>-756 Apr 12 j 06:36<br>-756 Apr 17 j 18:16<br>-756 Apr 24 j 21:25<br>-756 Apr 24 j 20:37<br>-756 Apr 24 j 08:39<br>-756 Apr 26 j 13:58<br>-756 May 01 j 19:16   | 8°545'22 27°541'42 0°≈ 14°≈37'42 23°≈43'52 27°≈15'33 26°≈48'30 22°≈04'41 21°≈59'19 19°≈08'58 16°≈26'26 14°≈29'04 14°≈53'17 22°≈13'48 0°¥ 0°Y 10°Y57'37 22°Y35'31 26°Y17'35 26°Y13'14 25°Y07'39 0°8 11°816'10  | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58  0°17'49 0°17'38            |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node superior conj minimum elong max. Earth dist.   | -757 Jan 25 j 20:19 -757 Feb 02 j 09:36 -757 Feb 08 j 08:30 -757 Feb 10 j 17:17 -757 Feb 18 j 18:24 -757 Feb 26 j 18:11 -757 Mar 01 j 03:07 -757 Mar 08 j 20:02 -757 Mar 09 j 00:21 -757 Mar 12 j 04:13 -757 Mar 16 j 18:44 -757 Mar 20 j 12:38 -757 Mar 22 j 10:15 -757 Apr 05 j 18:24 -757 Apr 05 j 18:24 -757 Apr 20 j 07:59 -757 May 04 j 09:27 -757 May 07 j 07:47 -757 May 11 j 09:42 -757 May 11 j 09:42 -757 May 11 j 19:51 -757 May 18 j 09:43 -757 May 20 j 03:46   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°₩ 2°₩24'48 11°₩19'26 11°₩09'56 12°₩15'01  | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU<br>26°15'38<br>0°41'57<br>0°41'35                   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node superior conj minimum elong max. Earth dist.   | -756 Jan 06 j 10:04<br>-756 Jan 16 j 18:12<br>-756 Jan 26 j 05:33<br>-756 Feb 02 j 01:34<br>-756 Feb 09 j 03:02<br>-756 Feb 11 j 16:42<br>-756 Feb 18 j 17:01<br>-756 Feb 18 j 19:28<br>-756 Feb 22 j 02:02<br>-756 Feb 25 j 20:09<br>-756 Mar 03 j 08:54<br>-756 Mar 06 j 09:41<br>-756 Mar 17 j 15:39<br>-756 Mar 24 j 12:19<br>-756 Apr 12 j 06:36<br>-756 Apr 17 j 18:16<br>-756 Apr 24 j 20:37<br>-756 Apr 24 j 08:39<br>-756 Apr 24 j 08:39<br>-756 May 01 j 19:16<br>-756 May 11 j 09:54   | 8°545'22 27°541'42 0°≈ 14°≈37'42 23°≈43'52 27°≈15'33 26°≈48'30 22°≈04'41 21°≈59'19 19°≈08'58 16°≈26'26 14°≈29'04 14°≈53'17 22°≈13'48 0°¥ 0°Y 10°Y57'37 22°Y35'31 26°Y17'35 26°Y13'14 25°Y07'39 0°8  | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58  0°17'49 0°17'38 1.32379 AU |
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| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise  desc. node   | -757 Jan 25 j 20:19 -757 Feb 02 j 09:36 -757 Feb 08 j 08:30 -757 Feb 10 j 17:17 -757 Feb 18 j 18:24 -757 Feb 26 j 18:11 -757 Mar 01 j 03:07 -757 Mar 08 j 20:02 -757 Mar 09 j 00:21 -757 Mar 12 j 04:13 -757 Mar 16 j 18:44 -757 Mar 20 j 12:38 -757 Mar 22 j 10:15 -757 Apr 05 j 18:24 -757 Apr 05 j 18:24 -757 Apr 20 j 07:59 -757 May 04 j 09:27 -757 May 07 j 07:47 -757 May 11 j 09:42 -757 May 11 j 09:42 -757 May 11 j 09:43 -757 May 18 j 09:43 -757 May 10 j 03:46 -757 Jun 06 j 09:12 -757 Jun 16 j 11:51   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°₩ 2°₩24'48 11°₩19'26 11°₩09'56 12°₩31'54 14°\$00'19   | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU<br>26°15'38<br>0°41'57<br>0°41'35<br>1.32506 AU     | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise evening max el desc. node           | -756 Jan 06 j 10:04 -756 Jan 16 j 18:12 -756 Jan 17 j 23:54 -756 Jan 26 j 05:33 -756 Feb 02 j 01:34 -756 Feb 09 j 03:02 -756 Feb 11 j 16:42 -756 Feb 18 j 17:01 -756 Feb 18 j 19:28 -756 Feb 22 j 02:02 -756 Feb 25 j 20:09 -756 Mar 03 j 08:54 -756 Mar 06 j 09:41 -756 Mar 17 j 15:39 -756 Mar 24 j 12:19 -756 Apr 12 j 06:36 -756 Apr 17 j 18:16 -756 Apr 24 j 21:25 -756 Apr 24 j 20:37 -756 Apr 24 j 08:39 -756 Apr 24 j 08:39 -756 May 01 j 19:16 -756 May 29 j 21:33 -756 May 29 j 21:33 -756 Jun 02 j 08:53                     | 8°545'22 27°541'42 0°≈ 14°≈37'42 23°≈43'52 27°≈15'33 26°≈48'30 22°≈04'41 21°≈59'19 19°≈08'58 16°≈26'26 14°≈29'04 14°≈53'17 22°≈13'48 0°升 0°Y 10°Y57'37 22°Y35'31 26°Y17'35 26°Y13'14 25°Y07'39 0°℧ 11°℧16'10 0°Ⅱ 25°Ⅱ32'14 28°Ⅱ31'16 0°亞                                      | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58  0°17'49 0°17'38 1.32379 AU |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde                | -757 Jan 25 j 20:19 -757 Feb 02 j 09:36 -757 Feb 08 j 08:30 -757 Feb 10 j 17:17 -757 Feb 18 j 18:24 -757 Feb 26 j 18:11 -757 Mar 01 j 03:07 -757 Mar 08 j 20:02 -757 Mar 09 j 00:21 -757 Mar 12 j 04:13 -757 Mar 16 j 18:44 -757 Mar 20 j 12:38 -757 Mar 22 j 10:15 -757 Apr 05 j 18:24 -757 May 04 j 09:27 -757 May 07 j 07:59 -757 May 07 j 07:47 -757 May 11 j 09:42 -757 May 11 j 09:42 -757 May 11 j 09:42 -757 May 18 j 09:43 -757 May 20 j 03:46 -757 Jun 06 j 09:12 -757 Jun 16 j 11:51 -757 Jun 17 j 23:38 -757 Jul 01 j 22:38 -757 Jul 08 j 19:57 | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°₩ 2°₩24'48 11°₩19'26 11°₩09'56 12°₩31'54 14°\$00'19 21°\$31'54 14°\$00'19 21°\$17'33 19°\$11'54                               | 18°42'53<br>2°54'42<br>2°53'42<br>0.57765 AU<br>26°15'38<br>0°41'57<br>0°41'35<br>1.32506 AU     | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise evening max el desc. node retrograde | -756 Jan 06 j 10:04 -756 Jan 16 j 18:12 -756 Jan 26 j 05:33 -756 Feb 02 j 01:34 -756 Feb 09 j 03:02 -756 Feb 11 j 16:42 -756 Feb 18 j 17:01 -756 Feb 18 j 19:28 -756 Feb 22 j 02:02 -756 Feb 25 j 20:09 -756 Mar 03 j 08:54 -756 Mar 17 j 15:39 -756 Mar 24 j 12:19 -756 Apr 12 j 06:36 -756 Apr 17 j 18:16 -756 Apr 24 j 21:25 -756 Apr 24 j 20:37 -756 Apr 24 j 08:39 -756 May 01 j 19:16 -756 May 11 j 09:54 -756 May 12 j 08:53 -756 Jun 02 j 08:53 -756 Jun 02 j 08:53 -756 Jun 04 j 12:01 -756 Jun 12 j 23:08 -756 Jun 19 j 00:06 | 8°545'22 27°541'42 0°\$ 14°\$37'42 23°\$43'52 27°\$15'33 26°\$48'30 22°\$04'41 21°\$59'19 19°\$08'58 16°\$26'26 14°\$29'04 14°\$53'17 22°\$13'48 0°\$\$ 0°\$\$10°\$57'37 22°\$735'31 26°\$13'14 25°\$707'39 0°\$\$ 11°\$16'10 0°\$\$ 25°\$132'14 28°\$131'16 0°\$\$ 2°\$45'32 | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58  0°17'49 0°17'38 1.32379 AU |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set  asc. node  superior conj minimum elong max. Earth dist. evening rise  desc. node evening max el retrograde evening set | -757 Jan 25 j 20:19 -757 Feb 02 j 09:36 -757 Feb 08 j 08:30 -757 Feb 10 j 17:17 -757 Feb 18 j 18:24 -757 Feb 18 j 18:24 -757 Feb 26 j 18:11 -757 Mar 01 j 03:07 -757 Mar 08 j 20:02 -757 Mar 09 j 00:21 -757 Mar 12 j 04:13 -757 Mar 20 j 12:38 -757 Mar 20 j 12:38 -757 Mar 20 j 07:59 -757 Apr 05 j 18:24 -757 Apr 05 j 18:24 -757 Apr 05 j 18:24 -757 May 04 j 09:27 -757 May 07 j 07:59 -757 May 07 j 07:47 -757 May 11 j 09:42 -757 May 11 j 19:51 -757 May 18 j 09:43 -757 May 20 j 03:46 -757 Jun 06 j 09:12 -757 Jun 16 j 11:51 -757 Jun 17 j 23:38 -757 Jul 01 j 22:38   | 0°≈ 14°≈35'02 25°≈51'24 0°₩ 10°₩57'17 14°₩50'10 14°₩30'55 10°₩07'49 9°₩59'42 7°₩38'27 4°₩52'40 3°₩42'57 3°₩33'56 11°₩05'35 0°Ψ 26°Ψ09'40 0°₩ 2°₩24'48 11°₩19'26 11°₩09'56 12°₩31'54 14°\$00'19 21°\$31'54 14°\$00'19 21°\$17'33 19°\$11'54                               | 18°42'53  2°54'42 2°53'42 0.57765 AU  26°15'38  0°41'57 0°41'35 1.32506 AU  26°54'28  0.60825 AU | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise evening max el desc. node retrograde | -756 Jan 06 j 10:04 -756 Jan 16 j 18:12 -756 Jan 26 j 05:33 -756 Feb 02 j 01:34 -756 Feb 09 j 03:02 -756 Feb 11 j 16:42 -756 Feb 18 j 17:01 -756 Feb 18 j 19:28 -756 Feb 22 j 02:02 -756 Feb 25 j 20:09 -756 Mar 03 j 08:54 -756 Mar 06 j 09:41 -756 Mar 17 j 15:39 -756 Mar 24 j 12:19 -756 Apr 12 j 06:36 -756 Apr 17 j 18:16 -756 Apr 24 j 21:25 -756 Apr 24 j 20:37 -756 Apr 24 j 08:39 -756 May 01 j 19:16 -756 May 11 j 09:54 -756 May 12 j 08:53 -756 Jun 02 j 08:53 -756 Jun 04 j 12:01 -756 Jun 12 j 23:08                     | 8°545'22 27°541'42 0°\$ 14°\$37'42 23°\$43'52 27°\$15'33 26°\$48'30 22°\$04'41 21°\$59'19 19°\$08'58 16°\$26'26 14°\$29'04 14°\$53'17 22°\$13'48 0°\$\$ 0°\$\$ 10°\$\$7'37 22°\$735'31 26°\$\$13'14 25°\$\$707'39 0°\$\$ 11°\$16'10 0°\$\$ 2°\$45'32 1°\$17'25 30°\$\$\$\$\$  | 2°00'42  18°15'30  3°38'16 3°37'59 0.59800 AU  27°17'58  0°17'49 0°17'38 1.32379 AU |

| •                | and waar style is wood. Th |   | •          | * |                           |                          | ge /8      |
|------------------|----------------------------|---|------------|---|---------------------------|--------------------------|------------|
|                  |                            | -                                       |            |   | 901 BCE in historical cou |                          | 24920102   |
| inferior conj    | -756 Jun 26 j 17:39        | 26° <b>Ⅱ</b> 10′29                      |            | evening max el                          | -755 May 11 j 13:54       | 6° <b>Ⅱ</b> 26'00        | 24°30'03   |
| minimum elong    | -756 Jun 26 j 17:13        | 26° <b>Ⅱ</b> 11'17                      | 4°40'07    | desc. node                              | -755 May 20 j 05:55       | 12° <b>∐</b> 24'36       |            |
| morning rise     | -756 Jul 04 j 12:49        | 21° <b>∏</b> 45'46                      |            | retrograde                              | -755 May 25 j 12:16       | 13° <b>Ⅱ</b> 27'57       |            |
| direct           | -756 Jul 07 j 01:05        | 21° <b>Ⅱ</b> 24'57                      |            | evening set                             | -755 May 30 j 05:44       | 12° <b>Ⅱ</b> 37'44       |            |
| morning max el   | -756 Jul 15 j 02:34        | 25° <b>Ⅱ</b> 14'40                      | 18°35'44   | min. Earth dist.                        | -755 Jun 05 j 01:27       | 9° <b>Ⅱ</b> 41′08        | 0.56889 AU |
|                  | -756 Jul 19 j 04:52        | $0$ $\circ$ $6$                         |            | inferior conj                           | -755 Jun 07 j 19:50       | 7° <b>Ⅱ</b> 54'46        | -4°16'50   |
| asc. node        | -756 Jul 20 j 04:03        | 1°521'30                                |            | minimum elong                           | -755 Jun 07 j 14:55       | 8° <b>Ⅱ</b> 02'42        | 4°16'06    |
| morning set      | -756 Jul 31 j 08:43        | 21° <b>©</b> 07'43                      |            | morning rise                            | -755 Jun 16 j 02:57       | 3° <b>Ⅱ</b> 49'32        |            |
|                  | -756 Aug 04 j 22:41        | 0°N                                     |            | direct                                  | -755 Jun 18 j 16:59       | 3° <b>Ⅱ</b> 31′09        |            |
|                  | 730 Mag 01 J 22:11         | v 00                                    |            | morning max el                          | -755 Jun 28 j 01:29       | 7° <b>I</b> 52'00        | 19°27'36   |
| aumariar aani    | 756 Aug 00: 05:10          | 8° <b>Ω</b> 07'47                       | 1°44'39    | asc. node                               | -755 Jul 07 j 01:05       | 19° <b>Ⅱ</b> 49'36       | 19 27 30   |
| superior conj    | -756 Aug 09 j 05:19        |   |            | asc. node                               | •                         |                          |            |
| minimum elong    | -756 Aug 09 j 07:05        | 8° <b>Ω</b> 16'02                       | 1°44'35    |   | -755 Jul 12 j 14:35       | 0°95                     |            |
| max. Earth dist. | -756 Aug 16 j 10:42        |   | 1.39751 AU | morning set                             | -755 Jul 15 j 08:56       | 5° <b>©</b> 27'26        |            |
| evening rise     | -756 Aug 20 j 15:18        | 28° <b>Ω</b> 25'17                      |            |   |                           |                          |            |
|                  | -756 Aug 21 j 13:55        | 0° <b>™</b>                             |            | superior conj                           | -755 Jul 23 j 11:14       | 21° <b>©</b> 37'56       | 1°47'28    |
| desc. node       | -756 Aug 29 j 08:12        | 12° <b>m</b> 29'53                      |            | minimum elong                           | -755 Jul 23 j 10:57       | 21° <b>©</b> 36'35       | 1°47'29    |
|                  | -756 Sep 10 j 05:11        | 0∘ <b>⊽</b>                             |            |   | -755 Jul 27 j 19:37       | $0^{\circ}\Omega$        |            |
| evening max el   | -756 Sep 24 j 17:10        | 17° <b>≏</b> 50'47                      | 23°52'56   | max. Earth dist.                        | -755 Jul 29 j 13:51       | 3° <b>Ω</b> 17′03        | 1.37767 AU |
| retrograde       | -756 Oct 05 j 13:28        | 24° <b>≏</b> 14'02                      |            | evening rise                            | -755 Aug 02 j 09:12       | 10° <b>Ω</b> 10'40       |            |
| evening set      | -756 Oct 10 j 18:07        | 22° <b>Ω</b> 03'40                      |            |   | -755 Aug 14 j 07:47       | 0° m)                    |            |
| min. Earth dist. | -756 Oct 15 j 14:09        | 16° <b>£</b> 25'57                      | 0.67518 AU | desc. node                              | -755 Aug 16 j 05:14       | 2° m/54'33               |            |
|                  | -756 Oct 16 j 03:01        | 16 <b>=</b> 2337<br>15° <b>=</b> 42'14  |            | desc. Hode                              |                           | 0° <b>⊽</b>              |            |
| inferior conj    | ,                          |   |            |   | -755 Sep 05 j 18:45       |                          | 25000152   |
| minimum elong    | -756 Oct 16 j 03:01        | 15° <b>Ω</b> 42'13                      | 0°00'13    | evening max el                          | -755 Sep 07 j 04:49       | 1° <b>≏</b> 26'16        | 25°09'53   |
| transit middle   | -756 Oct 16 j 03:01        | 15° <b>≏</b> 42'13                      | 0°00'13    | retrograde                              | -755 Sep 19 j 01:15       | 8° <b>≏</b> 17'38        |            |
| transit begin    | -756 Oct 16 j 00:18        | 15° <b>≏</b> 51'28                      |            | evening set                             | -755 Sep 24 j 20:40       | 5° <b>≏</b> 50'15        |            |
| transit end      | -756 Oct 16 j 05:44        | 15° <b>≏</b> 32'59                      |            | min. Earth dist.                        | -755 Sep 29 j 08:16       | 0° <b>ہ</b> 47'37        | 0.67114 AU |
| asc. node        | -756 Oct 16 j 03:16        | 15° <b>≏</b> 41'22                      |            |   | -755 Sep 29 j 22:50       | 30°₽, <b>™</b> )         |            |
| morning rise     | -756 Oct 21 j 11:53        | 9° <b>≏</b> 34'45                       |            | inferior conj                           | -755 Sep 30 j 07:47       | 29° m 30'40              | -0°55'19   |
| direct           | -756 Oct 25 j 11:20        | 8° <b>ഫ</b> 05'08                       |            | minimum elong                           | -755 Sep 30 j 09:10       | 29° m 26'10              | 0°54'45    |
| morning max el   | -756 Nov 02 j 16:46        | 12° <b>≏</b> 52'49                      | 20°48'56   | asc. node                               | -755 Oct 03 j 00:17       | 26° m) 10'02             |            |
| morning max cr   | -756 Nov 15 j 23:02        | 0°M                                     | 20 40 50   | morning rise                            | -755 Oct 05 j 21:45       | 23° m/30'32              |            |
| 4 4-             |                            |   |            | •                                       |                           |                          |            |
| desc. node       | -756 Nov 25 j 07:31        | 13°M53'17                               |            | direct                                  | -755 Oct 09 j 09:31       | 22° m) 20'04             | 10041155   |
| morning set      | -756 Dec 02 j 01:05        | 24°M14'34                               |            | morning max el                          | -755 Oct 16 j 18:42       | 26° m/33'12              | 19°41'55   |
|                  | -756 Dec 05 j 17:03        | 0° <b>∡</b>                             |            |   | -755 Oct 19 j 20:03       | 0∘ <b>⊽</b>              |            |
| max. Earth dist. | -756 Dec 10 j 20:13        | 8° <b>∡</b> 13'17                       | 1.42916 AU |   | -755 Nov 09 j 08:25       | 0° <b>M</b>              |            |
|                  |                            |   |            | morning set                             | -755 Nov 10 j 22:34       | 2°M27'31                 |            |
| superior conj    | -756 Dec 17 j 14:24        | 19° <b>∡</b> ²23′07                     | -1°54'15   | desc. node                              | -755 Nov 12 j 04:32       | 4°M23'39                 |            |
| minimum elong    | -756 Dec 17 j 10:11        | 19° <b>∡</b> 05′25                      | 1°54'02    | max. Earth dist.                        | -755 Nov 23 j 08:38       | 21°M54'30                | 1.44264 AU |
|                  | -756 Dec 23 j 19:03        | 5°0                                     |            |   | ·                         |                          |            |
| evening rise     | -756 Dec 29 j 11:56        | 10° <b>る</b> 03'22                      |            | superior conj                           | -755 Nov 27 j 15:58       | 28° <b>M</b> 47'41       | -1°30'17   |
| evening rise     | -755 Jan 10 j 04:31        | 0°≈                                     |            | minimum elong                           | -755 Nov 27 j 08:05       | 28°M15'58                |            |
| asc. node        | -755 Jan 12 j 02:35        | 2°≈45'14                                |            | minimum ciong                           | -755 Nov 28 j 09:54       | 0° <b>₹</b>              | 1 2) 33    |
|                  | ·                          |   | 10007153   |   | 3                         |                          |            |
| evening max el   | -755 Jan 15 j 12:52        | 6°≈49'40                                | 18°07'52   | evening rise                            | -755 Dec 11 j 10:32       | 21° <b>∡</b> ′32'58      |            |
| retrograde       | -755 Jan 22 j 02:55        | 10° <b>≈</b> 14'58                      |            |   | -755 Dec 16 j 10:29       | 0°ಕ                      |            |
| evening set      | -755 Jan 24 j 20:54        | 9° <b>≈</b> 38'51                       |            | asc. node                               | -755 Dec 29 j 23:36       | 20° <b>る</b> 02'47       |            |
| inferior conj    | -755 Jan 31 j 08:02        | 4° <b>≈</b> 33'55                       | 3°52'42    | evening max el                          | -755 Dec 30 j 01:24       | 20° <b>る</b> 07'23       | 18°19'14   |
| minimum elong    | -755 Jan 31 j 08:09        | 4° <b>≈</b> 33'38                       | 3°52'42    | retrograde                              | -754 Jan 05 j 13:33       | 23° <b>る</b> 39'01       |            |
| min. Earth dist. | -755 Feb 03 j 07:11        | 1° <b>≈</b> 36'51                       | 0.61868 AU | evening set                             | -754 Jan 08 j 11:59       | 22° <b>る</b> 52'57       |            |
|                  | -755 Feb 05 j 01:51        | 30°Ŗる                                   |            | inferior conj                           | -754 Jan 14 j 13:11       | 17° <b>る</b> 28'07       | 3°45'45    |
| morning rise     | -755 Feb 06 j 18:10        | 28° <b>ප්</b> 41'08                     |            | minimum elong                           | -754 Jan 14 j 11:31       | 17° <b>る</b> 32'46       | 3°45'34    |
| direct           | -755 Feb 13 j 17:27        | 26° <b>ප</b> 11'34                      |            | min. Earth dist.                        | -754 Jan 16 j 21:41       | 14° <b>る</b> 50'13       | 0.63722 AU |
| desc. node       | -755 Feb 21 j 06:43        | 28° <b>る</b> 42'21                      |            | morning rise                            | -754 Jan 20 j 10:26       | 11° <b>る</b> 26'02       | 0.03722110 |
| desc. Hode       | -755 Feb 23 j 04:01        | 20°≈                                    |            | direct                                  | -754 Jan 27 j 09:51       | 8°る37'59                 |            |
|                  | -                          |   | 27045120   |   | -                         |                          |            |
| morning max el   | -755 Feb 27 j 18:52        | 4°≈01'35                                | 27°45'29   | desc. node                              | -754 Feb 08 j 03:45       | 14° <b>る</b> 35'51       |            |
|                  | -755 Mar 19 j 02:56        | 0° <b>∀</b>                             |            | morning max el                          | -754 Feb 10 j 02:39       | 16° <b>る</b> 27'09       | 27°36'20   |
| morning set      | -755 Apr 01 j 22:37        | 25° <b>¥</b> 29'27                      |            |   | -754 Feb 21 j 08:22       | 0° <b>≈</b>              |            |
|                  | -755 Apr 04 j 02:57        | $0^{\circ}$ Y                           |            |   | -754 Mar 11 j 20:05       | 0° <b>∀</b>              |            |
| max. Earth dist. | -755 Apr 07 j 19:12        | 7° <b>Y</b> 50'02                       | 1.32620 AU | morning set                             | -754 Mar 16 j 20:01       | 9° <b>∺</b> 36'39        |            |
|                  |                            |   |            | max. Earth dist.                        | -754 Mar 21 j 23:32       | 20° <b>)</b> €08'41      | 1.33259 AU |
| superior conj    | -755 Apr 09 j 07:47        | 11° <b>Y</b> ′08'27                     | -0°07'59   |   | *                         |                          |            |
| minimum elong    | -755 Apr 09 j 08:09        | 11° <b>Υ</b> 10'28                      | 0°07'54    | superior conj                           | -754 Mar 24 j 15:02       | 25° <b>)</b> 45′29       | -0°34'30   |
| behind sun begin | -755 Apr 09 j 03:41        | 10° <b>Υ</b> 46'09                      |            | minimum elong                           | -754 Mar 24 j 16:40       | 25° <b>)</b> 54'13       |            |
| behind sun end   | -755 Apr 09 j 12:38        | 10 <b>γ</b> 4009                        |            | mmmum clong                             | -754 Mar 26 j 14:28       | 25 <b>γ</b> (3413        | 5 5 (0)    |
|                  |                            | 11 <b>γ</b> 34 47<br>12° <b>γ</b> 46'57 |            | aga nodo                                |                           | 0 1<br>2° <b>Υ</b> 54'40 |            |
| asc. node        | -755 Apr 10 j 01:53        |   |            | asc. node                               | -754 Mar 27 j 22:55       |                          |            |
| evening rise     | -755 Apr 16 j 06:47        | 26° <b>Y</b> 11'34                      |            | evening rise                            | -754 Mar 31 j 18:24       | 11° <b>Υ</b> '02'47      |            |
|                  | -755 Apr 18 j 02:30        | 0°B                                     |            |   | -754 Apr 10 j 13:51       | 0°8                      |            |
|                  | -755 May 05 j 19:57        | $\Pi$ °0                                |            | evening max el                          | -754 Apr 23 j 05:09       | 17° <b>8</b> 01'52       | 22°55'11   |
|                  |                            |   |            |   |                           |                          |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -754 May 06 j 12:30 23°**8**37'28 retrograde -753 Apr 17 j 03:23 3°840'41 retrograde -754 May 07 j 02:57 23°**8**36'39 -753 Apr 19 j 13:05 3°827'28 desc. node evening set -754 May 09 j 20:35 23°**8**13'05 -753 Apr 23 j 23:58 2°801'11 desc. node evening set -754 May 17 j 14:20 19°**8**48'04 0.55544 AU -753 Apr 27 j 22:27 30°RY min. Earth dist. -754 May 19 j 02:47 18°**8**55'30 -3°09'50 -753 Apr 28 j 22:06 29°Y26'52 -1°23'39 inferior conj inferior conj 29°**Y**32'22 -754 May 18 j 19:46 1°22'16 minimum elong 19°**8**05'39 3°07'55 minimum elong -753 Apr 28 j 18:12 29°**Y**19'30 -754 May 27 j 21:21 morning rise 15°**8**01'06 min. Earth dist. -753 Apr 29 j 03:21 0.55019 AU 14°**8**43'37 25°Y26'17 direct -754 May 30 j 14:38 morning rise -753 May 07 j 23:46 25°**Y**05'44 -754 Jun 10 j 13:46 morning max el 19°**8**48'55 20°40'04 direct -753 May 11 j 01:30 -754 Jun 18 j 17:44  $0^{\circ}\Pi$ -753 May 22 j 10:40 0°8 asc. node -754 Jun 23 j 22:08 8°**Ⅱ**52'35 morning max el -753 May 23 j 15:18 1°**8**03'52 22°10'04 -754 Jun 29 j 15:01 -753 Jun 10 j 19:13 morning set 20°**Ⅱ**06'04 asc. node 28°**8**21'52 -754 Jul 04 j 09:56 0ಂತಾ -753 Jun 11 j 14:50  $0^{\circ}\Pi$ morning set -753 Jun 14 j 00:50 4°**I**57′28 superior conj -754 Jul 07 j 04:55 5°**©**44'23 1°42'18 minimum elong -754 Jul 07 j 03:14 5°935'50 1°42'12 superior conj -753 Jun 21 j 06:46 20°**Ⅱ**16′28 1°30'55 max. Earth dist. -754 Jul 11 j 21:23 15°9506'38 1.35972 AU minimum elong -753 Jun 21 j 04:22 20°**Ⅲ**03′52 1°30'40 evening rise -754 Jul 15 j 23:58 22°957'03 max. Earth dist. -753 Jun 24 j 13:29 27°**Ⅱ**05'52 1.34510 AU -754 Jul 19 j 21:03  $0^{\circ}\Omega$ -753 Jun 25 j 23:41 0ಂತಾ desc. node -754 Aug 03 j 02:16 23°**Ω**01'15 evening rise -753 Jun 29 j 06:40 6°531'24 -754 Aug 08 j 00:34 0° M -753 Jul 12 j 12:23  $0^{\circ}\Omega$ evening max el -754 Aug 20 j 16:20 15° m 02'02 26° 15'53 desc. node -753 Jul 20 j 23:17 12°Ω41'57 retrograde -754 Sep 02 j 08:10 22° m 11'56 evening max el -753 Aug 03 i 04:03 28° Ω30'43 27°03'11 evening set -754 Sep 08 i 17:54 19° m 31'19 -753 Aug 04 i 18:42 0° m min. Earth dist. -754 Sep 12 j 21:37 15° m 05'47 0.66366 AU retrograde -753 Aug 16 j 09:58 5° m 49'45 -754 Sep 14 j 08:46 13° m 17'22 -1°50'44 -753 Aug 23 j 07:25 3° 10 03'17 inferior coni evening set -754 Sep 14 j 11:32 13°M)08'50 1°49'40 -753 Aug 26 j 11:40 30°RΩ minimum elong -754 Sep 19 j 21:19 7° m 40'14 -753 Aug 27 j 03:57 29° **Ω**15'07 0.65254 AU min. Earth dist. asc. node -754 Sep 20 j 05:29 7° m/27'40 -753 Aug 29 j 03:52 26°**Ω**58'29 -2°44'27 inferior conj morning rise -753 Aug 29 j 07:49 -754 Sep 23 j 07:43 6° m 33'05 26° **Ω**47'11 2°43'06 minimum elong direct -754 Sep 30 j 03:32 morning rise -753 Sep 04 j 08:50 21°**Ω**22'20 morning max el 10° Mp 21'33 18°49'57 -754 Oct 14 j 04:49 -753 Sep 06 j 18:24 0∘**⊽** 20°**Ω**40′53 asc. node -754 Oct 21 j 13:45 -753 Sep 07 j 03:53 morning set 11°**≏**38'52 20°**Ω**40′02 direct -753 Sep 13 j 17:04 -754 Oct 30 j 01:36 24°Ω13'07 18°14'19 desc. node 25°**₽**03'08 morning max el -754 Nov 02 j 05:06 -753 Sep 18 j 10:03 0°M 0° m -754 Nov 06 j 02:04 -753 Oct 02 j 09:02 22° m 13'22 max. Earth dist. 6°M05'29 1.44937 AU morning set -753 Oct 07 j 02:49 0∘ଫ superior conj -754 Nov 06 j 20:25 7°M17'42 -0°49'18 -754 Nov 06 j 14:12 6°M53'14 0°48'33 superior conj -753 Oct 16 j 22:31 15°**△**47'17 0°00'02 minimum elong -754 Nov 21 j 03:17 0°**√** minimum elong -753 Oct 16 j 22:31 15°**≗**47'20 0°00'02 evening rise -754 Nov 22 j 10:17 2°×104'46 behind sun begin -753 Oct 16 j 12:23 15°**♀**07'08 -754 Dec 10 j 12:03 0°る behind sun end -753 Oct 17 j 08:39 16°**♀**27'30 -754 Dec 13 j 12:36 3°**ට**31'48 18°48'38 -753 Oct 16 j 22:37 15°**-**47'43 evening max el desc. node -754 Dec 16 j 20:37 6°る16'59 max. Earth dist. -753 Oct 19 j 20:45 20°**2**24'55 1.44871 AU asc. node -754 Dec 20 j 06:54 7°る20'29 -753 Oct 25 j 23:20 retrograde 0°M -754 Dec 23 i 10:47 evening set 6°る23'17 evening rise -753 Nov 02 j 10:32 11°M38'54 -754 Dec 29 i 04:46 inferior conj 0°る40'57 3°23'35 -753 Nov 14 i 07:27 0°×7 -754 Dec 29 i 02:09 minimum elong 0°る48'59 3°23'03 greatest brilliancy -753 Nov 14 j 10:46 0°**∡**12'35 -0.7m -754 Dec 29 j 18:06 30°R*x* evening max el -753 Nov 26 j 20:14 16°**₹**'58'52 19°34'47 min. Earth dist. -754 Dec 30 j 22:01 28°**✗**34'45 0.65232 AU asc. node -753 Dec 03 i 17:40 21°**х** 12′23 -753 Jan 03 j 17:11 24°**₹**32'39 retrograde -753 Dec 04 j 03:40 21°**х** 13′22 morning rise direct -753 Jan 10 j 08:59 21°**х** 40′55 -753 Dec 07 j 14:39 20°**х** 03′23 evening set -753 Jan 23 j 12:26 29°**₹**20'47 26°54'25 -753 Dec 13 j 03:40 14°**≯**06'30 2°50'28 morning max el inferior conj -753 Jan 24 j 03:53 0°궁 minimum elong -753 Dec 13 j 00:49 14°**∡**15'51 2°49'39 -753 Jan 26 j 00:48 12°**∡**³37'43 desc. node 1°る59'49 min. Earth dist. -753 Dec 14 j 06:52 0.66363 AU -753 Feb 15 j 05:03 0°≈ morning rise -753 Dec 18 j 10:44 7°**∡** 54'21 -753 Feb 28 j 07:18 23°≈09'19 direct -753 Dec 24 j 14:15 5°**х** 11'14 morning set 12°**∡**¹29'04 25°47'22 -753 Mar 03 j 19:14 0°**)**€ -752 Jan 05 j 21:46 morning max el -753 Mar 04 j 18:02 1°**¥**54'19 1.34332 AU -752 Jan 12 j 21:52 20°**х** 27′19 max. Earth dist. desc. node -752 Jan 20 j 01:16 0°₹ -753 Mar 08 j 17:08 10° **★**02'15 -1°00'37 -752 Feb 07 j 21:34 superior conj 0°≈ minimum elong -753 Mar 08 j 19:57 10° **★**16'55 1°00'06 morning set -752 Feb 11 j 04:02 5°≈53'37 asc. node -753 Mar 14 j 19:58 22° **X** 54'34 max. Earth dist. -752 Feb 15 j 00:26 13°≈06'44 1.35858 AU evening rise -753 Mar 16 j 04:19 25°**)** 43'30 -753 Mar 18 j 06:13 0° $\gamma$ superior conj -752 Feb 20 j 11:28 23°≈50'32 -1°24'48 -753 Apr 05 j 02:13 27° Y 49'38 21° 24'04 -752 Feb 20 j 15:05 24°≈08'43 1°24'18 evening max el minimum elong

-752 Feb 23 j 12:12

0°)

-753 Apr 07 j 14:24

0°8

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 80 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Th                | ne year -900 in                  | astronomical cour | nting style is the year    | 901 BCE in historical cou                  | nting style.                           | ,          |
|---------------------|--|----------------------------------|-------------------|----------------------------|--|--|------------|
| evening rise        | -752 Feb 28 j 10:29                        | 10° <b>)</b> €06'30              |                   |                            | -751 Feb 14 j 10:55                        | 0° <b>∀</b>                            |            |
| asc. node           | -752 Feb 29 j 17:01                        | 12° <b>)</b> 41′17               |                   | asc. node                  | -751 Feb 15 j 14:03                        | 2° <b>₩</b> 09'51                      |            |
|                     | -752 Mar 10 j 04:21                        | $0^{\circ}$ $\Upsilon$           |                   | evening max el             | -751 Feb 28 j 04:26                        | 21° <b>米</b> 08'44                     | 19°07'45   |
| evening max el      | -752 Mar 17 j 09:49                        | 9° <b>Y</b> 10′03                | 20°06'41          | retrograde                 | -751 Mar 08 j 22:02                        | 25° <b>∺</b> 20′26                     |            |
| retrograde          | -752 Mar 27 j 18:30                        | 14° <b>Ƴ</b> 07'47               |                   | evening set                | -751 Mar 11 j 04:17                        | 25° <b>)</b> 04'47                     |            |
| evening set         | -752 Mar 29 j 21:43                        | 13° <b>Y</b> ′56'04              |                   | inferior conj              | -751 Mar 19 j 07:57                        | 20° <b>¥</b> 52'48                     |            |
| inferior conj       | -752 Apr 07 j 19:33                        | 9° <b>Y</b> ′56'53               |                   | minimum elong              | -751 Mar 19 j 12:20                        | 20° <b>¥</b> 45′16                     |            |
| minimum elong       | -752 Apr 07 j 21:06                        | 9° <b>Y</b> ′54'33               |                   | min. Earth dist.           | -751 Mar 22 j 08:55                        | 18° <b>¥</b> 48'30                     | 0.56748 AU |
| min. Earth dist.    | -752 Apr 09 j 17:27                        | 8° <b>Y</b> 48'04                | 0.55450 AU        | morning rise               | -751 Mar 27 j 17:27                        | 15° <b>¥</b> 55'08                     |            |
| desc. node          | -752 Apr 09 j 21:01                        | 8° <b>Υ</b> 42'49                |                   | desc. node                 | -751 Mar 27 j 18:05                        | 15° <b>)</b> € 54'32                   |            |
| morning rise        | -752 Apr 16 j 18:30                        | 5° <b>Υ</b> 31'30                |                   | direct                     | -751 Apr 01 j 17:49                        | 14° <b>)</b> ₹56'16                    | 25025100   |
| direct              | -752 Apr 20 j 15:29                        | 4°Υ58'34                         | 22050102          | morning max el             | -751 Apr 15 j 23:19                        | 22° <b>)</b> 15'47                     | 25°27'09   |
| morning max el      | -752 May 04 j 08:43                        | 11° <b>℃</b> 45′21               | 23°50'03          |                            | -751 Apr 22 j 19:00                        | 0°Υ<br>•••                             |            |
|                     | -752 May 18 j 02:45                        | 0°8                              |                   |                            | -751 May 10 j 15:35                        | 0°8                                    |            |
| asc. node           | -752 May 27 j 16:19                        | 18° <b>8</b> 09'51               |                   | morning set asc. node      | -751 May 13 j 00:26                        | 4° <b>8</b> 54'23<br>8° <b>8</b> 10'29 |            |
| morning set         | -752 May 28 j 12:32<br>-752 Jun 02 j 05:30 | 0°Ⅱ                              |                   | asc. node                  | -751 May 14 j 13:22                        | 8 <b>G</b> 10 29                       |            |
|                     | -732 Juli 02 j 03.30                       | υщ                               |                   | superior conj              | -751 May 20 j 00:20                        | 20° <b>8</b> 02'12                     | 0°54'47    |
| superior conj       | -752 Jun 04 j 13:59                        | 5° <b>Ⅱ</b> 04'59                | 101443            | minimum elong              | -751 May 19 j 22:12                        | 19° <b>8</b> 50'34                     |            |
| minimum elong       | -752 Jun 04 j 11:28                        | 4° <b>П</b> 51'28                |                   | max. Earth dist.           | -751 May 20 j 23:44                        |  | 1.32738 AU |
| max. Earth dist.    | -752 Jun 06 j 14:59                        |                                  | 1.33431 AU        | max. Lartii dist.          | -751 May 24 j 15:04                        | 0°П                                    | 1.52750710 |
| evening rise        | -752 Jun 12 j 00:54                        | 20° <b>∏</b> 40'57               | 1.55451710        | evening rise               | -751 May 27 j 03:09                        | 5° <b>Ⅱ</b> 14'21                      |            |
| evening rise        | -752 Jun 16 j 19:58                        | 0°95                             |                   | evening rise               | -751 Jun 09 j 11:23                        | 0°95                                   |            |
|                     | -752 Jul 05 j 12:01                        | $0 {\circ} \mathcal{O}$          |                   | desc. node                 | -751 Jun 23 j 17:20                        | 19° <b>9</b> 57'02                     |            |
| desc. node          | -752 Jul 06 j 20:18                        | 1° <b>Ω</b> 45'53                |                   | evening max el             | -751 Jun 27 j 22:40                        | 24°522'33                              | 27°15'14   |
| evening max el      | -752 Jul 15 j 14:55                        | 11° <b>Ω</b> 42'01               | 27°24'48          | evening man er             | -751 Jul 05 j 12:03                        | 0°Ω                                    | 2, 101.    |
| retrograde          | -752 Jul 29 j 06:05                        | 19° <b>Ω</b> 02'47               | 27 21 10          | retrograde                 | -751 Jul 11 j 19:30                        | 1° <b>Ω</b> 40'51                      |            |
| evening set         | -752 Aug 05 j 10:14                        | 16° <b>Ω</b> 21'38               |                   |                            | -751 Jul 17 j 19:11                        | 30°Rூ                                  |            |
| min. Earth dist.    | -752 Aug 09 j 01:24                        |                                  | 0.63775 AU        | evening set                | -751 Jul 18 j 22:20                        | 29° <b>©</b> 18'41                     |            |
| inferior conj       | -752 Aug 11 j 14:35                        | 10° <b>Ω</b> 29'21               |                   | min. Earth dist.           | -751 Jul 22 j 12:39                        | 26° <b>©</b> 29'51                     | 0.61968 AU |
| minimum elong       | -752 Aug 11 j 19:10                        | 10° <b>Ω</b> 17'29               |                   | inferior conj              | -751 Jul 25 j 13:50                        | 23° <b>©</b> 42'03                     |            |
| morning rise        | -752 Aug 18 j 05:06                        | 5° <b>Ω</b> 09'48                |                   | minimum elong              | -751 Jul 25 j 17:54                        | 23° <b>©</b> 32'40                     | 4°12'50    |
| direct              | -752 Aug 20 j 19:25                        | 4° <b>Ω</b> 36′28                |                   | morning rise               | -751 Aug 01 j 14:54                        | 18°9542'11                             |            |
| asc. node           | -752 Aug 23 j 15:29                        | 5° <b>Ω</b> 16'41                |                   | direct                     | -751 Aug 04 j 02:59                        | 18° <b>©</b> 15'01                     |            |
| morning max el      | -752 Aug 27 j 08:39                        | 8° <b>Ω</b> 02'24                | 17°55'59          | asc. node                  | -751 Aug 10 j 12:34                        | 21° <b>©</b> 16'29                     |            |
|                     | -752 Sep 10 j 22:11                        | 0° <b>m</b> )                    |                   | morning max el             | -751 Aug 10 j 23:20                        | 21° <b>5</b> 642'04                    | 17°56'00   |
| morning set         | -752 Sep 13 j 06:40                        | 4° <b>™</b> 04'05                |                   |                            | -751 Aug 17 j 07:43                        | $0$ $^{\circ}$ $\Omega$                |            |
|                     |  |                                  |                   | morning set                | -751 Aug 27 j 00:44                        | 16° <b>£</b> 53′30                     |            |
| superior conj       | -752 Sep 25 j 19:08                        | 25° Mp 14'16                     | 0°45'12           |                            | -751 Sep 03 j 08:02                        | 0° <b>™</b>                            |            |
| minimum elong       | -752 Sep 25 j 23:37                        | 25° <b>m</b> 32'43               | 0°44'37           |                            |  |  |            |
|                     | -752 Sep 28 j 17:15                        | 0∘ <b>⊽</b>                      |                   | superior conj              | -751 Sep 06 j 18:58                        | 6°Mp01'38                              |            |
| max. Earth dist.    | -752 Oct 01 j 13:35                        | 4° <b>≏</b> 34'43                | 1.44096 AU        | minimum elong              | -751 Sep 06 j 23:54                        | 6° Mg 22'52                            | 1°17'59    |
| desc. node          | -752 Oct 02 j 19:39                        | 6° <b>Ω</b> 34'32                |                   | max. Earth dist.           | -751 Sep 14 j 02:26                        | 18° <b>m</b> ) 19'10                   | 1.42713 AU |
| evening rise        | -752 Oct 11 j 18:52                        | 20° <b>△</b> 36′10               |                   | desc. node                 | -751 Sep 19 j 16:39                        | 27° <b>m</b> 19'55                     |            |
|                     | -752 Oct 17 j 22:22                        | 0° <b>™</b>                      |                   | evening rise               | -751 Sep 21 j 04:05                        | 29° <b>m</b> 39'38                     |            |
|                     | -752 Nov 08 j 12:23                        | 0° <b>∡</b> 7                    |                   |                            | -751 Sep 21 j 09:16                        | ი∘ <b>ত</b>                            |            |
| evening max el      | -752 Nov 08 j 22:46                        | 0°×727'06                        | 20°35'33          |                            | -751 Oct 11 j 14:21                        | 0°M,                                   | 21047141   |
| retrograde          | -752 Nov 17 j 01:17                        | 5° <b>x</b> 14'19                |                   | evening max el             | -751 Oct 22 j 19:27                        | 13°M55'31                              | 21°47'41   |
| asc. node           | -752 Nov 19 j 14:43                        | 4° <b>₹</b> 36'55                |                   | retrograde                 | -751 Oct 31 j 21:45                        | 19°M19'54                              |            |
| evening set         | -752 Nov 20 j 21:26                        | 3° <b>√</b> 49'27                |                   | evening set asc. node      | -751 Nov 05 j 05:12                        | 17°M38'04                              |            |
| inferior conj       | -752 Nov 24 j 13:36<br>-752 Nov 26 j 07:20 | 30°Rጤ<br>27°ጤ41'15               | 2°09'19           | asc. node<br>inferior conj | -751 Nov 06 j 11:46<br>-751 Nov 10 j 13:34 | 16°M28'35<br>11°M21'54                 | 1°22'11    |
| minimum elong       | -752 Nov 26 j 04:47                        | 27°M49'53                        | 2°08'25           | minimum elong              | -751 Nov 10 j 13:34<br>-751 Nov 10 j 11:47 | 11°M28'05                              | 1°21'28    |
| min. Earth dist.    | -752 Nov 26 j 22:02                        | 26°M51'17                        | 0.67123 AU        | min. Earth dist.           | -751 Nov 10 j 17:47                        | 11°M09'50                              | 0.67534 AU |
| morning rise        | -752 Nov 26 j 22.02<br>-752 Dec 01 j 11:57 | 20 IIL31 17<br>21°IL27'30        | 0.0/123 AU        | morning rise               | -751 Nov 10 j 17.04<br>-751 Nov 15 j 18:12 | 5°M08'50                               | 0.07334 AU |
| direct              | -752 Dec 07 j 00:50                        | 19°M01'30                        |                   | direct                     | -751 Nov 20 j 15:53                        | 3°M04'28                               |            |
| morning max el      | -752 Dec 18 j 06:07                        | 25°M43'06                        | 24°25'00          | morning max el             | -751 Nov 30 j 15:43                        | 9°M00'49                               | 22°57'24   |
| morning max or      | -752 Dec 22 j 04:12                        | 23 11 <b>0</b> +3 00             | 2. 2000           | desc. node                 | -751 Dec 16 j 15:56                        | 29°M24'26                              |            |
| desc. node          | -752 Dec 29 j 18:55                        | 9° <b>∡</b> 740′01               |                   | 3000. 11000                | -751 Dec 17 j 01:50                        | 0° <b>√</b>                            |            |
| 2227 2000           | -751 Jan 12 j 14:31                        | 0° <b>る</b>                      |                   | morning set                | -750 Jan 04 j 02:30                        | 27° <b>×</b> 754'04                    |            |
| morning set         | -751 Jan 23 j 04:31                        | 0 <b>3</b><br>17° <b>る</b> 33'55 |                   |                            | -750 Jan 05 j 08:44                        | 0°る                                    |            |
| max. Earth dist.    | -751 Jan 26 j 21:23                        | 24°る08'56                        | 1.37776 AU        | max. Earth dist.           | -750 Jan 08 j 16:51                        | 5° <b>る</b> 39'52                      | 1.39887 AU |
|                     | -751 Jan 30 j 01:47                        | 0° <b>≈</b>                      |                   |                            |  | /-2                                    |            |
|                     | <b>J</b> */                                |                                  |                   | superior conj              | -750 Jan 16 j 10:36                        | 19° <b>る</b> 24'40                     | -1°57'55   |
| superior conj       | -751 Feb 02 j 18:45                        | 7° <b>≈</b> 01'52                | -1°44'53          | minimum elong              | -750 Jan 16 j 12:38                        | 19° <b>る</b> 33'59                     |            |
| minimum elong       | -751 Feb 02 j 22:19                        | 7° <b>≈</b> 19'03                | 1°44'35           | 3                          | -750 Jan 22 j 02:38                        | 0° <b>≈</b>                            |            |
| evening rise        | -751 Feb 11 j 10:37                        | 24° <b>≈</b> 05'45               |                   | evening rise               | -750 Jan 26 j 01:50                        | 7° <b>≈</b> 34'00                      |            |
|                     | -  |                                  |                   |                            | -  |  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 81 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl | he year -900 in     | astronomical cou | nting style is the year | 901 BCE in historical cou                  | nting style.                         |              |
|---------------------|-----------------------------|---------------------|------------------|-------------------------|--|--------------------------------------|--------------|
| asc. node           | -750 Feb 02 j 11:05         | 21° <b>≈</b> 13'57  |                  | evening rise            | -749 Jan 09 j 04:37                        | 20° <b>る</b> 22'52                   |              |
|                     | -750 Feb 08 j 03:03         | 0° <b>)</b> €       |                  |                         | -749 Jan 14 j 11:58                        | 0° <b>≈</b>                          |              |
| evening max el      | -750 Feb 11 j 07:52         | 3° <b>)</b> (40′30  | 18°28'47         | asc. node               | -749 Jan 20 j 08:07                        | 9° <b>≈</b> 45'05                    |              |
| retrograde          | -750 Feb 18 j 20:29         | 7° <b>升</b> 22′08   |                  | evening max el          | -749 Jan 25 j 17:06                        | 16° <b>≈</b> 36′06                   | 18°09'49     |
| evening set         | -750 Feb 21 j 07:40         | 6° <b>¥</b> 59'35   |                  | retrograde              | -749 Feb 01 j 12:29                        | 20° <b>≈</b> 03'37                   |              |
| inferior conj       | -750 Feb 28 j 17:06         | 2° <b>)</b> 27'43   | 3°17'16          | evening set             | -749 Feb 04 j 04:00                        | 19° <b>≈</b> 32'48                   |              |
| minimum elong       | -750 Feb 28 j 20:48         | 2° <b>∺</b> 20'17   | 3°16'35          | inferior conj           | -749 Feb 10 j 22:14                        | 14° <b>≈</b> 39'35                   | 3°47'31      |
|                     | -750 Mar 03 j 19:08         | 30°R≈               |                  | minimum elong           | -749 Feb 10 j 23:40                        | 14° <b>≈</b> 36'15                   | 3°47'24      |
| min. Earth dist.    | -750 Mar 04 j 03:20         | 29° <b>≈</b> 44'20  | 0.58611 AU       | min. Earth dist.        | -749 Feb 14 j 03:47                        | 11° <b>≈</b> 40'37                   | 0.60690 AU   |
| morning rise        | -750 Mar 08 j 07:26         | 27°≈01'57           |                  | morning rise            | -749 Feb 17 i 17:40                        | 8° <b>≈</b> 54'13                    |              |
| direct              | -750 Mar 14 j 09:17         | 25° <b>≈</b> 26'49  |                  | direct                  | -749 Feb 24 i 12:05                        | 6° <b>≈</b> 42'12                    |              |
| desc. node          | -750 Mar 14 j 15:07         | 25° <b>≈</b> 26'58  |                  | desc. node              | -749 Mar 01 j 12:09                        | 7° <b>≈</b> 48'21                    |              |
|                     | -750 Mar 25 j 05:37         | 0° <b>)</b> €       |                  | morning max el          | -749 Mar 10 j 17:07                        | 14° <b>≈</b> 29'34                   | 27°34'20     |
| morning max el      | -750 Mar 28 j 17:06         | 3° <b>)</b> €04'17  | 26°46'05         | <i>S</i>                | -749 Mar 23 j 05:35                        | 0° <b>)</b> €                        |              |
|                     | -750 Apr 17 j 04:19         | 0°Υ                 |                  |                         | -749 Apr 09 j 12:46                        | 0° <b>Υ</b>                          |              |
| morning set         | -750 Apr 27 j 10:54         | 19° <b>Υ</b> 48'41  |                  | morning set             | -749 Apr 11 j 18:04                        | 4° <b>Υ</b> 30'53                    |              |
| asc. node           | -750 May 01 j 10:24         | 28° <b>Υ</b> 19'10  |                  | max. Earth dist.        | -749 Apr 18 j 00:52                        | 17° <b>Υ</b> 54'55                   | 1.32438 AU   |
| use. Houe           | -750 May 02 j 04:54         | 0°8                 |                  | asc. node               | -749 Apr 18 j 07:25                        | 18° <b>Y</b> '30'43                  | 1.52 150 110 |
|                     | 750 May 02 j 04.54          | <b>⋄</b>            |                  | ase. Houe               | 749 Apr 10 J 07.23                         | 10 1 30 43                           |              |
| superior conj       | -750 May 04 j 12:02         | 5° <b>8</b> 02'07   | 0°31'57          | superior conj           | -749 Apr 18 j 23:21                        | 19° <b>Ƴ</b> 57'46                   | 0°07'02      |
| minimum elong       | -750 May 04 j 10:40         | 4° <b>8</b> 54'36   |                  | minimum elong           | -749 Apr 18 j 23:02                        | 19° <b>Y</b> 56'01                   | 0°06'58      |
| max. Earth dist.    | -750 May 04 j 12:22         | 5° <b>8</b> 03'57   | 1.32410 AU       | behind sun begin        | -749 Apr 18 j 18:28                        | 19° <b>Υ</b> 31'04                   | 0 00 50      |
| evening rise        | -750 May 11 j 10:44         | 20° <b>8</b> 02'50  | 1.52410710       | behind sun end          | -749 Apr 19 j 03:35                        | 20° <b>Υ</b> 20'58                   |              |
| evening rise        | -750 May 16 j 08:53         | 0°II                |                  | ocimia sun cha          | -749 Apr 23 j 13:42                        | 0°8                                  |              |
|                     | -750 Jun 04 j 05:09         | 0°©                 |                  | evening rise            | -749 Apr 25 j 21:20                        | 4° <b>8</b> 57'26                    |              |
| evening max el      | -750 Jun 10 j 00:41         | 6° <b>©</b> 21'13   | 26022121         | evening rise            | -749 May 09 j 05:36                        | 4 <b>O</b> 37 20<br>0° <b>Ⅱ</b>      |              |
| desc. node          |                             | 6°953'18            | 20 32 31         | arranina marral         |  | 0 H<br>17°H34'17                     | 25020122     |
|                     | -750 Jun 10 j 14:21         |                     |                  | evening max el          | -749 May 22 j 19:42                        |                                      | 23 20 33     |
| retrograde          | -750 Jun 24 j 00:49         | 13°936'17           |                  | desc. node              | -749 May 28 j 11:23                        | 22° <b>I</b> I03'32                  |              |
| evening set         | -750 Jun 30 j 15:13         | 11°5945'51          | 0.50040.411      | retrograde              | -749 Jun 05 j 20:33                        | 24° <b>Ⅱ</b> 44'13                   |              |
| min. Earth dist.    | -750 Jul 04 j 13:54         | 9°507'46            | 0.59948 AU       | evening set             | -749 Jun 11 j 09:27                        | 23° <b>I</b> I32'39                  | 0.57026.444  |
| inferior conj       | -750 Jul 07 j 22:03         | 6°927'37            |                  | min. Earth dist.        | -749 Jun 16 j 07:33                        | 20° <b>Ⅱ</b> 47'19                   |              |
| minimum elong       | -750 Jul 07 j 23:50         | 6° <b>©</b> 24'01   | 4°37'25          | inferior conj           | -749 Jun 19 j 11:42                        | 18° <b>Ⅲ</b> 35'32                   |              |
| morning rise        | -750 Jul 15 j 10:25         | 1°549'56            |                  | minimum elong           | -749 Jun 19 j 09:21                        | 18° <b>Ⅲ</b> 39'38                   | 4°34'55      |
| direct              | -750 Jul 17 j 22:22         | 1° <b>5</b> 27'02   |                  | morning rise            | -749 Jun 27 j 11:57                        | 14° <b>Ⅲ</b> 20′05                   |              |
| morning max el      | -750 Jul 25 j 10:13         | 5° <b>©</b> 04'46   | 18°15'26         | direct                  | -749 Jun 30 j 01:00                        | 14° <b>∐</b> 00'23                   |              |
| asc. node           | -750 Jul 28 j 09:37         | 8° <b>5</b> 25'16   |                  | morning max el          | -749 Jul 08 j 14:19                        | 18° <b>∐</b> 01'08                   | 18°55'21     |
| morning set         | -750 Aug 10 j 09:42         | 0° <b>Ω</b> 26′30   |                  | asc. node               | -749 Jul 15 j 06:39                        | 26° <b>Ⅱ</b> 27'44                   |              |
|                     | -750 Aug 10 j 04:06         | $0 ^{\circ} \Omega$ |                  |                         | -749 Jul 17 j 10:40                        | $0$ $\circ$ $60$                     |              |
|                     |                             |                     |                  | morning set             | -749 Jul 25 j 05:15                        | 14° <b>©</b> 31'08                   |              |
| superior conj       | -750 Aug 19 j 20:13         | 18° <b>Ω</b> 04'47  |                  |                         | -749 Aug 02 j 03:07                        | $0$ $\circ$ $\Omega$                 |              |
| minimum elong       | -750 Aug 19 j 23:18         | 18° <b>Ω</b> 18'47  | 1°38'19          |                         |  |                                      |              |
|                     | -750 Aug 26 j 14:08         | 0° <b>™</b>         |                  | superior conj           | -749 Aug 02 j 17:13                        | 1° <b>Ω</b> 07'32                    | 1°46'57      |
| max. Earth dist.    | -750 Aug 27 j 10:01         | 1° <b>m</b> 25'01   | 1.40899 AU       | minimum elong           | -749 Aug 02 j 18:04                        | 1° <b>Ω</b> 11'31                    | 1°46'57      |
| evening rise        | -750 Sep 01 j 06:58         | 9° <b>₯</b> 33'14   |                  | max. Earth dist.        | -749 Aug 09 j 13:05                        | 13° <b>Ω</b> 46'14                   | 1.38892 AU   |
| desc. node          | -750 Sep 06 j 13:40         | 18°₩00'36           |                  | evening rise            | -749 Aug 13 j 10:42                        | 20° <b>Ω</b> 37'09                   |              |
|                     | -750 Sep 14 j 10:37         | 0∘ <b>⊽</b>         |                  |                         | -749 Aug 19 j 01:17                        | 0° <b>m</b> ∕                        |              |
| evening max el      | -750 Oct 05 j 10:55         | 27° <b>≏</b> 25′09  | 23°06'38         | desc. node              | -749 Aug 24 j 10:42                        | 8° <b>m</b> 32'29                    |              |
|                     | -750 Oct 08 j 06:04         | $0^{\circ}$ M       |                  |                         | -749 Sep 08 j 12:22                        | 0∘ <b>ত</b>                          |              |
| retrograde          | -750 Oct 15 j 15:41         | 3°M27'43            |                  | evening max el          | -749 Sep 17 j 23:04                        | 10° <b>≏</b> 57'42                   | 24°26'28     |
| evening set         | -750 Oct 20 j 12:17         | 1°M27'36            |                  | retrograde              | -749 Sep 29 j 06:04                        | 17° <b>≏</b> 34'27                   |              |
|                     | -750 Oct 22 j 00:42         | 30° <b>₹</b> Ω      |                  | evening set             | -749 Oct 04 j 17:02                        | 15° <b>≙</b> 16′16                   |              |
| asc. node           | -750 Oct 24 j 08:49         | 27° <b>♀</b> 08'49  |                  | min. Earth dist.        | -749 Oct 09 j 09:17                        | 9° <b>≙</b> 53'23                    | 0.67383 AU   |
| inferior conj       | -750 Oct 25 j 20:36         | 25° <b>≏</b> 06'59  | 0°30'46          | inferior conj           | -749 Oct 10 j 02:41                        | 8° <b>≏</b> 55'00                    | -0°23'26     |
| minimum elong       | -750 Oct 25 j 19:52         | 25° <b>≏</b> 09'27  | 0°30'27          | minimum elong           | -749 Oct 10 j 03:16                        | 8° <b>≏</b> 53'05                    | 0°23'12      |
| min. Earth dist.    | -750 Oct 25 j 13:35         | 25° <b>£</b> 31'06  | 0.67619 AU       | asc. node               | -749 Oct 11 j 05:50                        | 7° <b>≏</b> 24'56                    |              |
| morning rise        | -750 Oct 31 j 03:23         | 18° <b>≏</b> 56'56  |                  | morning rise            | -749 Oct 15 j 13:32                        | 2° <b>ჲ</b> 50'29                    |              |
| direct              | -750 Nov 04 j 10:29         | 17° <b>≏</b> 15'09  |                  | direct                  | -749 Oct 19 j 07:40                        | 1° <b>≏</b> 29'36                    |              |
| morning max el      | -750 Nov 13 j 06:10         | 22° <b>≏</b> 26'02  | 21°33'13         | morning max el          | -749 Oct 27 j 03:50                        | 6° <b>₽</b> 01'32                    | 20°18'48     |
| <i>3</i> -2-2-      | -750 Nov 19 j 17:14         | 0°M                 |                  | <i>5</i> 42             | -749 Nov 13 j 21:10                        | 0° <b>M</b>                          |              |
| desc. node          | -750 Dec 03 j 12:57         | 19° <b>M</b> 31'36  |                  | desc. node              | -749 Nov 20 j 09:59                        | 9°M55'15                             |              |
|                     | -750 Dec 10 j 10:19         | 0° <b>⊼</b>         |                  | morning set             | -749 Nov 23 j 17:34                        | 15°M01'55                            |              |
| morning set         | -750 Dec 14 j 19:29         | 6° <b>₹</b> 751'40  |                  |                         | -749 Dec 03 j 06:03                        | 0° <b>∡</b> 7                        |              |
| max. Earth dist.    | -750 Dec 21 j 17:44         | 18° <b>₹</b> 03'41  | 1.41909 AU       | max. Earth dist.        | -749 Dec 03 j 00:03                        |                                      | 1.43559 AU   |
| max. Darm dist.     | -750 Dec 28 j 19:12         | 0°る                 | 1.71707 AU       | max. Larm dist.         | 177 DCC 07 J 01.3/                         | 1 / 17 44                            | 1.75557 AU   |
|                     | 150 DCC 20 J 19.12          | υ <b>Ο</b>          |                  | superior conj           | -749 Dec 09 j 22:47                        | 10° <b>∡</b> 52'27                   | -1°46'21     |
| superior conj       | -750 Dec 29 j 05:35         | 0° <b>る</b> 45'00   | -1°50'5 <i>1</i> | minimum elong           | -749 Dec 09 j 22.47                        | 10 <b>x</b> 32 27 10° <b>x</b> 27'10 |              |
| minimum elong       | -750 Dec 29 j 04:06         | 0° <b>る</b> 38'31   |                  | minimum ciong           | -749 Dec 09 j 16:39<br>-749 Dec 21 j 05:36 | 10 x·2/10<br>0°る                     | 1 70 00      |
| mmmum ciong         | 750 Dec 27 J 04.00          | 0 03031             | 1 37 32          |                         | 177 Dec 21 J 05.50                         | υ <b>Ο</b>                           |              |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -749 Dec 22 j 14:52 2°る24'27 superior conj -748 Nov 18 j 13:55 19°M-49'43 -1°14'41 evening rise 19°ML17'58 1°13'49 asc. node -748 Jan 07 j 05:09 27°る33'28 -748 Nov 18 j 05:55 minimum elong -748 Jan 09 j 05:14 29°**る**48'05 -748 Nov 24 j 22:14 evening max el 18°10'22 0°×7 -748 Jan 09 j 10:03 13°**∡**29'57 0°≈≈ -748 Dec 03 j 04:07 evening rise -748 Jan 15 j 17:38 retrograde 3°≈15′03 -748 Dec 13 j 04:54 0°ಕ -748 Dec 22 j 17:33 -748 Jan 18 j 13:17 2°≈34'59 evening set evening max el 13°**る**09'34 18°29'36 -748 Jan 22 j 04:26 30°Ŗる asc. node -748 Dec 24 j 02:11 14°**る**26'13 -748 Jan 24 j 19:50 inferior conj 27°**る**21'20 3°51'57 retrograde -748 Dec 29 j 07:28 16°る47'15 27°**る**23'17 minimum elong -748 Jan 24 j 19:06 3°51'55 evening set -747 Jan 01 j 08:01 15°**る**56'45 min. Earth dist. -748 Jan 27 j 13:02 24°**る**30'10 0.62690 AU inferior conj -747 Jan 07 j 05:52 10°**る**24'27 3°37'52 3°37'33 morning rise -748 Jan 30 j 23:56 21°る23'47 minimum elong -747 Jan 07 j 03:42 10°**る**30'47 -748 Feb 07 j 00:14 direct 18°**る**44'27 min. Earth dist. -747 Jan 09 j 07:57 7°**る**58'36 0.64414 AU -748 Feb 16 j 09:11 desc. node 22°**る**35'17 morning rise -747 Jan 12 j 22:54 4°る19'20 morning max el -748 Feb 20 j 22:51 26°る35'46 27°45'55 direct -747 Jan 19 j 19:56 1°る27'37 -748 Feb 24 j 03:52 0°**≈** desc. node -747 Feb 02 j 06:13 9°る10'54 -748 Mar 15 j 19:01 0°**)**€ morning max el -747 Feb 02 j 07:45 9°る14'42 27°21'56 morning set -748 Mar 25 j 19:48 18°**¥**53'45 -747 Feb 18 j 14:03 0°≈ -748 Mar 31 j 03:51  $0^{\circ}\Upsilon$ -747 Mar 08 j 02:48 0°) max. Earth dist. -748 Mar 31 j 09:15 0°Υ28'48 1.32842 AU morning set -747 Mar 09 j 13:23 2°**)**47'50 max. Earth dist. -747 Mar 14 j 09:32 12°**)** 32′55 1.33659 AU superior conj -748 Apr 02 j 08:37 4°Υ43'34 -0°19'12 minimum elong -748 Apr 02 i 09:31 4°Υ48'27 0°19'00 superior conj -747 Mar 17 j 13:59 19° \(\) 13'09 -0°45'42 asc. node -748 Apr 04 i 04:28 8°Y41'09 minimum elong -747 Mar 17 j 16:09 19°**¥**24'35 0°45'16 evening rise -748 Apr 09 i 09:06 19°Y51'43 asc. node -747 Mar 22 i 01:32 28° **)** 46'14 -748 Apr 14 j 08:29 0°8 -747 Mar 22 j 15:23  $0^{\circ}\Upsilon$ evening max el -748 May 03 j 10:32 28°816'08 23°49'58 -747 Mar 24 j 20:13 4°Y39'11 evening rise -748 May 05 j 08:31  $0^{\circ}\Pi$ -747 Apr 07 j 18:44 0°8 -748 May 14 j 08:25 4°**I**151'33 -747 Apr 15 j 03:39 8°**8**54'35 22°15'17 desc. node evening max el -748 May 17 j 04:41 5°**Ⅱ**10′00 -747 Apr 28 j 00:14 15°**8**12'52 retrograde retrograde -748 May 21 j 07:12 4°**Ⅲ**32'42 -747 Apr 30 j 20:32 evening set evening set 14°855'00 -748 May 27 j 21:32 -747 May 01 j 05:26 min. Earth dist. 1°**I**I25'11 0.56230 AU 14°**8**50'09 desc. node -748 May 30 j 05:12 -747 May 09 j 10:40 0°**I**100'18 -3°53'58 min. Earth dist. 11°**8**13'47 0.55205 AU inferior conj 0°**Ⅱ**10'02 3°52'41 -748 May 29 j 22:51 -747 May 10 j 05:56 10°**8**46'35 -2°28'27 minimum elong inferior conj -748 May 30 j 05:24 -747 May 09 j 23:37 10°**8**55'31 2°26'28 30°₽**८** minimum elong -748 Jun 07 j 17:26 26°**8**01'25 -747 May 19 j 04:18 6°**8**51'31 morning rise morning rise -748 Jun 10 j 08:18 -747 May 22 j 00:06 6°**8**33'26 direct 25°**8**43'51 direct -748 Jun 19 j 23:10 -747 Jun 02 j 16:34  $\Pi$  $^{\circ}0$ morning max el 12°**8**01'33 21°16'31 morning max el -748 Jun 20 j 08:58 0°**I**22'16 19°56'06 -747 Jun 15 j 15:23  $\Pi^{\circ}0$ -748 Jul 01 j 03:41 15°**Ⅱ**11'40 asc. node -747 Jun 18 j 00:46 4°**Ⅲ**27'12 asc. node -748 Jul 08 j 08:11 28°**Ⅲ**59'05 -747 Jun 22 j 16:08 13°**Ⅲ**44'11 morning set morning set -748 Jul 08 j 20:13 0ಂತಾ -747 Jun 30 j 02:10 29° II 13'15 1°38'08 superior conj -748 Jul 16 j 04:36 14°954'22 1°46'08 -747 Jun 30 j 00:07 29°**Ⅲ**02'35 1°37'58 superior conj minimum elong -748 Jul 16 j 03:39 14°9549'36 1°46'07 -747 Jun 30 j 11:13 0ಂತಾ minimum elong max. Earth dist. -748 Jul 21 j 16:48 25°538'00 1.36961 AU max. Earth dist. -747 Jul 04 j 03:39 7°529'30 1.35303 AU -748 Jul 24 i 00:53 -747 Jul 08 j 12:13  $0^{\circ}\Omega$ evening rise 15°958'55 -748 Jul 25 j 14:01 evening rise 2°**Ω**49'39 -747 Jul 16 i 06:43  $0^{\circ}\Omega$ -747 Jul 28 j 04:47 desc. node -748 Aug 10 j 07:45 28°Ω50'10 desc. node 18°**Ω**47'13 -748 Aug 11 j 02:26 0° m -747 Aug 05 i 13:43 0° m -748 Aug 30 j 10:20 24° m/33'12 25°39'53 evening max el -747 Aug 12 j 22:11 8° m 08'04 26°38'53 evening max el -748 Sep 06 j 08:26 0∘**⊽** -747 Aug 25 j 20:53 15° m 22'54 retrograde -748 Sep 11 j 16:03 1°**≏**34'40 evening set -747 Sep 01 j 11:53 12° m 39'01 retrograde -748 Sep 16 j 10:53 -747 Sep 05 j 12:32 8° m/29'11 0.65932 AU 30°R M min. Earth dist.  $6^{\circ}$  Mp  $28'27 - 2^{\circ}13'55$ evening set -748 Sep 17 j 17:36 29° m 00'58 inferior conj -747 Sep 07 j 04:52 min. Earth dist. -748 Sep 22 j 01:44 24° m 13'50 0.66826 AU minimum elong -747 Sep 07 j 08:11 6° m 18'32 2°12'40 -748 Sep 23 j 06:05 22° m 43'02 -1°18'56 morning rise -747 Sep 13 j 04:53 0° m 43'48 inferior conj minimum elong -748 Sep 23 j 08:03 22° m/36'44 1°18'07 asc. node -747 Sep 13 j 23:56 0° m 21'04 -748 Sep 27 j 02:53 -747 Sep 15 j 04:42 30°**ŖΩ** asc. node 18° **m**) 14'07 -748 Sep 28 j 22:43 -747 Sep 16 j 03:46 29°**Ω**54'48 morning rise 16° Mp 46'53 direct -748 Oct 02 j 06:02 -747 Sep 17 j 03:01 direct 15° m 43'45 0° m morning max el -748 Oct 09 j 08:54 19° **m** 45'44 19°17'55 morning max el -747 Sep 22 j 19:58 3°m/35'54 18°32'42 -748 Oct 17 j 10:04 0∘**⊽** -747 Oct 10 j 21:23 0∘**⊽** morning set -748 Nov 01 j 20:09 23°**₽**33'02 morning set -747 Oct 12 j 22:56 3°**₽**19'16 desc. node -748 Nov 05 j 23:20 0°M -747 Oct 24 j 04:05 21° 2 12'08 desc. node -748 Nov 06 j 07:01 0°M29'57 max. Earth dist. -748 Nov 15 j 16:21 15°M14'10 1.44631 AU -747 Oct 28 j 14:33 28°**♀**11'49 -0°28'40 superior conj -747 Oct 28 j 10:46 minimum elong 27°**£**56'57 0°28'10

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 83 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: The | he year -900 in                         | astronomical cour | nting style is the year | 901 BCE in historical cou | inting style.            |             |
|---------------------|------------------------------|---|-------------------|-------------------------|---------------------------|--------------------------|-------------|
| max. Earth dist.    | -747 Oct 29 j 10:34          | 29° <b>₽</b> 30'32                      | 1.45001 AU        | desc. node              | -746 Oct 11 j 01:08       | 11° <b>≙</b> 58′01       |             |
|                     | -747 Oct 29 j 18:03          | 0°M                                     |                   | max. Earth dist.        | -746 Oct 12 j 05:17       | 13° <b>≏</b> 49'38       | 1.44627 AU  |
| evening rise        | -747 Nov 13 j 17:32          | 23°M36'03                               |                   |                         | -746 Oct 22 j 13:21       | 0° <b>M</b> ₊            |             |
| -                   | -747 Nov 17 j 18:24          | 0° <b>∡</b> ¹                           |                   | evening rise            | -746 Oct 24 j 09:28       | 2°M50'41                 |             |
| greatest brilliancy | -747 Nov 22 j 18:37          | 7° <b>∡</b> 754'37                      | -0.8m             | greatest brilliancy     | -746 Nov 07 j 01:42       | 23°M41'33                | -0.6m       |
| evening max el      | -747 Dec 06 j 03:34          | 26° <b>х</b> 36′01                      | 19°06'22          | , ,                     | -746 Nov 11 j 09:48       | 0° <b>√</b>              |             |
| asc. node           | -747 Dec 10 j 23:14          | 0° <b>ರ</b> 09'01                       |                   | evening max el          | -746 Nov 19 j 09:13       | 10° <b>∡</b> 03'58       | 19°59'02    |
|                     | -747 Dec 10 j 14:34          | 0°る                                     |                   | retrograde              | -746 Nov 26 j 23:54       | 14° <b>₹</b> 31'21       |             |
| retrograde          | -747 Dec 13 j 02:31          | 0° <b>る</b> 34'17                       |                   | asc. node               | -746 Nov 27 j 20:15       | 14° <b>₹</b> 27'14       |             |
| 101108111110        | -747 Dec 15 j 12:49          | 30°R. <b>✓</b>                          |                   | evening set             | -746 Nov 30 j 14:38       | 13° <b>х</b> 15'04       |             |
| evening set         | -747 Dec 16 j 09:17          | 29° <b>х</b> 31'48                      |                   | inferior conj           | -746 Dec 06 j 02:06       | 7° <b>₹</b> 12'54        | 2°33'51     |
| inferior conj       | -747 Dec 22 j 00:55          | 23°×743'07                              | 3°10'38           | minimum elong           | -746 Dec 05 j 23:19       | 7° 🖈 12 34<br>7° 🖈 22'10 | 2°32'59     |
| minimum elong       | -747 Dec 21 j 22:07          | 23° <b>х</b> 4307<br>23° <b>х</b> 51'57 | 3°09'58           | min. Earth dist.        | -746 Dec 06 j 23:42       | 6° ₹ 00'56               | 0.66729 AU  |
| •                   | ·                            |   |                   |                         | •                         | 1° <b>₹</b> '00'02       | 0.00729 AU  |
| min. Earth dist.    | -747 Dec 23 j 12:01          | 21° 🖈 52'27                             | 0.65768 AU        | morning rise            | -746 Dec 11 j 07:49       |                          |             |
| morning rise        | -747 Dec 27 j 10:41          | 17° 🗷 33'10                             |                   | 1.                      | -746 Dec 12 j 13:39       | 30°RM                    |             |
| direct              | -746 Jan 02 j 21:51          | 14° 🖈 43'38                             | 26020110          | direct                  | -746 Dec 17 j 05:16       | 28°M23'39                |             |
| morning max el      | -746 Jan 15 j 17:17          | 22° <b>х</b> 15'10                      | 26°28'19          |                         | -746 Dec 22 j 09:37       | 0° <b>⊼</b>              |             |
| desc. node          | -746 Jan 20 j 03:16          | 27° <b>∡</b> 04'28                      |                   | morning max el          | -746 Dec 29 j 02:09       | 5° <b>₹</b> 26'56        | 25°13'45    |
|                     | -746 Jan 22 j 13:19          | 0°ප                                     |                   | desc. node              | -745 Jan 07 j 00:20       | 15° <b>∡</b> 53'14       |             |
|                     | -746 Feb 11 j 19:49          | 0° <b>≈</b>                             |                   |                         | -745 Jan 17 j 01:47       | 0°ಕ                      |             |
| morning set         | -746 Feb 20 j 19:05          | 16° <b>≈</b> 01'45                      |                   | morning set             | -745 Feb 03 j 08:02       | 28° <b>る</b> 21'28       |             |
| max. Earth dist.    | -746 Feb 24 j 22:47          | 24° <b>≈</b> 02'39                      | 1.34930 AU        |                         | -745 Feb 04 j 05:51       | 0° <b>≈</b>              |             |
|                     | -746 Feb 27 j 22:10          | 0° <b>)</b> €                           |                   | max. Earth dist.        | -745 Feb 07 j 01:03       | 5° <b>≈</b> 09'33        | 1.36637 AU  |
| superior conj       | -746 Mar 01 j 13:11          | 3° <b>)</b> 19'17                       | -1°11'13          | superior conj           | -745 Feb 13 j 03:20       | 16° <b>≈</b> 53'51       | -1°33'58    |
| minimum elong       | -746 Mar 01 j 16:24          | 3° <b>)</b> 35′51                       | 1°10'42           | minimum elong           | -745 Feb 13 j 07:04       | 17°≈12'18                | 1°33'32     |
| asc. node           | -746 Mar 08 j 22:35          | 18° <b>)</b> 41′20                      |                   |                         | -745 Feb 19 j 15:36       | 0° <b>∀</b>              |             |
| evening rise        | -746 Mar 09 j 04:49          | 19° <b>)</b> 13′30                      |                   | evening rise            | -745 Feb 21 j 08:48       | 3° <b>¥</b> 28'15        |             |
| 8 11                | -746 Mar 14 j 14:42          | 0° <b>Υ</b>                             |                   | asc. node               | -745 Feb 23 j 19:38       | 8° <b>)</b> €21'40       |             |
| evening max el      | -746 Mar 28 j 05:02          | 19° <b>Υ</b> 55'19                      | 20°49'04          |                         | -745 Mar 09 j 05:33       | 0°Υ                      |             |
| retrograde          | -746 Apr 08 j 13:10          | 25° <b>Υ</b> 23'06                      | 20 1701           | evening max el          | -745 Mar 10 j 17:26       | 1° <b>Υ</b> 32'29        | 19°39'08    |
| evening set         | -746 Apr 10 j 18:37          | 25° <b>Υ</b> 11'17                      |                   | retrograde              | -745 Mar 20 j 08:35       | 6°Υ09'22                 | 17 37 00    |
| desc. node          | -746 Apr 18 j 02:28          | 22° <b>Υ</b> 18'08                      |                   | evening set             | -745 Mar 22 j 12:33       | 5°Υ56'24                 |             |
| inferior conj       | -746 Apr 20 j 00:19          | 21°Υ13'38                               | 0.033143          | inferior conj           | -745 Mar 31 j 02:59       | 1° <b>Υ</b> 52'37        | 1020124     |
| -                   |                              |   |                   | 3                       | -                         | 1 ° <b>γ</b> 47'30       | 1°19'31     |
| minimum elong       | -746 Apr 19 j 22:47          | 21°Υ15'51                               |                   | minimum elong           | -745 Mar 31 j 06:13       |                          |             |
| min. Earth dist.    | -746 Apr 20 j 23:58          | 20° <b>Υ</b> 39'56                      | 0.55090 AU        | min. Earth dist.        | -745 Apr 02 j 14:16       | 0°Υ19'16                 | 0.55913 AU  |
| morning rise        | -746 Apr 29 j 02:16          | 17° <b>Υ</b> 04'36                      |                   |                         | -745 Apr 03 j 02:55       | 30° <b>₹</b>             |             |
| direct              | -746 May 02 j 11:08          | 16° <b>Y</b> 40′03                      |                   | desc. node              | -745 Apr 04 j 23:29       | 28° <b>¥</b> 56′08       |             |
| morning max el      | -746 May 15 j 13:58          | 22° <b>Y</b> 59'53                      | 22°52'01          | morning rise            | -745 Apr 08 j 21:23       | 27° <b>)</b> 13′56       |             |
|                     | -746 May 21 j 18:23          | 0° <b>8</b>                             |                   | direct                  | -745 Apr 13 j 05:24       | 26° <b>∺</b> 31'56       |             |
| asc. node           | -746 Jun 04 j 21:51          | 24° <b>8</b> 05'27                      |                   |                         | -745 Apr 22 j 21:59       | 0° <b>Υ</b>              |             |
| morning set         | -746 Jun 07 j 02:59          | 28° <b>8</b> 39'27                      |                   | morning max el          | -745 Apr 27 j 05:32       | 3° <b>Y</b> 33'58        | 24°32'36    |
|                     | -746 Jun 07 j 18:20          | $\Pi$ $\circ 0$                         |                   |                         | -745 May 15 j 18:35       | $8^{\circ 0}$            |             |
|                     |                              |   |                   | morning set             | -745 May 22 j 15:00       | 13° <b>8</b> 39'06       |             |
| superior conj       | -746 Jun 14 j 06:36          | 13° <b>Ⅱ</b> 53'19                      | 1°24'34           | asc. node               | -745 May 22 j 18:56       | 13° <b>8</b> 59'51       |             |
| minimum elong       | -746 Jun 14 j 04:06          | 13° <b>Ⅲ</b> 39'58                      | 1°24'15           |                         |                           |                          |             |
| max. Earth dist.    | -746 Jun 17 j 00:11          | 19° <b>Ⅲ</b> 39'12                      | 1.34008 AU        | superior conj           | -745 May 29 j 15:25       | 28° <b>8</b> 46'36       | 1°06'40     |
| evening rise        | -746 Jun 22 j 00:20          | 29° <b>Ⅱ</b> 50′00                      |                   | minimum elong           | -745 May 29 j 13:00       | 28° <b>8</b> 33'35       | 1°06'16     |
|                     | -746 Jun 22 j 02:22          | 0°€                                     |                   |                         | -745 May 30 j 04:58       | $\Pi^{\circ}0$           |             |
|                     | -746 Jul 09 j 08:08          | $0^{\circ}\Omega$                       |                   | max. Earth dist.        | -745 May 31 j 05:19       | 2° <b>Ⅱ</b> 11'29        | 1.33095 AU  |
| desc. node          | -746 Jul 15 j 01:49          | 8° <b>Ω</b> 13'54                       |                   | evening rise            | -745 Jun 05 j 22:22       | 14° <b>Ⅱ</b> 10'57       |             |
| evening max el      | -746 Jul 26 j 09:57          | 21° <b>Ω</b> 31'31                      | 27°15'55          | Č                       | -745 Jun 14 j 04:41       | 0ಂಣ                      |             |
| retrograde          | -746 Aug 08 j 20:04          | 28° <b>£</b> 51′02                      |                   | desc. node              | -745 Jul 01 j 22:49       | 26°957'28                |             |
| evening set         | -746 Aug 15 j 21:13          | 26° <b>Ω</b> 05'33                      |                   |                         | -745 Jul 04 j 12:23       | 0°N                      |             |
| min. Earth dist.    | -746 Aug 19 j 15:15          | 22° <b>Ω</b> 32'27                      | 0.64673 AU        | evening max el          | -745 Jul 08 j 19:42       | 4° <b>Ω</b> 30'40        | 27°24'34    |
| inferior conj       | -746 Aug 21 j 20:44          | 20° <b>Ω</b> 05'56                      |                   | retrograde              | -745 Jul 22 j 13:14       | 11° <b>Ω</b> 50'20       | 2/ 2434     |
| minimum elong       | -746 Aug 22 j 01:03          | 19° <b>£</b> 05'30                      |                   | evening set             | -745 Jul 29 j 18:13       | 9° <b>Ω</b> 15'16        |             |
| •                   |                              |   | J UT 444          | •                       | -                         |                          | 0.62050 411 |
| morning rise        | -746 Aug 28 j 05:36          | 14° <b>Ω</b> 36'18                      |                   | min. Earth dist.        | -745 Aug 02 j 08:11       | 6° <b>Ω</b> 13'37        |             |
| direct              | -746 Aug 30 j 22:27          | 13° <b>Ω</b> 58′01                      |                   | inferior conj           | -745 Aug 05 j 02:55       | 3° <b>£</b> 29'34        |             |
| asc. node           | -746 Aug 31 j 21:01          | 14° <b>Ω</b> 02'42                      | 10004120          | minimum elong           | -745 Aug 05 j 07:27       | 3° <b>Ω</b> 18′21        | 3-30/34     |
| morning max el      | -746 Sep 06 j 10:38          | 17° <b>Ω</b> 26'47                      | 18°04'20          |                         | -745 Aug 09 j 00:08       | 30°Rூ                    |             |
|                     | -746 Sep 15 j 13:25          | 0° <b>m</b>                             |                   | morning rise            | -745 Aug 11 j 21:51       | 28°5518'15               |             |
| morning set         | -746 Sep 24 j 06:02          | 14° mp 28'14                            |                   | direct                  | -745 Aug 14 j 11:00       | 27°5647'47               |             |
|                     | -746 Oct 03 j 14:41          | 0∘ <b>⊽</b>                             |                   | asc. node               | -745 Aug 18 j 18:06       | 29° <b>©</b> 15'44       |             |
|                     |                              |   |                   |                         | -745 Aug 19 j 17:56       | $0$ $\circ$ $\Omega$     |             |
| superior conj       | -746 Oct 07 j 22:24          | 6° <b>£</b> 59'35                       | 0°20'21           | morning max el          | -745 Aug 21 j 02:12       | 1° <b>Ω</b> 12'44        | 17°53'43    |
| minimum elong       | -746 Oct 08 j 00:48          | 7° <b>≏</b> 09'14                       | 0°20'01           | morning set             | -745 Sep 06 j 13:01       | 26° <b>Ω</b> 45'24       |             |
|                     |                              |   |                   |                         |                           |                          |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 84 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: The | he year -900 in                    | astronomical cou                        | nting style is the year | 901 BCE in historical cou | ınting style.         |               |
|---------------------|-------------------------------|------------------------------------|---|-------------------------|---------------------------|-----------------------|---------------|
|                     | -745 Sep 08 j 09:11           | O° My                              |   | minimum elong           | -744 Aug 29 j 21:51       | 28° <b>Ω</b> 40′23    | 1°28'10       |
|                     |                               |                                    |   |                         | -744 Aug 30 j 16:00       | 0° <b>m</b>           |               |
| superior conj       | -745 Sep 18 j 06:15           | 16° <b>m</b> 59'40                 | 1°01'00                                 | max. Earth dist.        | -744 Sep 06 j 07:04       | 11° <b>m</b> ) 18'52  | 1.41975 AU    |
| minimum elong       | -745 Sep 18 j 11:21           | 17° m/21'01                        | 1°00'23                                 | evening rise            | -744 Sep 12 j 06:50       | 21°Mp04'13            |               |
| max. Earth dist.    | -745 Sep 24 j 20:54           | 27° m 51'13                        | 1.43571 AU                              | desc. node              | -744 Sep 13 j 19:09       | 23° m 28'18           |               |
|                     | -745 Sep 26 j 04:57           | 0∘ <b>ʊ</b>                        |   |                         | -744 Sep 17 j 23:43       | 0∘ <b>⊽</b>           |               |
| desc. node          | -745 Sep 27 j 22:08           | ა <b>—</b><br>2° <b>ჲ</b> 44'18    |   |                         | -744 Oct 09 j 01:19       | 0°M                   |               |
| evening rise        | -745 Oct 03 j 15:42           | 11° <b>≏</b> 43'44                 |   | evening max el          | -744 Oct 05 j 01:15       | 6°M59'39              | 22°20'48      |
| evening rise        |                               |                                    |   | •                       |                           |                       | 22 20 46      |
|                     | -745 Oct 15 j 17:24           | 0°M                                |   | retrograde              | -744 Oct 24 j 16:58       | 12°M41'09             |               |
| evening max el      | -745 Nov 02 j 09:07           | 23°M31'16                          | 21°05'06                                | evening set             | -744 Oct 29 j 05:42       | 10°M51'46             |               |
| retrograde          | -745 Nov 10 j 21:19           | 28°M34'19                          |   | asc. node               | -744 Oct 31 j 14:20       | 8°M28'33              |               |
| evening set         | -745 Nov 14 j 22:02           | 27°M02'18                          |   | inferior conj           | -744 Nov 03 j 13:51       | 4°M33'04              | 1°00'51       |
| asc. node           | -745 Nov 14 j 17:18           | 27°MJ11'10                         |   | minimum elong           | -744 Nov 03 j 12:29       | 4° <b>™</b> 37'49     | 1°00'16       |
| inferior conj       | -745 Nov 20 j 07:03           | 20°M50'00                          | 1°49'58                                 | min. Earth dist.        | -744 Nov 03 j 12:51       | 4°M36'32              | 0.67601 AU    |
| minimum elong       | -745 Nov 20 j 04:47           | 20°M57'48                          | 1°49'06                                 |                         | -744 Nov 07 j 02:31       | 30° <b>₽</b> Ω        |               |
| min. Earth dist.    | -745 Nov 20 j 16:47           | 20°M16'37                          | 0.67329 AU                              | morning rise            | -744 Nov 08 j 19:08       | 28° <b>≏</b> 20'43    |               |
| morning rise        | -745 Nov 25 j 11:23           | 14°M36'16                          | *************************************** | direct                  | -744 Nov 13 j 10:23       | 26° <b>≏</b> 26'02    |               |
| direct              | -745 Nov 30 j 17:40           | 12°M19'24                          |   | direct                  | -744 Nov 20 j 17:42       | 0°M                   |               |
|                     |                               |                                    | 22047150                                |                         | •                         |                       | 22020144      |
| morning max el      | -745 Dec 11 j 10:50           | 18°M42'47                          | 23°47'58                                | morning max el          | -744 Nov 22 j 22:04       | 2°M03'17              | 22°20'44      |
|                     | -745 Dec 20 j 22:59           | 0° <b>∡</b>                        |   | desc. node              | -744 Dec 10 j 18:24       | 25°M15'23             |               |
| desc. node          | -745 Dec 24 j 21:22           | 5° <b>҂</b> 20′23                  |   |                         | -744 Dec 13 j 23:23       | 0° <b>√</b>           |               |
|                     | -744 Jan 10 j 05:06           | 0°ප                                |   | morning set             | -744 Dec 26 j 07:22       | 19° <b>∡</b> 12'57    |               |
| morning set         | -744 Jan 15 j 21:57           | 9° <b>る</b> 29'20                  |   | max. Earth dist.        | -744 Dec 31 j 17:02       | 28° <b>₹</b> 09'24    | 1.40769 AU    |
| max. Earth dist.    | -744 Jan 19 j 20:32           | 16° <b>පි</b> 20'19                | 1.38659 AU                              |                         | -743 Jan 01 j 19:09       | o°B                   |               |
|                     | ,                             |                                    |   |                         | ,                         |                       |               |
| superior conj       | -744 Jan 27 j 04:35           | 29° <b>る</b> 45'33                 | -1°51'30                                | superior conj           | -743 Jan 08 j 12:11       | 11° <b>る</b> 42'57    | -2°00'23      |
| minimum elong       | -744 Jan 27 j 07:43           | 0°≈00'23                           |   | minimum elong           | -743 Jan 08 j 12:59       | 11° <b>ろ</b> 46'28    |               |
| minimum clong       |                               |                                    | 1 31 16                                 | minimum ciong           | -                         |                       | 2 00 22       |
|                     | -744 Jan 27 j 07:38           | 0°≈                                |   |                         | -743 Jan 18 j 10:04       | 0°≈                   |               |
| evening rise        | -744 Feb 05 j 05:31           | 17°≈15'15                          |   | evening rise            | -743 Jan 18 j 15:52       | 0° <b>≈</b> 27'13     |               |
| asc. node           | -744 Feb 10 j 16:39           | 27° <b>≈</b> 40'45                 |   | asc. node               | -743 Jan 27 j 13:39       | 16° <b>≈</b> 31'42    |               |
|                     | -744 Feb 11 j 23:30           | 0° <b>ℋ</b>                        |   | evening max el          | -743 Feb 03 j 22:20       | 26° <b>≈</b> 28'41    | 18°18'22      |
| evening max el      | -744 Feb 21 j 16:03           | 13° <b>) (</b> 45′49               | 18°48'43                                |                         | -743 Feb 10 j 08:15       | 0° <b>∀</b>           |               |
| retrograde          | -744 Feb 29 j 20:11           | 17° <b>)</b> 43'09                 |   | retrograde              | -743 Feb 11 j 02:18       | 0° <b>)</b> €02'21    |               |
| evening set         | -744 Mar 03 j 04:20           | 17° <b>)</b> 24′57                 |   |                         | -743 Feb 11 j 20:28       | 30°R≈                 |               |
| inferior conj       | -744 Mar 11 j 00:00           | 13° <b>)</b> €04'56                | 2°45'01                                 | evening set             | -743 Feb 13 j 15:22       | 29°≈36'29             |               |
| minimum elong       | -744 Mar 11 j 04:26           | 12° <b>)</b> € 56'47               |   | inferior conj           | -743 Feb 20 j 17:57       |                       | 3°33'44       |
| min. Earth dist.    | -744 Mar 14 j 06:52           | 10° <b>)</b> (3047                 |   | minimum elong           | -743 Feb 20 j 20:46       | 24°≈49'54             | 3°33'20       |
|                     |                               |                                    | 0.57467 AU                              | •                       | •                         |                       |               |
| morning rise        | -744 Mar 19 j 01:37           | 7° <b>¥</b> 53'55                  |   | min. Earth dist.        | -743 Feb 24 j 03:44       | 22°≈02'31             | 0.59488 AU    |
| desc. node          | -744 Mar 21 j 20:32           | 6° <b>∺</b> 58'31                  |   | morning rise            | -743 Feb 27 j 23:56       | 19° <b>≈</b> 20′39    |               |
| direct              | -744 Mar 24 j 13:18           | 6° <b>)</b> 40′34                  |   | direct                  | -743 Mar 06 j 10:15       | 17° <b>≈</b> 28′50    |               |
| morning max el      | -744 Apr 07 j 21:08           | 14° <b>₩</b> 09'44                 | 26°03'46                                | desc. node              | -743 Mar 08 j 17:34       | 17° <b>≈</b> 42'45    |               |
|                     | -744 Apr 20 j 11:00           | $0$ $^{\circ}$ $\mathbf{\Upsilon}$ |   | morning max el          | -743 Mar 20 j 17:19       | 25°≈11'58             | 27°10'45      |
| morning set         | -744 May 06 j 02:29           | 28° <b>Ƴ</b> 36'53                 |   |                         | -743 Mar 25 j 03:52       | 0° <b>∀</b>           |               |
| -                   | -744 May 06 j 18:15           | 0°8                                |   |                         | -743 Apr 13 j 16:52       | $0^{\circ}\mathbf{Y}$ |               |
| asc. node           | -744 May 08 j 15:59           | 4° <b>8</b> 04'30                  |   | morning set             | -743 Apr 20 j 11:46       | 13° <b>Y</b> 26'36    |               |
|                     | ,                             | . •                                |   | asc. node               | -743 Apr 25 j 13:00       | 24° <b>Υ</b> 14'44    |               |
| superior conj       | -744 May 13 j 02:34           | 13° <b>8</b> 45'51                 | 0045124                                 | max. Earth dist.        | -743 Apr 27 j 04:54       | 27°Υ53'02             | 1.32375 AU    |
|                     |                               |                                    |   | max. Earth dist.        | -/43 Apr 2/ J 04.34       | 27 1 33 02            | 1.32373 AU    |
| minimum elong       | -744 May 13 j 00:43           | 13° <b>8</b> 35'43                 |   |                         | 742 4 07:1110             | 200004444             | 0021127       |
| max. Earth dist.    | -744 May 13 j 16:03           | 14° <b>8</b> 59'39                 | 1.32553 AU                              | superior conj           | -743 Apr 27 j 14:19       | 28° <b>Y</b> 44'44    |               |
| evening rise        | -744 May 20 j 03:10           | 28° <b>8</b> 51'34                 |   | minimum elong           | -743 Apr 27 j 13:22       | 28° <b>Ƴ</b> 39'30    | 0°21'24       |
|                     | -744 May 20 j 16:24           | $\Pi^{\circ}0$                     |   |                         | -743 Apr 28 j 04:02       | $8^{\circ 0}$         |               |
|                     | -744 Jun 06 j 10:43           | $0$ $\circ$ $\odot$                |   | evening rise            | -743 May 04 j 12:17       | 13° <b>8</b> 43'26    |               |
| desc. node          | -744 Jun 17 j 19:49           | 14° <b>©</b> 39'57                 |   |                         | -743 May 12 j 18:20       | $\Pi^{\circ}0$        |               |
| evening max el      | -744 Jun 20 j 01:02           | 16°953'41                          | 27°00'55                                | evening max el          | -743 Jun 02 j 00:08       | 28° <b>∏</b> 32'52    | 26°05'03      |
| retrograde          | -744 Jul 03 j 23:40           | 24°©11'33                          |   | C                       | -743 Jun 03 j 14:21       | 0ಂಣ                   |               |
| evening set         | -744 Jul 10 j 22:46           | 22° <b>©</b> 01'11                 |   | desc. node              | -743 Jun 04 j 16:51       | 0°955'27              |               |
| min. Earth dist.    | -744 Jul 10 j 22:40           |                                    | 0.61124 AU                              | retrograde              | -743 Jun 16 j 01:32       | 5° <b>©</b> 46'39     |               |
|                     |                               |                                    |   |                         |                           |                       |               |
| inferior conj       | -744 Jul 17 j 20:12           | 16°931'50                          |   | evening set             | -743 Jun 22 j 06:18       | 4°9512'44             | 0.500000 : ** |
| minimum elong       | -744 Jul 17 j 23:33           | 16°524'31                          | 4°25'48                                 | min. Earth dist.        | -743 Jun 26 j 12:56       |                       | 0.59066 AU    |
| morning rise        | -744 Jul 25 j 02:04           | 11° <b>©</b> 41'33                 |   |                         | -743 Jun 28 j 14:55       | 30°Ŗ <b>Ⅱ</b>         |               |
| direct              | -744 Jul 27 j 13:45           | 11° <b>©</b> 16'31                 |   | inferior conj           | -743 Jun 29 j 20:56       | 29° <b>Ⅱ</b> 02'44    | -4°40'30      |
| morning max el      | -744 Aug 03 j 15:44           | 14°5546'49                         | 18°01'51                                | minimum elong           | -743 Jun 29 j 21:09       | 29° <b>∏</b> 02'21    | 4°40'30       |
| asc. node           | -744 Aug 04 j 15:10           | 15° <b>5</b> 47'00                 |   | morning rise            | -743 Jul 07 j 14:18       | 24° <b>Ⅲ</b> 34'35    |               |
|                     | -744 Aug 14 j 03:22           | $0^{\circ}\Omega$                  |   | direct                  | -743 Jul 10 j 02:27       | 24° <b>Ⅲ</b> 13'15    |               |
| morning set         | -744 Aug 19 j 14:02           | 9° <b>Ω</b> 54'58                  |   | morning max el          | -743 Jul 18 j 00:07       | 27° <b>Ⅲ</b> 59'38    | 18°29'49      |
|                     |                               | 2 000100                           |   | June of                 | -743 Jul 19 j 21:49       | 0°95                  | ,             |
| superior conj       | -744 Aug 29 j 17:34           | 28° <b>Ω</b> 21'29                 | 1028122                                 | asc. node               | -743 Jul 19 j 21:49       | 0 €<br>3°€20'21       |               |
| superior conj       | -/++ Aug 27 J 1/.34           | 20 0621 29                         | 1 40 34                                 | asc. Hour               | -145 Jul 22 J 12.13       | 12021 <b>دد</b> د     |               |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 85 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl                | ne year -900 in                         | astronomical cou | nting style is the year | 901 BCE in historical cou                  | inting style.             |            |
|---------------------|--|---|------------------|-------------------------|--|---------------------------|------------|
| morning set         | -743 Aug 03 j 04:00                        | 23°5642'44                              |                  | morning rise            | -742 Jun 19 j 07:30                        | 6° <b>Ⅱ</b> 45'56         |            |
|                     | -743 Aug 06 j 10:19                        | $0^{\circ}\Omega$                       |                  | direct                  | -742 Jun 21 j 21:20                        | 6° <b>Ⅲ</b> 27′12         |            |
|                     |  |   |                  | morning max el          | -742 Jul 01 j 00:27                        | 10° <b>Ⅱ</b> 42'13        | 19°18'32   |
| superior conj       | -743 Aug 12 j 03:57                        | 10° <b>Ω</b> 51'54                      | 1°43'22          | asc. node               | -742 Jul 09 j 09:17                        | 21° <b>∏</b> 42'14        |            |
| minimum elong       | -743 Aug 12 j 06:03                        | 11° <b>Ω</b> 01'42                      | 1°43'17          |                         | -742 Jul 14 j 00:53                        | $0$ $\circ$ $\odot$       |            |
| max. Earth dist.    | -743 Aug 19 j 12:06                        | 24° <b>Ω</b> 04'08                      | 1.40053 AU       | morning set             | -742 Jul 18 j 03:07                        | 7° <b>9</b> 58'51         |            |
|                     | -743 Aug 22 j 23:17                        | 0° <b>™</b>                             |                  |                         |  |                           |            |
| evening rise        | -743 Aug 23 j 20:08                        | 1° <b>™</b> 27'22                       |                  | superior conj           | -742 Jul 26 j 07:43                        | 24° <b>©</b> 15'17        |            |
| desc. node          | -743 Aug 31 j 16:11                        | 14° <b>m</b> 05'51                      |                  | minimum elong           | -742 Jul 26 j 07:43                        | 24° <b>©</b> 15'17        | 1°47'37    |
|                     | -743 Sep 11 j 08:28                        | 0∘ <b>⊽</b>                             |                  |                         | -742 Jul 29 j 07:24                        | $0$ $^{\circ}$ $\Omega$   |            |
| evening max el      | -743 Sep 27 j 17:10                        | 20° <b>≏</b> 30'39                      | 23°40'57         | max. Earth dist.        | -742 Aug 01 j 15:11                        | 6° <b>Ω</b> 12'07         | 1.38059 AU |
| retrograde          | -743 Oct 08 j 09:28                        | 26° <b>≏</b> 48'30                      |                  | evening rise            | -742 Aug 05 j 10:28                        | 13° <b>Ω</b> 02'06        |            |
| evening set         | -743 Oct 13 j 11:59                        | 24° <b>≏</b> 40'51                      |                  |                         | -742 Aug 15 j 14:58                        | 0° <b>™</b>               |            |
| asc. node           | -743 Oct 18 j 11:23                        | 18° <b>≏</b> 51'23                      |                  | desc. node              | -742 Aug 18 j 13:13                        | 4° m∕ 32′25               |            |
| inferior conj       | -743 Oct 18 j 20:42                        | 18° <b>≏</b> 19'34                      |                  |                         | -742 Sep 06 j 08:39                        | 0∘ <b>⊽</b>               |            |
| minimum elong       | -743 Oct 18 j 20:30                        | 18° <b>≏</b> 20'14                      |                  | evening max el          | -742 Sep 10 j 04:55                        | 4° <b>≏</b> 05'17         | 24°58'52   |
| transit middle      | -743 Oct 18 j 20:30                        | 18° <b>≏</b> 20'14                      | 0°07'57          | retrograde              | -742 Sep 21 j 21:53                        | 10° <b>≏</b> 52'56        |            |
| transit begin       | -743 Oct 18 j 18:08                        | 18° <b>≏</b> 28'19                      |                  | evening set             | -742 Sep 27 j 15:11                        | 8° <b>≏</b> 27'49         |            |
| transit end         | -743 Oct 18 j 22:52                        | 18° <b>≏</b> 12'09                      |                  | min. Earth dist.        | -742 Oct 02 j 03:58                        | 3° <b>≏</b> 19'56         |            |
| min. Earth dist.    | -743 Oct 18 j 09:23                        | 18° <b>≏</b> 58'11                      | 0.67559 AU       | inferior conj           | -742 Oct 03 j 01:53                        | 2° <b>♀</b> 07'45         |            |
| morning rise        | -743 Oct 24 j 04:58                        | 12° <b>Ω</b> 11'19                      |                  | minimum elong           | -742 Oct 03 j 03:03                        | 2° <b>≏</b> 03'56         | 0°46'25    |
| direct              | -743 Oct 28 j 06:24                        | 10° <b>Ω</b> 38'31                      |                  |                         | -742 Oct 04 j 17:30                        | 30°₽, <b>TD</b> )         |            |
| morning max el      | -743 Nov 05 j 15:15                        | 15° <b>Ω</b> 31'49                      | 20°59'59         | asc. node               | -742 Oct 05 j 08:27                        | 29° <b>m</b> 14'36        |            |
|                     | -743 Nov 17 j 02:11                        | 0° <b>™</b>                             |                  | morning rise            | -742 Oct 08 j 14:59                        | 26° Mp 06'28              |            |
| desc. node          | -743 Nov 27 j 15:26                        | 15° <b>™</b> 30'02                      |                  | direct                  | -742 Oct 12 j 04:22                        | 24° <b>m</b> 53'24        |            |
| morning set         | -743 Dec 05 j 13:57                        | 27° <b>M</b> 42'17                      |                  | morning max el          | -742 Oct 19 j 16:08                        | 29° m 10'53               | 19°51'01   |
|                     | -743 Dec 07 j 01:04                        | 0° <b>∡</b>                             |                  |                         | -742 Oct 20 j 10:56                        | 0∘ <b>⊽</b>               |            |
| max. Earth dist.    | -743 Dec 13 j 20:42                        | 10° <b>≯</b> ′54'54                     | 1.42672 AU       |                         | -742 Nov 10 j 15:23                        | 0° <b>™</b>               |            |
|                     |  |   |                  | morning set             | -742 Nov 14 j 10:48                        | 5°M52'15                  |            |
| superior conj       | -743 Dec 20 j 20:41                        | 22° <b>₹</b> 32'57                      |                  | desc. node              | -742 Nov 14 j 12:30                        | 5°M58'49                  |            |
| minimum elong       | -743 Dec 20 j 17:12                        | 22° <b>∡</b> 18'11                      | 1°56'09          | max. Earth dist.        | -742 Nov 26 j 08:21                        | 24°M31'01                 | 1.44103 AU |
|                     | -743 Dec 25 j 04:43                        | 0°る                                     |                  |                         | -742 Nov 29 j 18:30                        | 0° <b>⊀</b>               |            |
| evening rise        | -742 Jan 01 j 12:04                        | 12° <b>る</b> 56'05                      |                  |                         | #40 D 01:00 16                             | 20 30045                  | 1025105    |
|                     | -742 Jan 11 j 07:12                        | 0°≈                                     |                  | superior conj           | -742 Dec 01 j 02:16                        | 2° <b>∡</b> 08'17         |            |
| asc. node           | -742 Jan 14 j 10:40                        | 4°≈45'42                                | 10007140         | minimum elong           | -742 Nov 30 j 18:41                        | 1° 🗷 37'36                | 1°34'26    |
| evening max el      | -742 Jan 18 j 09:13                        | 9°≈32'09                                | 18°07'49         | evening rise            | -742 Dec 14 j 13:53                        | 24° <b>∡</b> ³34'19       |            |
| retrograde          | -742 Jan 25 j 00:16                        | 12°≈57'32                               |                  | ,                       | -742 Dec 17 j 18:19                        | 0°る                       |            |
| evening set         | -742 Jan 27 j 17:40                        | 12°≈22'45                               | 2052104          | asc. node               | -741 Jan 01 j 07:43                        | 22°る11'44                 | 10016120   |
| inferior conj       | -742 Feb 03 j 06:31                        | 7°≈20'48                                |                  | evening max el          | -741 Jan 01 j 21:44                        | 22°る48'24                 | 18°16'20   |
| minimum elong       | -742 Feb 03 j 06:58                        | 7°≈19'43                                |                  | retrograde              | -741 Jan 08 j 09:41                        | 26°る18'33                 |            |
| min. Earth dist.    | -742 Feb 06 j 07:30                        | 4°≈22'38                                | 0.61565 AU       | evening set             | -741 Jan 11 j 07:23                        | 25° <b>る</b> 34'02        | 2047152    |
| morning rise        | -742 Feb 09 j 18:57                        | 1°≈29'53                                |                  | inferior conj           | -741 Jan 17 j 09:50                        | 20° <b>ろ</b> 11'56        | 3°47'52    |
| J: 4                | -742 Feb 12 j 10:24                        | 30°Rる                                   |                  | minimum elong           | -741 Jan 17 j 08:24                        | 20° <b>る</b> 15'55        | 3°47'45    |
| direct              | -742 Feb 16 j 17:20                        | 29° <b>る</b> 04'32                      |                  | min. Earth dist.        | -741 Jan 19 j 20:36                        | 17° <b>る</b> 30'11        | 0.63462 AU |
| desc. node          | -742 Feb 21 j 05:17                        | 0°≈<br>1°≈ •00!57                       |                  | morning rise            | -741 Jan 23 j 08:44                        | 14° <b>る</b> 10'53        |            |
|                     | -742 Feb 23 j 14:36                        | 1°≈09'57                                | 27942151         | direct                  | -741 Jan 30 j 08:35                        | 11°る24'45                 |            |
| morning max el      | -742 Mar 02 j 19:43<br>-742 Mar 20 j 08:29 | 6°≈53'50<br>0° <b>)</b> €               | 27°43'51         | desc. node              | -741 Feb 10 j 11:40                        | 16°る47'01<br>19°る14'40    | 27°40'00   |
| morning set         | -742 Mai 20 J 08:29<br>-742 Apr 04 j 16:57 | 28° <b>)</b> € 01'42                    |                  | morning max el          | -741 Feb 13 j 03:06<br>-741 Feb 22 j 07:18 | 0°≈                       | 27 40 00   |
| morning set         | -742 Apr 04 j 10.57                        | 26 <b>γ</b> (0142                       |                  |                         | -741 Mar 13 j 06:18                        | 0 <b>∞</b><br>0° <b>∀</b> |            |
| max. Earth dist.    | -742 Apr 03 j 15:30                        | 10° <b>Υ</b> 38'47                      | 1.32560 AU       | morning set             | -741 Mar 19 j 15:35                        | 12° <b>)</b> 13′03        |            |
| max. Earm dist.     | -/42 Apr 10 J 10.10                        | 10 1 36 47                              | 1.32300 AU       | max. Earth dist.        | -741 Mar 19 j 13.33                        | 23° <b>H</b> 01'54        | 1.33135 AU |
| superior conj       | -742 Apr 12 j 01:01                        | 13° <b>Ƴ</b> 37'24                      | -0°03'59         | max. Earth dist.        | -/41 Widi 24 j 21.43                       | 23 /(01 34                | 1.55155 AO |
| minimum elong       | -742 Apr 12 j 01:12                        | 13° <b>Υ</b> 37'24                      | 0°03'56          | superior conj           | -741 Mar 27 j 08:51                        | 28° <b>)</b> 16'35        | 0°30'27    |
| behind sun begin    | -742 Apr 12 j 01:12                        | 13° <b>Υ</b> 11'23                      | 0 03 30          | minimum elong           | -741 Mar 27 j 10:17                        | 28° <b>H</b> 24'20        |            |
| behind sun end      | -742 Apr 11 j 20:13                        | 14° <b>Υ</b> 05'25                      |                  | ciong                   | -741 Mar 28 j 04:06                        | 26 γ(2420<br>0°γ          | 3 30 07    |
| asc. node           | -742 Apr 12 j 10:02                        | 14° <b>Υ</b> 26'33                      |                  | asc. node               | -741 Mar 30 j 07:04                        | 4° <b>Υ</b> 34'50         |            |
| evening rise        | -742 Apr 12 j 10:02                        | 28° <b>Υ</b> 39'20                      |                  | evening rise            | -741 Apr 03 j 11:21                        | 13° <b>Y</b> 31'20        |            |
| evening 1150        | -742 Apr 18 j 23.39                        | 0° <b>8</b>                             |                  | evening fise            | -741 Apr 03 j 11.21<br>-741 Apr 11 j 20:28 | 0° <b>8</b>               |            |
|                     | -742 May 06 j 14:46                        | 0°H                                     |                  | evening max el          | -741 Apr 11 j 20:28                        | 20° <b>8</b> 07'41        | 23°09'24   |
| evening max el      | -742 May 14 j 17:08                        | 9° <b>П</b> 31'39                       | 24°43'37         | desc. node              | -741 May 09 j 10:53                        | 26° <b>8</b> 48'37        | 23 0727    |
| desc. node          | -742 May 22 j 13:51                        | 15° <b>Ⅱ</b> 10'37                      | <u>~</u> ⊤ ¬JJ   | retrograde              | -741 May 09 j 10.33                        | 26° <b>8</b> 48'51        |            |
| retrograde          | -742 May 28 j 16:17                        | 15 <b>П</b> 1037<br>16° <b>П</b> 35'48  |                  | evening set             | -741 May 13 j 07:16                        | 26° <b>8</b> 21'33        |            |
| evening set         | -742 Jun 02 j 15:06                        | 16 <b>П</b> 3548<br>15° <b>П</b> 40'18  |                  | min. Earth dist.        | -741 May 13 j 07.10                        | 20 <b>8</b> 21 33         | 0.55699 AU |
| min. Earth dist.    | -742 Jun 08 j 04:43                        | 13 <b>∏</b> 40 18<br>12° <b>∏</b> 47'05 | 0.57149 AU       | inferior conj           | -741 May 20 j 17:42                        | 23° <b>8</b> 00'12        |            |
| inferior conj       | -742 Jun 11 j 02:11                        | 12 <b>Ⅱ</b> 47 03<br>10° <b>Ⅱ</b> 53'41 |                  | minimum elong           | -741 May 22 j 11:42                        | 22° <b>8</b> 10'28        |            |
| minimum elong       | -742 Jun 10 j 21:54                        | 10 <b>П</b> 3341<br>11° <b>П</b> 00'43  |                  | morning rise            | -741 May 31 j 04:44                        | 18° <b>8</b> 05'16        | J 2101     |
|                     | , .2 can 10 j 21.54                        | 🗕 🗸                                     |                  |                         | , J. J. J. OT. TT                          | .0 000 10                 |            |

| ,                      | 3  |  |            | //                        | 001 BCE in historical cou                  | , ,                                      | <b>5C</b> 00 |
|------------------------|--|--|------------|---------------------------|--|--|--------------|
| direct                 | -741 Jun 02 j 21:17                        | 17° <b>8</b> 47'52                       |            | morning rise              | -740 May 10 j 08:59                        | 28° <b>Y</b> 35'20                       |              |
| morning max el         | -741 Jun 13 j 14:27                        | 22° <b>8</b> 45'37                       | 20°28'03   | direct                    | -740 May 13 j 08:47                        | 28° <b>Ƴ</b> 15'42                       |              |
|                        | -741 Jun 19 j 18:04                        | $\Pi^{\circ}0$                           |            |                           | -740 May 20 j 02:04                        | $0^{\circ}S$                             |              |
| asc. node              | -741 Jun 26 j 06:21                        | 10° <b>∏</b> 40′30                       |            | morning max el            | -740 May 25 j 17:30                        | 4° <b>8</b> 06'17                        | 21°55'50     |
| morning set            | -741 Jul 02 j 08:28                        | 22° <b>∏</b> 34'57                       |            | asc. node                 | -740 Jun 12 j 03:25                        | 0° <b>Ⅱ</b> 05'56                        |              |
|                        | -741 Jul 05 j 22:58                        | $0$ $\circ$ $\odot$                      |            |                           | -740 Jun 12 j 02:12                        | $\Pi$ °0                                 |              |
|                        |  |  |            | morning set               | -740 Jun 15 j 17:50                        | 7° <b>Ⅱ</b> 24'30                        |              |
| superior conj          | -741 Jul 09 j 23:54                        |  | 1°43'31    |                           |  | —  |              |
| minimum elong          | -741 Jul 09 j 22:24                        | 8°509'28                                 | 1°43'27    | superior conj             | -740 Jun 23 j 00:43                        | 22° <b>Ⅱ</b> 45'49                       | 1°32'59      |
| max. Earth dist.       | -741 Jul 14 j 21:34                        |  | 1.36220 AU | minimum elong             | -740 Jun 22 j 22:23                        | 22° <b>I</b> I33'38                      | 1°32'45      |
| evening rise           | -741 Jul 18 j 22:25                        | 25° <b>©</b> 39'57                       |            | max. Earth dist.          | -740 Jun 26 j 12:08                        | 29° <b>Ⅱ</b> 57'26                       | 1.34700 AU   |
| desc. node             | -741 Jul 21 j 07:30<br>-741 Aug 05 j 10:15 | 0° <b>Ω</b><br>24° <b>Ω</b> 42'11        |            | evening rise              | -740 Jun 26 j 12:38<br>-740 Jul 01 j 03:01 | 0°ഇ<br>9° <b>ഇ</b> 07'58                 |              |
| desc. flode            | -741 Aug 09 j 02:32                        | 0° Mp                                    |            | evening rise              | -740 Jul 12 j 19:44                        | 9°Ω                                      |              |
| evening max el         | -741 Aug 23 j 16:19                        | 17° <b>m</b> ) 41'03                     | 26°07'04   | desc. node                | -740 Jul 22 j 07:16                        | 14° <b>Ω</b> 27'24                       |              |
| retrograde             | -741 Sep 05 j 05:41                        | 24° <b>m</b> ) 49'12                     | 20 07 0.   | acse. noue                | -740 Aug 03 j 23:08                        | 0° m)                                    |              |
| evening set            | -741 Sep 11 j 13:24                        | 22° m 10'03                              |            | evening max el            | -740 Aug 05 j 04:01                        | 1° m) 11'23                              | 26°57'41     |
| min. Earth dist.       | -741 Sep 15 j 18:11                        | -  | 0.66496 AU | retrograde                | -740 Aug 18 j 08:22                        | 8° <b>m</b> 29'54                        |              |
| inferior conj          | -741 Sep 17 j 03:35                        | 15° <b>m</b> 54'55                       | -1°42'27   | evening set               | -740 Aug 25 j 04:15                        | 5° <b>m</b> 43'44                        |              |
| minimum elong          | -741 Sep 17 j 06:09                        | 15°M/46'56                               | 1°41'25    | min. Earth dist.          | -740 Aug 29 j 01:47                        | 1° <b>M</b> 49'59                        | 0.65440 AU   |
| asc. node              | -741 Sep 22 j 05:31                        | 10° <b>m</b> 32'54                       |            | inferior conj             | -740 Aug 30 j 23:43                        | 29° <b>∂</b> 37'13                       | -2°36'35     |
| morning rise           | -741 Sep 22 j 23:12                        | 10° <b>m</b> 03'34                       |            | minimum elong             | -740 Aug 31 j 03:31                        | 29° <b>Ω</b> 26′13                       | 2°35'14      |
| direct                 | -741 Sep 26 j 02:39                        | 9° <b>™</b> 06'56                        |            |                           | -740 Aug 30 j 15:52                        | 30° <b>₹</b> Ω                           |              |
| morning max el         | -741 Oct 03 j 00:06                        | 12° <b>m</b> 58'36                       | 18°56'42   | morning rise              | -740 Sep 06 j 03:22                        | 23° <b>Ω</b> 58'45                       |              |
|                        | -741 Oct 15 j 10:42                        | 0∘ <b>⊽</b>                              |            | asc. node                 | -740 Sep 08 j 02:37                        | 23° <b>Ω</b> 18'59                       |              |
| morning set            | -741 Oct 24 j 22:18                        | 14° <b>£</b> 52'13                       |            | direct                    | -740 Sep 08 j 23:16                        | 23° <b>Ω</b> 14'54                       | 1001010      |
| desc. node             | -741 Nov 01 j 09:34                        | 26° <b>£</b> 37'17                       |            | morning max el            | -740 Sep 15 j 13:05                        | 26° <b>Ω</b> 49'54                       | 18°18'30     |
| may Forth dist         | -741 Nov 03 j 13:11                        | 0°M                                      | 1.44879 AU | morning set               | -740 Sep 18 j 07:23                        | 0°M)                                     |              |
| max. Earth dist.       | -741 Nov 09 j 01:10                        | 0 1163039                                | 1.446/9 AU | morning set               | -740 Oct 04 j 13:16<br>-740 Oct 07 j 11:19 | 25° <b>™</b> 13'55<br>0° <b>₽</b>        |              |
| superior conj          | -741 Nov 10 j 08:59                        | 10°M44'02                                | -0°56'21   | desc. node                | -740 Oct 18 j 06:35                        | 0 <b>=</b><br>17° <b>£</b> 21'10         |              |
| minimum elong          | -741 Nov 10 j 03:39                        | 10°M16'54                                |            | desc. flode               | -740 Oct 10 j 00.33                        | 17 -21 10                                |              |
| minimum crong          | -741 Nov 22 j 11:17                        | 0° <b>∡</b> 7                            | 0 33 31    | superior conj             | -740 Oct 19 j 09:56                        | 19° <b>ഫ</b> 09'25                       | -0°07'28     |
| evening rise           | -741 Nov 25 j 17:16                        | 5° <b>√</b> 15'17                        |            | minimum elong             | -740 Oct 19 j 08:58                        | 19° <b>ഫ</b> 05'35                       |              |
| <u>8</u>               | -741 Dec 11 j 09:28                        | 0°ප                                      |            | behind sun begin          | -740 Oct 18 j 22:57                        | 18° <b>≏</b> 25'56                       |              |
| evening max el         | -741 Dec 16 j 09:18                        | 6° <b>ප</b> 12'12                        | 18°43'07   | behind sun end            | -740 Oct 19 j 19:00                        | 19° <b>≙</b> 45'13                       |              |
| asc. node              | -741 Dec 19 j 04:46                        | 8° <b>ප</b> 36'41                        |            | max. Earth dist.          | -740 Oct 21 j 19:34                        | 22° <b>≏</b> 56'46                       | 1.44927 AU   |
| retrograde             | -741 Dec 23 j 02:17                        | 9° <b>る</b> 57'52                        |            |                           | -740 Oct 26 j 07:22                        | $0^{\circ}$ M                            |              |
| evening set            | -741 Dec 26 j 05:14                        | 9° <b>る</b> 02'29                        |            | evening rise              | -740 Nov 04 j 20:43                        | 14°M56'48                                |              |
| inferior conj          | -740 Jan 01 j 00:08                        | 3° <b>る</b> 22'39                        |            |                           | -740 Nov 14 j 12:40                        | 0° <b>∡</b> ¹                            |              |
| minimum elong          | -741 Dec 31 j 21:37                        | 3° <b>る</b> 30'17                        | 3°27'13    | greatest brilliancy       | -740 Nov 16 j 04:34                        | 2° <b>х</b> 33'08                        | -0.7m        |
| min. Earth dist.       | -740 Jan 02 j 19:39                        | 1°る11'02                                 | 0.65033 AU | evening max el            | -740 Nov 28 j 17:36                        | 19° <b>∡</b> 38'58                       | 19°26'57     |
|                        | -740 Jan 03 j 20:06                        | 30°₹ <b>⋌</b> 7                          |            | asc. node                 | -740 Dec 05 j 01:50                        | 23° <b>х</b> 44'48                       |              |
| morning rise<br>direct | -740 Jan 06 j 13:37<br>-740 Jan 13 j 06:54 | 27° <b>₹</b> 14'57<br>24° <b>₹</b> 22'47 |            | retrograde<br>evening set | -740 Dec 05 j 22:41<br>-740 Dec 09 j 08:28 | 23° <b>х</b> 49′02<br>22° <b>х</b> 41′08 |              |
| direct                 | -740 Jan 13 j 06.34<br>-740 Jan 24 j 08:04 | 24 x・2247<br>0°る                         |            | inferior conj             | -740 Dec 09 j 08.28<br>-740 Dec 14 j 22:07 | 16° <b>∡</b> 46'21                       | 2°56'02      |
| morning max el         | -740 Jan 26 j 12:50                        | 0 0<br>2° <b>る</b> 05'11                 | 27°02'23   | minimum elong             | -740 Dec 14 j 19:15                        | 16° × 4021                               | 2°55'15      |
| desc. node             | -740 Jan 28 j 08:43                        | 3° <b>る</b> 59'10                        | 2, 0225    | min. Earth dist.          | -740 Dec 16 j 03:20                        | 15° <b>√</b> 11'44                       | 0.66223 AU   |
|                        | -740 Feb 16 j 11:44                        | 0° <b>≈</b>                              |            | morning rise              | -740 Dec 20 j 05:46                        | 10° <b>х</b> 34'39                       |              |
| morning set            | -740 Mar 02 j 04:37                        | 25° <b>≈</b> 51'18                       |            | direct                    | -740 Dec 26 j 11:23                        | 7° <b>∡</b> ¹49'26                       |              |
|                        | -740 Mar 04 j 07:33                        | 0° <b>)</b> €                            |            | morning max el            | -739 Jan 07 j 22:12                        | 15° <b>∡</b> 11′28                       | 25°58'28     |
| max. Earth dist.       | -740 Mar 06 j 17:48                        | 4° <b>)</b> 51′48                        | 1.34143 AU | desc. node                | -739 Jan 14 j 05:46                        | 22° <b>∡</b> 18′15                       |              |
|                        |  |  |            |                           | -739 Jan 20 j 03:08                        | 0°ප                                      |              |
| superior conj          | -740 Mar 10 j 11:51                        | 12° <b>)</b> 36′23                       |            |                           | -739 Feb 08 j 07:22                        | 0° <b>≈</b>                              |              |
| minimum elong          | -740 Mar 10 j 14:30                        | 12° <b>米</b> 50′16                       | 0°56'15    | morning set               | -739 Feb 13 j 03:50                        | 8° <b>≈</b> 43'40                        |              |
| asc. node              | -740 Mar 16 j 04:07                        | 24° <b>)</b> (35'44                      |            | max. Earth dist.          | -739 Feb 17 j 01:46                        | 16° <b>≈</b> 07'17                       | 1.35603 AU   |
| evening rise           | -740 Mar 17 j 21:38                        | 28° <b>¥</b> 13′26<br>0° <b>Ƴ</b>        |            |                           | 720 E.1 22 : 07 22                         | 20020120                                 | 1001101      |
|                        | -740 Mar 18 j 18:10                        | 0ა <b>႙</b><br>0ა./                      |            | superior conj             | -739 Feb 22 j 07:32                        | 26°≈29'29<br>26°≈47'22                   |              |
| evening max el         | -740 Apr 06 j 07:04<br>-740 Apr 07 j 03:45 | 0° <b>8</b> 51'24                        | 21°36'56   | minimum elong             | -739 Feb 22 j 11:04<br>-739 Feb 24 j 00:54 | 26° <b>≈</b> 4722<br>0° <b>∺</b>         | 1 40 30      |
| retrograde             | -740 Apr 19 j 10:32                        | 6° <b>8</b> 50'05                        | 21 50 50   | evening rise              | -739 Mar 02 j 04:30                        | 0 <del>X</del><br>12° <b>¥</b> 39'23     |              |
| evening set            | -740 Apr 19 j 10.32                        | 6° <b>8</b> 36'04                        |            | asc. node                 | -739 Mar 03 j 01:10                        | 14° <b>H</b> 24'40                       |              |
| desc. node             | -740 Apr 25 j 07:54                        | 5° <b>8</b> 35'47                        |            |                           | -739 Mar 11 j 07:46                        | 0°Υ                                      |              |
| inferior conj          | -740 May 01 j 07:55                        | 2° <b>8</b> 33'53                        | -1°41'20   | evening max el            | -739 Mar 20 j 09:44                        | 12° <b>Y</b> ′06'31                      | 20°17'06     |
| minimum elong          | -740 May 01 j 03:15                        | 2° <b>8</b> 40'26                        |            | retrograde                | -739 Mar 31 j 00:32                        | 17° <b>Ƴ</b> 11'46                       |              |
| min. Earth dist.       | -740 May 01 j 06:43                        |  | 0.55033 AU | evening set               | -739 Apr 02 j 03:55                        | 17° <b>Ƴ</b> 00'15                       |              |
|                        | -740 May 06 j 05:30                        | 30° <b>₹Ƴ</b>                            |            | inferior conj             | -739 Apr 11 j 04:06                        | 13° <b>Y</b> ′02'07                      | 0°17'37      |
|                        |  |  |            |                           |  |  |              |

| •                | only year style is used: T                 |  | •           |                  |  |  | ge 87      |
|------------------|--|--|-------------|------------------|--|--|------------|
| minimum elong    | -739 Apr 11 j 04:54                        | 13° <b>Y</b> ′00′56  |             | min. Earth dist. | 001 BCE in historical cou<br>-738 Mar 25 j 11:43 |  | 0.56509 AU |
| desc. node       |  | 13 <b>γ</b> 00 30<br>12° <b>γ</b> 25'24  | 0 1/21      | desc. node       | -  | 19° <b>\(\frac{1}{23}\)</b>                    | 0.30309 AU |
|                  | -739 Apr 12 j 04:54                        | $12^{\circ}$ <b>Y</b> $23^{\circ}$ $24^{\circ}$ $12^{\circ}$ <b>Y</b> $02'$ $11^{\circ}$ | 0 55225 ATT |                  | -738 Mar 30 j 01:57                              |  |            |
| min. Earth dist. | -739 Apr 12 j 20:42                        | 8° <b>Υ</b> 41'16  | 0.55325 AU  | morning rise     | -738 Mar 31 j 01:46                              | 19° <b>米</b> 00'11<br>18° <b>米</b> 06'06       |            |
| morning rise     | -739 Apr 20 j 04:10                        | 8° <b>Υ</b> 10'52  |             | direct           | -738 Apr 04 j 21:56                              |  | 25012122   |
| direct           | -739 Apr 23 j 21:43                        |  | 22025102    | morning max el   | -738 Apr 19 j 02:18                              | 25° <b>)</b> 21′24<br>0° <b>°</b>              | 25°13'32   |
| morning max el   | -739 May 07 j 11:44                        | 14° <b>Y</b> 51′21   | 23°35'02    |                  | -738 Apr 23 j 10:06                              |  |            |
| 1                | -739 May 19 j 07:23                        | 0°8  |             | . ,              | -738 May 12 j 03:22                              | 0°8  |            |
| asc. node        | -739 May 30 j 00:28                        | 19° <b>8</b> 51'26   |             | morning set      | -738 May 15 j 17:19                              | 7° <b>8</b> 21'02                              |            |
| morning set      | -739 May 31 j 05:22                        | 22° <b>8</b> 22'00   |             | asc. node        | -738 May 16 j 21:29                              | 9° <b>8</b> 50'19                              |            |
|                  | -739 Jun 03 j 19:18                        | $\Pi^{\circ}0$   |             |                  | 720 ) ( 22 : 17 1 (                              | 200  | 0050101    |
|                  | 720 1 07:07.16                             | 70 <b>T</b> 22120  | 1017127     | superior conj    | -738 May 22 j 17:16                              | 22° <b>8</b> 28'35                             | 0°58'01    |
| superior conj    | -739 Jun 07 j 07:16                        | 7° <b>Ⅱ</b> 32'28  | 1°17'27     | minimum elong    | -738 May 22 j 15:03                              | 22° <b>8</b> 16'29                             | 0°57'37    |
| minimum elong    | -739 Jun 07 j 04:45                        | 7° <b>Ⅱ</b> 18'54  |             | max. Earth dist. | -738 May 23 j 20:21                              | 24° <b>8</b> 55'59                             | 1.32818 AU |
| max. Earth dist. | -739 Jun 09 j 12:22                        | 12° <b>Ⅱ</b> 15'51   | 1.33566 AU  |                  | -738 May 26 j 04:42                              | 0°Ⅱ<br>5°₩ 4313 €                              |            |
| evening rise     | -739 Jun 14 j 19:47                        | 23° <b>Ⅱ</b> 13'18   |             | evening rise     | -738 May 29 j 21:02                              | 7° <b>Ⅱ</b> 43'36                              |            |
|                  | -739 Jun 18 j 07:05                        | 0° <b>©</b>  |             |                  | -738 Jun 10 j 18:11                              | 0.22<br>0.22                                   |            |
|                  | -739 Jul 06 j 11:45                        | 0° <b>Ω</b>  |             | desc. node       | -738 Jun 26 j 01:16                              | 21°957'53                                      |            |
| desc. node       | -739 Jul 09 j 04:16                        | 3° <b>Ω</b> 37'49  |             | evening max el   | -738 Jun 30 j 23:40                              |  | 27°18'44   |
| evening max el   | -739 Jul 18 j 15:15                        | 14° <b>Ω</b> 26'38   | 27°23'30    |                  | -738 Jul 04 j 04:43                              | 0°N  |            |
| retrograde       | -739 Aug 01 j 05:19                        | 21°Ω47'10  |             | retrograde       | -738 Jul 14 j 19:35                              | 4° <b>Ω</b> 30'47                              |            |
| evening set      | -739 Aug 08 j 08:51                        | 19° <b>Ω</b> 04'36   |             | evening set      | -738 Jul 21 j 23:21                              | 2° <b>Ω</b> 04'53                              |            |
| min. Earth dist. | -739 Aug 12 j 00:42                        |  | 0.64020 AU  |                  | -738 Jul 24 j 16:06                              | 30° <b>₹</b> 5                                 |            |
| inferior conj    | -739 Aug 14 j 11:51                        | 13° <b>Ω</b> 10′16   |             | min. Earth dist. | -738 Jul 25 j 13:23                              |  | 0.62259 AU |
| minimum elong    | -739 Aug 14 j 16:24                        | 12° <b>Ω</b> 58'18   | 3°25'17     | inferior conj    | -738 Jul 28 j 12:59                              | 26° <b>©</b> 25'55                             |            |
| morning rise     | -739 Aug 21 j 00:52                        | 7° <b>Ω</b> 47'52  |             | minimum elong    | -738 Jul 28 j 17:14                              | 26° <b>©</b> 15'56                             | 4°07'32    |
| direct           | -739 Aug 23 j 15:45                        | 7° <b>Ω</b> 13′20  |             | morning rise     | -738 Aug 04 j 12:25                              | 21° <b>©</b> 22'55                             |            |
| asc. node        | -739 Aug 25 j 23:40                        | 7° <b>Ω</b> 40'55  |             | direct           | -738 Aug 07 j 00:45                              | 20°954'54                                      |            |
| morning max el   | -739 Aug 30 j 04:30                        | 10° <b>Ω</b> 39'49   | 17°57'32    | asc. node        | -738 Aug 12 j 20:43                              | 23°9528'40                                     |            |
|                  | -739 Sep 12 j 06:36                        | O° My  |             | morning max el   | -738 Aug 13 j 19:28                              | 24° <b>5</b> 21'03                             | 17°54'48   |
| morning set      | -739 Sep 16 j 07:20                        | 6° Mp 54′33  |             |                  | -738 Aug 18 j 09:35                              | $0^{\circ}\Omega$                              |            |
|                  |  |  |             | morning set      | -738 Aug 29 j 22:44                              | 19° <b>Ω</b> 36′13                             |            |
| superior conj    | -739 Sep 29 j 02:52                        | 28° Mp 25'08   | 0°39'02     |                  | -738 Sep 04 j 18:19                              | 0° <b>m</b> )                                  |            |
| minimum elong    | -739 Sep 29 j 06:57                        | 28° Mp 41'48   | 0°38'29     |                  |  |  |            |
|                  | -739 Sep 30 j 02:11                        | 0 <b>்⊽</b>  |             | superior conj    | -738 Sep 09 j 22:36                              | 9° <b>m</b> ,00'18                             | 1°14'19    |
| max. Earth dist. | -739 Oct 04 j 12:55                        | 7° <b>ჲ</b> 09'16  | 1.44260 AU  | minimum elong    | -738 Sep 10 j 03:39                              | 9° <b>™</b> 21'56                              | 1°13'46    |
| desc. node       | -739 Oct 05 j 03:37                        | 8° <b>≏</b> 07'46  |             | max. Earth dist. | -738 Sep 17 j 02:47                              | 20° <b>m</b> 59'30                             | 1.42956 AU |
| evening rise     | -739 Oct 15 j 06:31                        | 23° <b>≏</b> 57'11   |             | desc. node       | -738 Sep 22 j 00:38                              | 28° <b>m</b> 53'29                             |            |
|                  | -739 Oct 19 j 05:07                        | 0°M  |             |                  | -738 Sep 22 j 17:27                              | 0∘ <b>⊽</b>                                    |            |
|                  | -739 Nov 09 j 02:21                        | 0°⊀  |             | evening rise     | -738 Sep 24 j 14:25                              | 2° <b>≙</b> 56'41                              |            |
| evening max el   | -739 Nov 11 j 20:58                        | 3° <b>∡</b> ¹06'57   | 20°25'41    |                  | -738 Oct 12 j 17:00                              | 0° <b>M</b> ₊                                  |            |
| retrograde       | -739 Nov 19 j 20:12                        | 7° <b>∡</b> ¹48'40   |             | evening max el   | -738 Oct 25 j 18:31                              | 16°M35'18                                      | 21°36'22   |
| asc. node        | -739 Nov 21 j 22:53                        | 7° <b>∡</b> ¹23'11   |             | retrograde       | -738 Nov 03 j 16:58                              | 21°M53'55                                      |            |
| evening set      | -739 Nov 23 j 14:54                        | 6° <b>₰</b> ¹26'04   |             | evening set      | -738 Nov 07 j 22:39                              | 20° <b>M</b> ₊14'36                            |            |
| inferior conj    | -739 Nov 29 j 01:10                        | 0° <b>∡</b> 19'26  | 2°15'58     | asc. node        | -738 Nov 08 j 19:54                              | 19° <b>M</b> 28'22                             |            |
| minimum elong    | -739 Nov 28 j 22:33                        | 0° <b>∡</b> ¹28'17   | 2°15'04     | inferior conj    | -738 Nov 13 j 07:09                              | 13° <b>M</b> ₅59'19                            | 1°29'40    |
|                  | -739 Nov 29 j 06:54                        | 30°RM₊   |             | minimum elong    | -738 Nov 13 j 05:13                              | 14° <b>M</b> 05'59                             | 1°28'54    |
| min. Earth dist. | -739 Nov 29 j 17:38                        | 29°M23'44  | 0.67037 AU  | min. Earth dist. | -738 Nov 13 j 12:12                              | 13° <b>M</b> 41'53                             | 0.67494 AU |
| morning rise     | -739 Dec 04 j 05:59                        | 24°M05'54  |             | morning rise     | -738 Nov 18 j 11:38                              | 7° <b>M</b> 46'07                              |            |
| direct           | -739 Dec 09 j 21:11                        | 21°M36'57  |             | direct           | -738 Nov 23 j 11:32                              | 5°M38'31                                       |            |
| morning max el   | -739 Dec 21 j 06:31                        | 28°M24'17  | 24°37'48    | morning max el   | -738 Dec 03 j 15:49                              | 11° <b>M</b> .41'43                            | 23°10'28   |
|                  | -739 Dec 22 j 19:13                        | 0° <b>∡</b> ¹  |             |                  | -738 Dec 18 j 05:31                              | 0° <b>∡</b> ¹                                  |            |
| desc. node       | -738 Jan 01 j 02:49                        | 11° <b>∡</b> 724'47  |             | desc. node       | -738 Dec 18 j 23:53                              | 1° <b>∡</b> ¹05′09                             |            |
|                  | -738 Jan 13 j 21:30                        | 0°ප  |             |                  | -737 Jan 06 j 17:50                              | 0°₹  |            |
| morning set      | -738 Jan 26 j 07:42                        | 20°る34'22  |             | morning set      | -737 Jan 07 j 09:59                              | 1° <b>る</b> 07'17                              |            |
| max. Earth dist. | -738 Jan 29 j 23:50                        | 27° <b>る</b> 09'13   | 1.37472 AU  | max. Earth dist. | -737 Jan 11 j 19:17                              | 8° <b>る</b> 34'59                              | 1.39570 AU |
|                  | -738 Jan 31 j 12:59                        | 0° <b>≈</b>  |             |                  |  |  |            |
|                  |  |  |             | superior conj    | -737 Jan 19 j 11:10                              | 22° <b>る</b> 17'51                             | -1°56'34   |
| superior conj    | -738 Feb 05 j 16:42                        | 9° <b>≈</b> 47'01  | -1°42'15    | minimum elong    | -737 Jan 19 j 13:34                              | 22° <b>る</b> 28'54                             | 1°56'28    |
| minimum elong    | -738 Feb 05 j 20:21                        | 10° <b>≈</b> 04'44   | 1°41'53     |                  | -737 Jan 23 j 13:48                              | 0° <b>≈</b>                                    |            |
| evening rise     | -738 Feb 14 j 05:40                        | 26° <b>≈</b> 42'38   |             | evening rise     | -737 Jan 28 j 22:26                              | 10° <b>≈</b> 16′12                             |            |
|                  | -738 Feb 15 j 21:33                        | 0° <b>∀</b>  |             | asc. node        | -737 Feb 04 j 19:13                              | 23° <b>≈</b> 04'43                             |            |
| asc. node        | -738 Feb 17 j 22:11                        | 3° <b>¥</b> 56′21  |             |                  | -737 Feb 09 j 00:38                              | 0° <b>∀</b>                                    |            |
| evening max el   | -738 Mar 03 j 02:48                        | 23° <b>) ₹</b> 59'42   | 19°15'15    | evening max el   | -737 Feb 14 j 05:05                              | 6° <b>¥</b> 26'57                              | 18°33'18   |
| retrograde       | -738 Mar 12 j 01:34                        | 28° <b>升</b> 17′21   |             | retrograde       | -737 Feb 21 j 21:21                              | 10° <b>¥</b> 12'13                             |            |
| evening set      | -738 Mar 14 j 07:14                        | 28° <b>)</b> 02′28   |             | evening set      | -737 Feb 24 j 07:46                              | 9° <b>¥</b> 50'51                              |            |
| inferior conj    | 729 Mar. 22 : 12:42                        | 23° <b>)</b> 52'53   | 2000140     |                  |  | 501/21150                                      |            |
|                  | -738 Mar 22 j 13:42                        | 23 1 32 33   | 2°00'49     | inferior conj    | -737 Mar 03 j 19:45                              | 5° <b>∺</b> 21'58                              | 3°09'55    |
| minimum elong    | -738 Mar 22 j 13.42<br>-738 Mar 22 j 17:55 | 23°\(\frac{1}{45}\)'48   | 1°59'34     | minimum elong    | -737 Mar 03 j 19:45<br>-737 Mar 03 j 23:43       | 5° <del>X</del> 21'58<br>5° <del>X</del> 14'12 |            |

| •                         | official of Mercury                               |   | •           | * *                               |  |  | 36 00              |
|---------------------------|---|---|-------------|-----------------------------------|--|--|--------------------|
| min. Earth dist.          | nical year style is used: The -737 Mar 07 j 05:31 | -                                       | 0.58310 AU  | minimum elong                     | -736 Feb 13 j 23:55                        | 17°≈24'30                                | 3°44'34            |
|                           | -737 Mar 11 j 13:02                               | 2 \(\chi_43\) 00<br>29°≈59'45           | 0.38310 AU  | min. Earth dist.                  | -  | 17 ≈24 30<br>14°≈30'14                   | 0.60379 AU         |
| morning rise              | -737 Mar 11 j 13:02                               | 29 ≈3943<br>30°R≈                       |             | morning rise                      | -736 Feb 17 j 05:03<br>-736 Feb 20 j 20:10 | 14 ≈30 14<br>11°≈45'27                   | 0.00379 AU         |
| dasa nada                 |   | 30 k≈<br>28°≈31'11                      |             | direct                            | -736 Feb 27 j 12:44                        | 9°≈38'25                                 |                    |
| desc. node                | -737 Mar 16 j 22:59                               |   |             |                                   | -736 Mar 02 j 20:02                        |  |                    |
| direct                    | -737 Mar 17 j 11:25                               | 28°≈30'30                               |             | desc. node                        | 3  | 10°≈27'22                                | 27920121           |
|                           | -737 Mar 23 j 13:14                               | 0° <b>)</b> (0515€                      | 26926102    | morning max el                    | -736 Mar 12 j 18:34                        | 17°≈25'08                                | 27°29'21           |
| morning max el            | -737 Mar 31 j 19:27                               | 6° <b>米</b> 05'56<br>0° <b>Υ</b>        | 26°36'03    |                                   | -736 Mar 23 j 05:45                        | 0° <b>ℋ</b><br>0° <b>Ƴ</b>               |                    |
|                           | -737 Apr 18 j 11:23                               | 0° γ<br>22° <b>Υ</b> 16'09              |             |                                   | -736 Apr 10 j 00:38                        | 0° γ<br>7° <b>Υ</b> 00'26                |                    |
| morning set               | -737 Apr 30 j 04:06                               | $29^{\circ}$ <b>Y</b> 57'51             |             | morning set                       | -736 Apr 13 j 11:54                        | 20° <b>Υ</b> 09'04                       |                    |
| asc. node                 | -737 May 03 j 18:32                               | 0° <b>8</b>                             |             | asc. node                         | -736 Apr 19 j 15:34                        | 20° <b>Υ</b> 40'33                       | 1 22400 ATT        |
|                           | -737 May 03 j 18:55                               | 0.0                                     |             | max. Earth dist.                  | -736 Apr 19 j 21:20                        | 20° 1 40′33                              | 1.32409 AU         |
| superior conj             | -737 May 07 j 04:52                               | 7° <b>8</b> 28'07                       | 0°35'34     | superior conj                     | -736 Apr 20 j 16:22                        | 22° <b>Y</b> 24'39                       | 0°10'55            |
| minimum elong             | -737 May 07 j 04:32                               | 7° <b>8</b> 19'51                       |             | minimum elong                     | -736 Apr 20 j 15:52                        | $22^{\circ}\Upsilon 21'56$               | 0°10'49            |
| max. Earth dist.          | -737 May 07 j 03:22                               | 7° <b>8</b> 48'52                       | 1.32437 AU  | behind sun begin                  | -736 Apr 20 j 12:10                        | $22^{\circ}$ <b>Y</b> 01'42              | 0 1049             |
| evening rise              | -737 May 07 J 08:59                               | 22° <b>8</b> 29'51                      | 1.32437 AU  | behind sun end                    | -736 Apr 20 j 19:34                        | 22° <b>Υ</b> 42'11                       |                    |
| evening rise              | -737 May 14 j 03.37                               | 0° <b>I</b> I                           |             | ocimia sun cha                    | -736 Apr 24 j 03:36                        | 0° <b>8</b>                              |                    |
|                           | -737 Jun 04 j 23:24                               | 0°©                                     |             | evening rise                      | -736 Apr 27 j 14:14                        | 7° <b>8</b> 23'44                        |                    |
| desc. node                | -737 Jun 04 j 23:24<br>-737 Jun 12 j 22:16        | 9° <b>5</b> 06'36                       |             | evening rise                      | -736 May 09 j 10:40                        | 0° <b>I</b>                              |                    |
| evening max el            | -737 Jun 13 j 02:31                               | 9° <b>©</b> 16'47                       | 26°40'49    | evening max el                    | -736 May 24 j 22:30                        | 20° <b>I</b> I36'05                      | 25022147           |
| retrograde                | -737 Jun 27 j 02:12                               | 16°932'34                               | 20 40 49    | desc. node                        | -736 May 29 j 19:17                        | 24° <b>II</b> 35'02                      | 23 3241            |
| •                         | -737 Jul 03 j 19:22                               | 16 \$32 34<br>14°\$36'33                |             |                                   | -736 Jun 07 j 23:46                        | 24 <b>H</b> 33 02<br>27° <b>H</b> 47'35  |                    |
| evening set               | -737 Jul 03 j 19.22<br>-737 Jul 07 j 15:54        |   | 0.60256 ATT | retrograde                        | ,  | 26° <b>I</b> I30'12                      |                    |
| min. Earth dist.          | ,   | 11° <b>©</b> 58'06<br>9° <b>©</b> 15'26 | 0.60256 AU  | evening set                       | -736 Jun 13 j 17:08                        |  | 0.50211 ATT        |
| inferior conj             | -737 Jul 10 j 23:37                               | 9°9913'26                               |             | min. Earth dist.                  | -736 Jun 18 j 10:35                        | 23° <b>Ⅱ</b> 46'56<br>21° <b>Ⅱ</b> 29'31 | 0.58211 AU         |
| minimum elong             | -737 Jul 11 j 01:53                               |   | 4 33 11     | inferior conj                     | -736 Jun 21 j 16:15                        | 21° <b>I</b> I32'28                      |                    |
| morning rise              | -737 Jul 18 j 10:18                               | 4°534'33                                |             | minimum elong                     | -736 Jun 21 j 14:36                        |  | 4°37'41            |
| direct                    | -737 Jul 20 j 22:10                               | 4°911'07                                | 10011110    | morning rise                      | -736 Jun 29 j 14:44                        | 17° <b>Ⅱ</b> 11'00                       |                    |
| morning max el            | -737 Jul 28 j 07:06                               | 7°546'25                                | 18°11'19    | direct                            | -736 Jul 02 j 03:28                        | 16° <b>I</b> I50'57                      | 10040107           |
| asc. node                 | -737 Jul 30 j 17:45                               | 10°527'34                               |             | morning max el                    | -736 Jul 10 j 12:28                        | 20° <b>II</b> 47'35                      | 18°48'06           |
|                           | -737 Aug 11 j 14:44                               | 0°N                                     |             | asc. node                         | -736 Jul 16 j 14:49                        | 28° <b>II</b> 22'53                      |                    |
| morning set               | -737 Aug 13 j 05:45                               | 3° <b>Ω</b> 03′00                       |             |                                   | -736 Jul 17 j 15:45                        | 0°95                                     |                    |
|                           | 727 A 22 : 20-22                                  | 20° <b>Ω</b> 52'50                      | 1°36'17     | morning set                       | -736 Jul 26 j 23:59                        | 17° <b>©</b> 03'32<br>0° <b>Ω</b>        |                    |
| superior conj             | -737 Aug 22 j 20:22                               |   |             |                                   | -736 Aug 02 j 15:10                        | 0 36                                     |                    |
| minimum elong             | -737 Aug 22 j 23:47                               |   | 1°36'02     |                                   | 726 A 04: 14.50                            | 20 0 47151                               | 1946120            |
| max. Earth dist.          | -737 Aug 28 j 00:20                               | 0°Mp<br>4°Mn 1 1'04                     | 1.41184 AU  | superior conj                     | -736 Aug 04 j 14:50<br>-736 Aug 04 j 16:00 | 3° <b>Ω</b> 47'51<br>3° <b>Ω</b> 53'21   | 1°46'20<br>1°46'18 |
| evening rise              | -737 Aug 30 j 11:02<br>-737 Sep 04 j 13:53        | 4° Mp 11'04<br>12° Mp 40'19             | 1.41164 AU  | minimum elong<br>max. Earth dist. | -736 Aug 11 j 14:22                        | 16° <b>Ω</b> 37'43                       | 1.39188 AU         |
| desc. node                | -737 Sep 04 j 13.33                               | 12 11/40 19<br>19° Mp 34'55             |             |                                   | -736 Aug 15 j 13:54                        | 23° <b>Ω</b> 33'43                       | 1.39100 AU         |
| desc. Hode                | -737 Sep 08 j 21:39                               | 0° <b>⊽</b>                             |             | evening rise                      | -736 Aug 19 j 10:08                        | 0°M                                      |                    |
|                           | -737 Oct 08 j 08:53                               | 0°M                                     |             | desc. node                        | -736 Aug 25 j 18:41                        | 10° Mp 08'20                             |                    |
| evening max el            | -737 Oct 08 j 08:33                               | 0°ML04'15                               | 22054140    | desc. Hode                        | -736 Sep 08 j 12:34                        | 0° <b>⊡</b>                              |                    |
| •                         | -737 Oct 18 j 11:25                               | 6°M01'39                                | 22 34 40    | evening max el                    |  | 0 <b>==</b><br>13° <b>£</b> 36'21        | 24°14'48           |
| retrograde<br>evening set | -737 Oct 18 j 11.23<br>-737 Oct 23 j 05:57        | 4°M04'14                                |             | retrograde                        | -736 Sep 19 j 23:05<br>-736 Oct 01 j 02:29 | 20° <b>£</b> 08'44                       | 24 14 46           |
| asc. node                 | -737 Oct 26 j 16:57                               | 0°M17'02                                |             | evening set                       | -736 Oct 01 j 02.29                        | 20 <b>⊆</b> 08 44<br>17° <b>⊆</b> 53'16  |                    |
| asc. Houc                 | -737 Oct 26 j 22:09                               | 30°RΩ                                   |             | min. Earth dist.                  | -736 Oct 11 j 04:43                        | 17 <b>≅</b> 33 10 12° <b>£</b> 25'07     | 0.67437 AU         |
| inferior conj             | -737 Oct 28 j 14:10                               | 27° <b>£</b> 43'55                      | 0°38'48     | inferior conj                     | -736 Oct 11 j 04:43                        | 12 <b>=</b> 2307<br>11° <b>⊆</b> 31'45   |                    |
| minimum elong             | -737 Oct 28 j 13:16                               | 27° <b>⊆</b> 43'33                      | 0°38'25     | minimum elong                     | -736 Oct 11 j 20:54                        | 11° <b>⊆</b> 31'43                       |                    |
| min. Earth dist.          | -737 Oct 28 j 08:41                               | 28° <b>⊆</b> 02'51                      | 0.67623 AU  | transit middle                    | -736 Oct 11 j 20:54                        | 11° <b>⊆</b> 30'32                       | 0°14'56            |
| morning rise              | -737 Nov 02 j 20:30                               | 28 <b>⊆</b> 02 31<br>21° <b>⊆</b> 33'13 | 0.07023 AU  | transit begin                     | -736 Oct 11 j 20:34                        | 11° <b>⊆</b> 30'32                       | 0 17 20            |
| direct                    | -737 Nov 07 j 05:39                               | 19° <b>≏</b> 48'13                      |             | transit end                       | -736 Oct 11 j 22:00                        | 11° <b>⊆</b> 26'51                       |                    |
| morning max el            | -737 Nov 16 j 05:25                               |   | 21°45'17    | asc. node                         | -736 Oct 12 j 14:00                        | 10° <b>£</b> 33'10                       |                    |
| morning max ci            | -737 Nov 10 j 03:23                               | 0°M                                     | 21 43 17    | morning rise                      | -736 Oct 17 j 06:39                        | 5° <b>£</b> 26′08                        |                    |
| desc. node                | -737 Dec 05 j 20:55                               | 21°M 09'19                              |             | direct                            | -736 Oct 21 j 02:36                        | 4° <b>£</b> 02'16                        |                    |
| dese. Hode                | -737 Dec 03 j 20:33                               | 0° <b>x</b> 7                           |             | morning max el                    | -736 Oct 29 j 01:55                        | 8° <b>₾</b> 39'38                        | 20°29'04           |
| morning set               | -737 Dec 18 j 07:06                               | 10° <b>⋌</b> 16'14                      |             | morning max er                    | -736 Nov 14 j 02:40                        | 0° <b>™</b>                              | 20 27 04           |
| max. Earth dist.          | -737 Dec 24 j 18:58                               | 20° <b>х</b> 49'43                      | 1.41624 AU  | desc. node                        | -736 Nov 21 j 17:59                        | 11°ML30'51                               |                    |
| max. Dartii dist.         | -737 Dec 30 j 05:06                               | 0°る                                     | 1.11021710  | morning set                       | -736 Nov 26 j 06:43                        | 18°M29'21                                |                    |
|                           |   | , ,                                     |             | 500                               | -736 Dec 03 j 14:32                        | 0°×7                                     |                    |
| superior conj             | -736 Jan 01 j 09:36                               | 3°₹48'00                                | -2°00'30    | max. Earth dist.                  | -736 Dec 06 j 01:53                        |  | 1.43349 AU         |
| minimum elong             | -736 Jan 01 j 08:46                               | 3° <b>♂</b> 44'21                       |             | max. Darui dist.                  | 750 <b>500</b> 00 J 01.55                  | 5 7 3131                                 | 1.15577 AU         |
| evening rise              | -736 Jan 12 j 03:20                               | 23° <b>ප</b> 11'19                      | 2 00 30     | superior conj                     | -736 Dec 12 j 06:54                        | 14° <b>₹</b> 06'43                       | -1°49'33           |
| 5 , ching 1150            | -736 Jan 15 j 20:33                               | 23 <b>⊙</b> 11 19                       |             | minimum elong                     | -736 Dec 12 j 00:34                        | 13° <b>х</b> 43'57                       |                    |
| asc. node                 | -736 Jan 22 j 16:16                               | 0 ∞<br>11°≈41'20                        |             | mmmigm ciong                      | -736 Dec 21 j 15:02                        | 0°る                                      | 1 1/17             |
| evening max el            | -736 Jan 28 j 13:38                               | 11 ≈41 20<br>19°≈19'13                  | 18°11'24    | evening rise                      | -736 Dec 24 j 16:21                        | 5° <b>පි</b> 20'12                       |                    |
| retrograde                | -736 Feb 04 j 10:59                               | 22°≈48'01                               | 10 11 27    | asc. node                         | -735 Jan 08 j 13:18                        | 29° <b>ප</b> 36'45                       |                    |
| evening set               | -736 Feb 07 j 01:49                               | 22°≈18'34                               |             |                                   | -735 Jan 08 j 20:41                        | 0°≈                                      |                    |
| inferior conj             | -736 Feb 13 j 22:07                               | 17°≈28'36                               | 3°44'43     | evening max el                    | -735 Jan 11 j 01:34                        | 0 ≈<br>2°≈29'09                          | 18°09'04           |
|                           |   | 1. 112000                               |             |                                   | 11 J V1.54                                 | 0)                                       |                    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -735 Jan 17 i 14:21 5°≈55'14 -735 Nov 26 j 06:53 0°×7 retrograde -735 Jan 20 j 09:24 5°≈16'36 -735 Dec 06 j 08:58 16°**∡**³34'19 evening set evening rise 0°≈06'03 3°52'32 -735 Jan 26 j 17:30 -735 Dec 14 j 10:45 0°궁 inferior conj -735 Jan 26 j 17:03 15°**る**49'49 minimum elong 0°≈07'13 3°52'32 evening max el -735 Dec 25 j 14:03 18°25'36 -735 Jan 26 j 19:50 -735 Dec 26 j 10:20 30°Ŗる asc. node 16°る38'55 27°る12'18 0.62410 AU -735 Jan 29 j 12:54 min. Earth dist. retrograde -734 Jan 01 j 03:09 19°る25'03 morning rise -735 Feb 01 j 23:38 24°る10'01 evening set -734 Jan 04 j 02:57 18°る36'07 21°**る**33'42 13°**る**06'27 direct -735 Feb 08 j 23:48 inferior conj -734 Jan 10 j 01:55 3°40'56 3°40'40 desc. node -735 Feb 17 j 17:07 24°**る**54'16 minimum elong -734 Jan 09 j 23:55 13°**る**12'12 morning max el -735 Feb 22 j 23:29 29°**る**24'56 27°46'29 min. Earth dist. -734 Jan 12 j 06:16 10°**る**36'07 0.64181 AU -735 Feb 23 j 13:28 0°≈ morning rise -734 Jan 15 j 20:22 7°**る**02'24 -735 Mar 17 j 03:18 4°る11'37 0°**)**€ direct -734 Jan 22 j 18:25 morning set -735 Mar 28 j 14:38 21°**)** 26'34 desc. node -734 Feb 04 j 14:12 11°**る**15'53  $0^{\circ}\Upsilon$ -735 Apr 01 j 17:32 morning max el -734 Feb 05 j 08:01 11°**る**59'33 27°27'38 max. Earth dist. -735 Apr 03 j 06:31 3°Υ17'19 1.32753 AU -734 Feb 19 j 17:25 0°≈ -734 Mar 09 j 14:16 0°**)**€ superior conj -735 Apr 05 j 02:05 7°Υ12'21 -0°15'10 morning set -734 Mar 12 j 09:39 5°\ 25'52 minimum elong -735 Apr 05 j 02:48 7°Υ16'12 0°15'01 max. Earth dist. -734 Mar 17 j 08:19 15°**¥**27′01 1.33509 AU behind sun begin -735 Apr 05 j 01:08 7°Y07'09 behind sun end -735 Apr 05 j 04:28 7°**Υ**25'16 superior conj -734 Mar 20 j 08:12 21°\(\pm\)45'09 -0°41'42 asc. node -735 Apr 06 j 12:38 10°**Y**19′50 minimum elong -734 Mar 20 j 10:10 21°**)** 55'39 0°41'18 evening rise -735 Apr 12 j 01:58 22° Y 18'27 asc. node -734 Mar 24 i 09:41 0°Υ26'10 -735 Apr 15 i 19:35 0°8 -734 Mar 24 i 04:47  $0^{\circ}\Upsilon$ -735 May 05 j 05:10  $\mathbb{I}^{\circ 0}$ evening rise -734 Mar 27 j 13:20 7°**Y**07'48 evening max el -735 May 06 j 13:46 1°**Ⅱ**21'36 24°04'10 -734 Apr 08 j 19:19 0°8 -735 May 16 j 16:18 7°**Ⅱ**47'00 -734 Apr 18 j 06:09 11°**8**59'00 22°29'07 desc. node evening max el -735 May 20 j 09:47 8°**Ⅱ**18'44 -734 May 01 j 06:47 18°**8**23'35 retrograde retrograde -735 May 24 j 17:26 7°**Ⅲ**37'15 -734 May 03 j 13:20 18°**8**12'09 evening set desc. node -735 May 31 j 01:03 -734 May 04 j 06:56 min. Earth dist. 4°**I**33'44 0.56445 AU 18°**8**03'45 evening set -735 Jun 02 j 12:47 3°**I**101'07 -4°03'10 -734 May 12 j 14:06 inferior conj min. Earth dist. 14°**8**28'35 0.55306 AU 3°**I**10'20 4°02'04 -735 Jun 02 j 06:52 -734 May 13 j 15:33 minimum elong inferior conj 13°**8**52'28 -2°44'01 -735 Jun 07 j 23:35 -734 May 13 j 08:52 30°R₩ minimum elong 14°**8**01'59 2°42'01 -735 Jun 10 j 23:13 -734 May 22 j 12:41 29°**8**00'10 9°**8**57'58 morning rise morning rise -735 Jun 13 j 13:44 28°**8**42'23 -734 May 25 j 07:31 9°**8**40'10 direct direct -735 Jun 18 j 19:48 -734 Jun 05 j 17:55 15°**8**00'07 21°03'22  $0^{\circ}\Pi$ morning max el -735 Jun 23 j 08:41 -734 Jun 16 j 22:39 morning max el 3°**Ⅱ**14'31 19°45'43  $0^{\circ}\Pi$ -735 Jul 03 j 11:53 -734 Jun 20 j 08:58 asc. node 17°**Ⅲ**01'22 asc. node 6°**Ⅱ**12'44 -735 Jul 10 j 08:23 0ಂತಾ morning set -734 Jun 25 j 09:23 16°**Ⅱ**11'38 -735 Jul 11 j 02:02 1°528'34 -734 Jul 02 j 00:36 0ಂತಾ morning set superior conj -735 Jul 19 j 00:24 17°528'55 1°46'46 superior conj -734 Jul 02 j 20:40 1°5943'36 1°39'44 -735 Jul 18 j 23:40 17°**5**25'19 1°46'45 -734 Jul 02 j 18:44 1°933'37 1°39'36 minimum elong minimum elong 28°532'34 1.37236 AU max. Earth dist. -735 Jul 24 j 17:41 max. Earth dist. -734 Jul 07 j 03:19 10°523'04 1.35533 AU -735 Jul 25 j 12:23 -734 Jul 11 j 09:43 18°938'20  $0^{\circ}\Omega$ evening rise -735 Jul 28 j 14:01 5°**Ω**36'49 -734 Jul 17 j 16:17  $0^{\circ}\Omega$ evening rise -734 Jul 30 j 12:41 20°**\**28'39 -735 Aug 12 j 08:12 0° m desc. node desc. node -735 Aug 12 j 15:41 0°m 28'19 -734 Aug 06 i 11:19 0° m -735 Sep 02 j 10:29 evening max el 27° m 11'47 25°29'41 evening max el -734 Aug 15 j 22:15 10° m 47'03 26°31'17 -735 Sep 05 j 13:02 0∘**⊽** retrograde -734 Aug 28 j 18:38 18° m 00'07 -735 Sep 14 j 13:06 4°**♀**10'00 evening set -734 Sep 04 j 07:50 15° m 17'17 retrograde -735 Sep 20 j 12:30 1°**△**38'30 min. Earth dist. -734 Sep 08 j 09:34 11°**m**01'56 0.66092 AU evening set -735 Sep 22 j 05:01 -734 Sep 10 j 00:03 9° m 05'30 -2°05'43 30°R M inferior conj min. Earth dist. -735 Sep 24 j 21:51 26° m 45'50 0.66933 AU -734 Sep 10 j 03:11 8° m 56'02 2°04'31 minimum elong -735 Sep 26 j 00:28 3°m/18'59 inferior coni 25° m 19'54 -1°10'31 morning rise -734 Sep 15 j 22:53 -735 Sep 26 j 02:14 -734 Sep 16 j 08:09 minimum elong 25° m 14'13 1°09'46 asc. node 3° Mp 06'47 -735 Sep 29 j 11:04 21° Mp 13'46 direct -734 Sep 18 j 22:55 2° m 28'04 asc. node -735 Oct 01 j 16:07 19°**m** 22'12 morning max el -734 Sep 25 j 16:10 6° Mp 11'27 18°38'21 morning rise -735 Oct 05 j 00:56 -734 Oct 12 j 05:00 direct 18° Mp 16'33 0∘ଫ -735 Oct 12 j 05:54 -734 Oct 16 j 05:32 6° 25'56 morning max el 22° Tp 22'18 19°25'59 morning set -735 Oct 18 j 11:21 22° 244'55 0∘**⊽** desc. node -734 Oct 26 j 12:03 morning set -735 Nov 05 j 07:02 26°**♀**52'43 -734 Oct 31 j 02:30 0°M -735 Nov 07 j 07:11 0°M desc. node -735 Nov 08 j 15:02 2°M04'02 superior conj -734 Nov 01 j 02:57 1°M36'10 -0°36'07 max. Earth dist. -735 Nov 18 j 15:33 17°M47'25 1.44518 AU minimum elong -734 Oct 31 j 22:14 1°M17'36 0°35'31 max. Earth dist. -734 Nov 01 j 09:37 2°M02'21 1.44994 AU -735 Nov 22 j 01:34 23°M13'13 -1°20'36 -734 Nov 17 j 01:54 26°M48'55 superior conj evening rise

-734 Nov 19 j 01:51

0°**∡**7

-735 Nov 21 j 17:28

22°M40'56 1°19'45

minimum elong

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 90 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi              | cal year style is used: Tl                 | ne year -900 in                              | astronomical coun | ting style is the year 9  | 001 BCE in historical cou                  | nting style.                           | ,- , ,      |
|-----------------------------------|--|--|-------------------|---------------------------|--|--|-------------|
| greatest brilliancy               | -734 Nov 25 j 03:24                        | 9° <b>∡</b> ³39'18                           | -0.8m             | desc. node                | -733 Oct 13 j 09:03                        | 13° <b>≏</b> 30'19                     |             |
| evening max el                    | -734 Dec 09 j 00:31                        | 29° <b>х</b> 15′31                           | 18°59'51          | max. Earth dist.          | -733 Oct 15 j 04:30                        | 16° <b>≏</b> 22'27                     | 1.44726 AU  |
|                                   | -734 Dec 09 j 18:28                        | 0°ප  |                   |                           | -733 Oct 23 j 21:13                        | $0^{\circ}$ M.                         |             |
| asc. node                         | -734 Dec 13 j 07:23                        | 2° <b>る</b> 33'14                            |                   | evening rise              | -733 Oct 27 j 20:32                        | 6°M09′52                               |             |
| retrograde                        | -734 Dec 15 j 21:39                        | 3° <b>る</b> 10'10                            |                   | greatest brilliancy       | -733 Nov 10 j 00:30                        | 26°M19'13                              | -0.7m       |
| evening set                       | -734 Dec 19 j 03:24                        | 2° <b>る</b> 09'31                            |                   |                           | -733 Nov 12 j 12:13                        | 0° <b>∡</b> ¹                          |             |
|                                   | -734 Dec 21 j 17:25                        | 30°₽ <b>⋌</b>                                |                   | evening max el            | -733 Nov 22 j 06:51                        | 12° <b>∡</b> ¹43′00                    | 19°50'16    |
| inferior conj                     | -734 Dec 24 j 19:48                        | 26° <b>≯</b> 22'58                           |                   | retrograde                | -733 Nov 29 j 18:52                        | 17° <b>∡</b> ¹05'49                    |             |
| minimum elong                     | -734 Dec 24 j 17:03                        | 26° <b>₹</b> 31'34                           |                   | asc. node                 | -733 Nov 30 j 04:26                        | 17° <b>∡</b> ¹04'55<br>−               |             |
| min. Earth dist.                  | -734 Dec 26 j 09:00                        |  | 0.65588 AU        | evening set               | -733 Dec 03 j 08:16                        | 15° <b>∡</b> 751'44                    |             |
| morning rise                      | -734 Dec 30 j 06:26                        | 20° <b>∡</b> 13'37                           |                   | inferior conj             | -733 Dec 08 j 20:13                        | 9° <b>∡</b> 751'16                     | 2°39'57     |
| direct                            | -733 Jan 05 j 19:18                        | 17° <b>∡</b> 23′09                           |                   | minimum elong             | -733 Dec 08 j 17:23                        | 10° <b>∡</b> ¹00'37                    | 2°39'05     |
| morning max el                    | -733 Jan 18 j 17:38                        | 24° <b>₹</b> 57'42<br>-                      | 26°37'57          | min. Earth dist.          | -733 Dec 09 j 19:43                        | 8° <b>∡</b> ³33'31<br>−                | 0.66608 AU  |
| desc. node                        | -733 Jan 22 j 11:15                        | 28° <b>₹</b> 59'20                           |                   | morning rise              | -733 Dec 14 j 02:20                        | 3° <b>∡</b> ¹38'37                     |             |
|                                   | -733 Jan 23 j 08:07                        | ರಿಂತ   |                   | direct                    | -733 Dec 20 j 01:54                        | 0° <b>∡</b> 759'47                     |             |
|                                   | -733 Feb 13 j 04:12                        | 0°≈  |                   | morning max el            | -732 Jan 01 j 02:42                        | 8° <b>∡</b> 708′29                     | 25°25'47    |
| morning set                       | -733 Feb 23 j 17:22                        | 18°≈46'25                                    | 1 2 4 7 1 4 4 7 7 | desc. node                | -732 Jan 09 j 08:17                        | 17° <b>∡</b> 740'45                    |             |
| max. Earth dist.                  | -733 Feb 27 j 23:29                        |  | 1.34714 AU        |                           | -732 Jan 18 j 06:35                        | 0° <b>ට</b>                            |             |
|                                   | -733 Mar 01 j 10:55                        | 0° <b>∀</b>                                  |                   | . ,                       | -732 Feb 05 j 16:30                        | 0°≈                                    |             |
|                                   | 722 M 04 : 00-26                           | 5° <b>)</b> €55'02                           | 1907/20           | morning set               | -732 Feb 06 j 09:07                        | 1°≈14'56                               | 1 26250 AII |
| superior conj                     | -733 Mar 04 j 08:26                        | 6°¥10'58                                     |                   | max. Earth dist.          | -732 Feb 10 j 03:08                        | 8°≈10′32                               | 1.36358 AU  |
| minimum elong                     | -733 Mar 04 j 11:31                        | 6° ★ 10′58<br>20° ★ 22′58                    | 1,06.57           |                           | 722 E-L 16:00-04                           | 1000 02 412 1                          | 1920140     |
| asc. node                         | -733 Mar 11 j 06:42                        |  |                   | superior conj             | -732 Feb 16 j 00:04                        | 19°≈34'21                              |             |
| evening rise                      | -733 Mar 11 j 22:25                        | 21° <b>)</b> 44′27<br>0° <b>°</b>            |                   | minimum elong             | -732 Feb 16 j 03:47                        | 19° <b>≈</b> 52'49<br>0° <b>米</b>      | 1-30/20     |
|                                   | -733 Mar 16 j 00:38                        | 0° γ<br>22° <b>Υ</b> ′54'31                  | 21900/57          |                           | -732 Feb 21 j 03:58                        | 6° <b>₩</b> 02'07                      |             |
| evening max el                    | -733 Mar 31 j 05:54                        | 22°° <b>Y</b> '34'31'<br>28° <b>Y</b> '30'33 | 21°00′56          | evening rise              | -732 Feb 24 j 03:11                        |  |             |
| retrograde                        | -733 Apr 11 j 20:04                        |  |                   | asc. node                 | -732 Feb 26 j 03:44                        | 10° <b>米</b> 05'39<br>0° <b>Ƴ</b>      |             |
| evening set                       | -733 Apr 14 j 02:45                        | 28°Υ18'23<br>25°Υ58'17                       |                   | avanina may al            | -732 Mar 08 j 19:13                        | 0° γ<br>4° <b>Υ</b> 25'31              | 19°48'20    |
| desc. node                        | -733 Apr 20 j 10:23                        | 23 <b>γ</b> 38 17<br>24° <b>Υ</b> 20'01      | 0050150           | evening max el            | -732 Mar 12 j 16:34                        | 4 1 23 31<br>9° <b>Υ</b> 09'34         | 19 46 20    |
| inferior conj                     | -733 Apr 23 j 09:54                        | 24° <b>Y</b> 23'26                           |                   | retrograde<br>evening set | -732 Mar 22 j 13:49                        | 9° <b>γ</b> 09'34<br>8° <b>Υ</b> 57'09 |             |
| minimum elong<br>min. Earth dist. | -733 Apr 23 j 07:29<br>-733 Apr 24 j 03:08 |  | 0.55047 AU        | inferior conj             | -732 Mar 24 j 17:19<br>-732 Apr 02 j 10:26 |  | 1°04'54     |
| morning rise                      | -733 Apr 24 j 03:08<br>-733 May 02 j 11:59 | 20° <b>Υ</b> 14'26                           | 0.33047 AU        | minimum elong             | -732 Apr 02 j 10:20<br>-732 Apr 02 j 13:09 | 4° <b>Υ</b> 50'56                      | 1°03'59     |
| direct                            | -733 May 02 j 11:39                        | 19° <b>Υ</b> 51'30                           |                   | min. Earth dist.          | -732 Apr 02 j 15:09                        | 3° <b>Υ</b> 30'15                      | 0.55736 AU  |
| morning max el                    | -733 May 18 j 16:38                        | 26° <b>Υ</b> 03'43                           | 22°37'11          | desc. node                | -732 Apr 04 j 17:20<br>-732 Apr 06 j 07:25 | 2° <b>Υ</b> '34'19                     | 0.55750 AC  |
| morning max cr                    | -733 May 22 j 10:00                        | 0°8  | 22 37 11          | morning rise              | -732 Apr 00 j 07:25                        | 0° <b>Υ</b> 21'11                      |             |
| asc. node                         | -733 Jun 07 j 06:00                        | 25° <b>8</b> 47'41                           |                   | morning rise              | -732 Apr 12 j 15:55                        | 30° <b>R</b> ₩                         |             |
| use. Houe                         | -733 Jun 09 j 07:17                        | 0°Ⅱ  |                   | direct                    | -732 Apr 15 j 10:37                        | 29° <b>)</b> 42'40                     |             |
| morning set                       | -733 Jun 09 j 19:53                        | 1° <b>Ⅱ</b> 05'34                            |                   | direct                    | -732 Apr 18 j 04:55                        | 0° <b>Υ</b>                            |             |
| morning sec                       | 755 van 67 j 17.55                         | 1 2033.                                      |                   | morning max el            | -732 Apr 29 j 08:42                        | 6° <b>Ƴ</b> 39'42                      | 24°17'53    |
| superior conj                     | -733 Jun 17 j 00:13                        | 16° <b>Ⅱ</b> 20'55                           | 1°26'55           | morning max or            | -732 May 16 j 03:29                        | 0°8                                    | 2. 1, 33    |
| minimum elong                     | -733 Jun 16 j 21:45                        | 16° <b>Ⅱ</b> 07'47                           | 1°26'38           | morning set               | -732 May 24 j 07:48                        | 16° <b>8</b> 04'38                     |             |
| max. Earth dist.                  | -733 Jun 19 j 22:22                        | 22° <b>I</b> I29'09                          | 1.34176 AU        | asc. node                 | -732 May 24 j 03:02                        | 15° <b>8</b> 39'36                     |             |
| man. Darm dige.                   | -733 Jun 23 j 14:57                        | 0.2<br>2                                     | 1.5 1170110       | use. Houe                 | -732 May 30 j 19:06                        | 0°II                                   |             |
| evening rise                      | -733 Jun 24 j 20:00                        | 2° <b>©</b> 23'38                            |                   |                           | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,     | _                                      |             |
| 8                                 | -733 Jul 10 j 13:22                        | $0^{\circ}\Omega$                            |                   | superior conj             | -732 May 31 j 08:30                        | 1° <b>Ⅱ</b> 12'34                      | 1°09'37     |
| desc. node                        | -733 Jul 17 i 09:41                        | 10° <b>Ω</b> 00'35                           |                   | minimum elong             | -732 May 31 j 06:03                        | 0° <b>Ⅱ</b> 59'19                      | 1°09'14     |
| evening max el                    | -733 Jul 29 j 10:01                        | 24° <b>Ω</b> 12'35                           | 27°12'02          | max. Earth dist.          | -732 Jun 02 j 02:13                        | 4° <b>Ⅱ</b> 57'22                      | 1.33204 AU  |
| <i>y</i>                          | -733 Aug 06 j 02:28                        | 0° m/y                                       |                   | evening rise              | -732 Jun 07 j 16:45                        | 16° <b>Ⅱ</b> 40'38                     |             |
| retrograde                        | -733 Aug 11 j 18:39                        | 1° mp 31'55                                  |                   | Č                         | -732 Jun 14 j 14:39                        | 0ංම                                    |             |
|                                   | -733 Aug 17 j 00:04                        | 30°RΩ  |                   | desc. node                | -732 Jul 03 j 06:42                        | 28°951'49                              |             |
| evening set                       | -733 Aug 18 j 18:41                        | 28° <b>Ω</b> 45'47                           |                   |                           | -732 Jul 04 j 04:44                        | $0^{\circ}\Omega$                      |             |
| min. Earth dist.                  | -733 Aug 22 j 13:33                        | 25° <b>Ω</b> 07'35                           | 0.64885 AU        | evening max el            | -732 Jul 10 j 20:06                        | 7° <b>Ω</b> 15'55                      | 27°25'18    |
| inferior conj                     | -733 Aug 24 j 17:05                        | 22° <b>Ω</b> 44'23                           |                   | retrograde                | -732 Jul 24 j 12:54                        | 14° <b>Ω</b> 36′13                     |             |
| minimum elong                     | -733 Aug 24 j 21:17                        | 22° <b>Ω</b> 32'41                           |                   | evening set               | -732 Jul 31 j 17:47                        | 11° <b>Ω</b> 58'39                     |             |
| morning rise                      | -733 Aug 31 j 00:34                        | 17° <b>Ω</b> 12′26                           |                   | min. Earth dist.          | -732 Aug 04 j 08:02                        | 8° <b>Ω</b> 52'54                      | 0.63309 AU  |
| direct                            | -733 Sep 02 j 18:09                        | 16° <b>Ω</b> 32'49                           |                   | inferior conj             | -732 Aug 07 j 00:53                        | 6° <b>Ω</b> 10′35                      | -3°45'39    |
| asc. node                         | -733 Sep 03 j 05:13                        | 16° <b>Ω</b> 33'57                           |                   | minimum elong             | -732 Aug 07 j 05:28                        | 5° <b>Ω</b> 59'04                      | 3°44'32     |
| morning max el                    | -733 Sep 09 j 06:31                        | 20° <b>Ω</b> 02'50                           | 18°07'27          | morning rise              | -732 Aug 13 j 18:16                        | 0° <b>Ω</b> 56′26                      |             |
| -                                 | -733 Sep 16 j 18:24                        | 0° mp  |                   | direct                    | -732 Aug 16 j 07:46                        | 0° <b>£</b> 25′02                      |             |
| morning set                       | -733 Sep 27 j 08:35                        | 17° mp 23'13                                 |                   | asc. node                 | -732 Aug 20 j 02:16                        | 1° <b>Ω</b> 33'58                      |             |
|                                   | -733 Oct 04 j 23:41                        | 0∘ <b>⊽</b>                                  |                   | morning max el            | -732 Aug 22 j 22:09                        | 3° <b>Ω</b> 50′10                      | 17°54'09    |
|                                   | ~  |  |                   | morning set               | -732 Sep 08 j 12:26                        | 29° <b>£</b> 31′30                     |             |
| superior conj                     | -733 Oct 11 j 08:22                        | 10° <b>≙</b> 16′26                           | 0°13'17           |                           | -732 Sep 08 j 18:56                        | 0° <b>m</b>                            |             |
| minimum elong                     | -733 Oct 11 j 09:59                        | 10° <b>≏</b> 22'55                           | 0°13'03           |                           |  |  |             |
| behind sun begin                  | -733 Oct 11 j 03:32                        | 9° <b>ჲ</b> 57'06                            |                   | superior conj             | -732 Sep 20 j 12:13                        | 20° <b>m</b> 04'48                     | 0°55'38     |
| behind sun end                    | -733 Oct 11 j 16:27                        | 10° <b>≏</b> 48'43                           |                   | minimum elong             | -732 Sep 20 j 17:11                        | $20^{\circ}$ My $25^{\circ}$ 27        | 0°55'02     |

| -                                       | -  |  |             |  | 901 BCE in historical cou                  |  | 50 )1       |
|---|--|--|-------------|--|--|--|-------------|
| , | -732 Sep 26 j 13:49                        | 0∘ <b>⊽</b>                              |             | max. Earth dist.                       | -731 Sep 09 j 07:34                        |  | 1.42243 AU  |
| max. Earth dist.                        | -732 Sep 26 j 20:28                        | 0° <b>≏</b> 26'47                        | 1.43766 AU  | evening rise                           | -731 Sep 15 j 15:55                        | 24° <b>m</b> 17'27                     |             |
| desc. node                              | -732 Sep 29 j 06:03                        | 4° <b>£</b> 16'49                        |             | desc. node                             | -731 Sep 16 j 03:05                        | 25° <b>m</b> 01'39                     |             |
| evening rise                            | -732 Oct 06 j 03:06                        | 15° <b>≙</b> 03'17                       |             |  | -731 Sep 19 j 07:19                        | 0∘ <b>⊽</b>                            |             |
|   | -732 Oct 15 j 23:05                        | $0^{\circ}$ M                            |             |  | -731 Oct 09 j 23:49                        | $0^{\circ}$ M                          |             |
| evening max el                          | -732 Nov 04 j 07:36                        | 26°M10'18                                | 20°54'33    | evening max el                         | -731 Oct 18 j 02:41                        | 9° <b>™</b> 38'54                      | 22°09'05    |
|   | -732 Nov 08 j 23:10                        | 0° <b>∡</b> ¹                            |             | retrograde                             | -731 Oct 27 j 12:22                        | 15°M14'23                              |             |
| retrograde                              | -732 Nov 12 j 16:24                        | 1° <b>₰</b> 07'54                        |             | evening set                            | -731 Oct 31 j 23:12                        | 13°M27'44                              |             |
| asc. node                               | -732 Nov 16 j 01:29                        | 0° <b>₹</b> 03'00                        |             | asc. node                              | -731 Nov 02 j 22:32                        | 11°M32'09                              |             |
|   | -732 Nov 16 j 03:19                        | 30°RM                                    |             | inferior conj                          | -731 Nov 06 j 07:25                        | 7° <b>™</b> 09'52                      | 1°08'32     |
| evening set                             | -732 Nov 16 j 15:27                        | 29°M38'27                                |             | minimum elong                          | -731 Nov 06 j 05:53                        | 7° <b>™</b> 15'09                      | 1°07'55     |
| inferior conj                           | -732 Nov 22 j 00:45                        | 23°M27'28                                |             | min. Earth dist.                       | -731 Nov 06 j 07:59                        | 7°M07'53                               | 0.67587 AU  |
| minimum elong                           | -732 Nov 21 j 22:22                        | 23°M35'35                                |             | morning rise                           | -731 Nov 11 j 12:25                        | 0° <b>ጤ</b> 57'10                      |             |
| min. Earth dist.                        | -732 Nov 22 j 12:11                        | 22°M48'16                                | 0.67264 AU  |  | -731 Nov 12 j 19:52                        | 30° <b>₹</b> Ω                         |             |
| morning rise                            | -732 Nov 27 j 05:07                        | 17°M13'36                                |             | direct                                 | -731 Nov 16 j 05:55                        | 28° <b>⊆</b> 59'01                     |             |
| direct                                  | -732 Dec 02 j 13:41                        | 14°M53'28                                | 24000157    |  | -731 Nov 19 j 23:04                        | 0°M                                    | 22022122    |
| morning max el                          | -732 Dec 13 j 11:12                        | 21°M23'33                                | 24°00'57    | morning max el                         | -731 Nov 25 j 21:47                        | 4°M42'54                               | 22°33'22    |
| 11-                                     | -732 Dec 20 j 22:02                        | 0°⊀<br>7°⊀02'49                          |             | desc. node                             | -731 Dec 13 j 02:22                        | 26°M54'14<br>0°⊀                       |             |
| desc. node                              | -732 Dec 26 j 05:19                        | /* <b>メ</b> ・0249<br>0° <b>る</b>         |             | morning set                            | -731 Dec 15 j 05:06                        | 22° <b>x</b> <sup>7</sup> 30'29        |             |
| morning set                             | -731 Jan 10 j 13:18<br>-731 Jan 18 j 02:51 | 0 3<br>12° <b>る</b> 34'20                |             | morning set                            | -731 Dec 29 j 16:40<br>-730 Jan 03 j 04:50 | 22 x・3029                              |             |
| max. Earth dist.                        | -  | 12 <b>33</b> 420                         | 1 20244 ATT | max. Earth dist.                       | -730 Jan 03 j 18:44                        | 0° <b>る</b> 58'54                      | 1 40462 ATT |
| max. Earth dist.                        | -731 Jan 21 j 22:50<br>-731 Jan 27 j 19:09 | 19 <b>⊘</b> 1711                         | 1.38344 AU  | max. Earm dist.                        | -/30 Jan 03 J 18.44                        | 0 03834                                | 1.40463 AU  |
|   | -/31 Jan 2/ J 19.09                        | 0 ~                                      |             | superior conj                          | -730 Jan 11 j 14:05                        | 14° <b>る</b> 39'20                     | 1°50'47     |
| superior conj                           | -731 Jan 29 j 03:30                        | 2°≈32'55                                 | -1°49'20    | minimum elong                          | -730 Jan 11 j 15:22                        | 14° පි45'06                            |             |
| minimum elong                           | -731 Jan 29 j 06:49                        | 2°≈48'45                                 |             | minimum ciong                          | -730 Jan 19 j 20:49                        | 0°≈                                    | 1 37 40     |
| evening rise                            | -731 Feb 07 j 01:08                        | 19°≈53'20                                | 1 47 03     | evening rise                           | -730 Jan 21 j 13:15                        | 3°≈10'54                               |             |
| asc. node                               | -731 Feb 12 j 00:47                        | 29°≈28'20                                |             | asc. node                              | -730 Jan 29 j 21:50                        | 18° <b>≈</b> 24'08                     |             |
| use. Houe                               | -731 Feb 12 j 07:37                        | 0° <b>∀</b>                              |             | evening max el                         | -730 Feb 06 j 19:14                        | 29° <b>≈</b> 13'07                     | 18°21'40    |
| evening max el                          | -731 Feb 23 j 13:50                        | 16° <b>)</b> 33′57                       | 18°55'00    | ************************************** | -730 Feb 07 j 15:36                        | 0° <b>∀</b>                            |             |
| retrograde                              | -731 Mar 03 j 22:30                        | 20° <b>)</b> 36'01                       |             | retrograde                             | -730 Feb 14 j 01:56                        | 2° <b>)</b> (49'10                     |             |
| evening set                             | -731 Mar 06 j 05:56                        | 20° <b>)</b> 18'48                       |             | evening set                            | -730 Feb 16 j 14:23                        | 2° <b>)</b> €24'28                     |             |
| inferior conj                           | -731 Mar 14 j 04:24                        | 16° <b>₩</b> 01'47                       | 2°34'35     | Č                                      | -730 Feb 21 j 00:18                        | 30°R <b>≈</b>                          |             |
| minimum elong                           | -731 Mar 14 j 08:52                        | 15° <b>¥</b> 53'45                       | 2°33'24     | inferior conj                          | -730 Feb 23 j 19:18                        | 27° <b>≈</b> 47'02                     | 3°28'28     |
| min. Earth dist.                        | -731 Mar 17 j 09:36                        | 13° <b>)</b> 44′30                       | 0.57215 AU  | minimum elong                          | -730 Feb 23 j 22:27                        | 27° <b>≈</b> 40'27                     | 3°27'59     |
| morning rise                            | -731 Mar 22 j 08:50                        | 10° <b>)</b> 55′14                       |             | min. Earth dist.                       | -730 Feb 27 j 05:31                        | 24° <b>≈</b> 56'37                     | 0.59175 AU  |
| desc. node                              | -731 Mar 24 j 04:27                        | 10° <b>)</b> 16′58                       |             | morning rise                           | -730 Mar 03 j 04:10                        | 22° <b>≈</b> 14'58                     |             |
| direct                                  | -731 Mar 27 j 16:36                        | 9° <b>)(</b> 47'07                       |             | direct                                 | -730 Mar 09 j 11:48                        | 20° <b>≈</b> 28'55                     |             |
| morning max el                          | -731 Apr 10 j 23:53                        | 17° <b>∺</b> 13′26                       | 25°51'25    | desc. node                             | -730 Mar 11 j 01:31                        | 20° <b>≈</b> 35′21                     |             |
|   | -731 Apr 21 j 11:57                        | $0^{\circ}\Upsilon$                      |             | morning max el                         | -730 Mar 23 j 19:08                        | 28° <b>≈</b> 10′14                     | 27°02'51    |
|   | -731 May 08 j 07:24                        | $9^{\circ}$ 8                            |             |  | -730 Mar 25 j 14:08                        | 0° <b>∀</b>                            |             |
| morning set                             | -731 May 08 j 19:29                        | 1° <b>8</b> 03'16                        |             |  | -730 Apr 15 j 02:34                        | $0^{\circ}$ Y                          |             |
| asc. node                               | -731 May 11 j 00:04                        | 5° <b>8</b> 43'11                        |             | morning set                            | -730 Apr 23 j 05:13                        | 15° <b>Y</b> ′54'41                    |             |
|   |  |  |             | asc. node                              | -730 Apr 27 j 21:07                        | 25° <b>Y</b> ′53′02                    |             |
| superior conj                           | -731 May 15 j 19:27                        | 16° <b>8</b> 11'44                       | 0°48'50     |  | -730 Apr 29 j 18:15                        | 0°8                                    |             |
| minimum elong                           | -731 May 15 j 17:29                        | 16° <b>8</b> 01'01                       | 0°48'28     |  |  |  |             |
| max. Earth dist.                        | -731 May 16 j 12:19                        | 17° <b>8</b> 44'00                       | 1.32609 AU  | superior conj                          | -730 Apr 30 j 07:13                        | 1° <b>8</b> 11'07                      |             |
| i ·                                     | -731 May 22 j 05:29                        | 0° <b>Π</b>                              |             | minimum elong                          | -730 Apr 30 j 06:06                        | 1° <b>8</b> 05'02                      | 0°25'08     |
| evening rise                            | -731 May 22 j 20:44                        | 1° <b>Ⅱ</b> 19'22                        |             | max. Earth dist.                       | -730 Apr 30 j 01:11                        | 0° <b>8</b> 38'00                      | 1.32379 AU  |
| daga = - 1-                             | -731 Jun 07 j 14:16                        | 0°99                                     |             | evening rise                           | -730 May 07 j 05:21                        | 16° <b>႘</b> 10'16<br>0° <b>Ⅱ</b>      |             |
| desc. node                              | -731 Jun 20 j 03:43                        | 16°545'22                                | 27007127    |  | -730 May 14 j 03:52                        |  |             |
| evening max el                          | -731 Jun 23 j 02:23                        | 19°545'42                                | 2/306/36    |  | -730 Jun 03 j 13:32                        | 0°©                                    | 26915116    |
| retrograde                              | -731 Jul 07 j 00:30                        | 27°503'51                                |             | evening max el                         | -730 Jun 05 j 02:35                        | 1°532'00                               | 26°15'16    |
| evening set                             | -731 Jul 14 j 01:06                        | 24°549'05                                | 0.61422.411 | desc. node                             | -730 Jun 07 j 00:46                        | 3°516'13                               |             |
| min. Earth dist.                        | -731 Jul 17 j 16:27                        | 22°504'58                                | 0.61422 AU  | retrograde                             | -730 Jun 19 j 03:35                        | 8°546'07                               |             |
| inferior conj<br>minimum elong          | -731 Jul 20 j 20:21<br>-731 Jul 21 j 00:00 | 19° <b>©</b> 17'05<br>19° <b>©</b> 08'58 |             | evening set<br>min. Earth dist.        | -730 Jun 25 j 12:00<br>-730 Jun 29 j 15:34 | 7° <b>©</b> 06'22<br>4° <b>©</b> 27'46 | 0.59376 AU  |
| morning rise                            | -731 Jul 21 j 00:00<br>-731 Jul 28 j 00:32 | 19°508'38<br>14°523'22                   | 7 41 30     | inferior conj                          | -730 Jul 29 j 13:34<br>-730 Jul 02 j 23:49 | 1°953'28                               |             |
| direct                                  | -731 Jul 28 j 00:32<br>-731 Jul 30 j 12:16 | 14°923'22<br>13°957'40                   |             | minimum elong                          | -730 Jul 02 j 23:49<br>-730 Jul 03 j 00:37 | 1°953'28                               |             |
| morning max el                          | -731 Aug 06 j 12:11                        | 13 \$37 40<br>17°\$26'46                 | 17°59'24    | minimum ciong                          | -730 Jul 05 j 12:48                        | 1 <b>3</b> 031 34                      | T TUU/      |
| asc. node                               | -731 Aug 06 j 23:18                        | 17 \$2040<br>17° \$254'34                | 11 37 4     | morning rise                           | -730 Jul 03 j 12:48                        | 30 KII<br>27°II21'53                   |             |
| 450. HOUC                               | -731 Aug 15 j 10:59                        | 17 <b>3</b> 34 34 0° <b>Ω</b>            |             | direct                                 | -730 Jul 10 j 13:29                        | 27° <b>Ⅱ</b> 21′33                     |             |
| morning set                             | -731 Aug 22 j 11:10                        | 12° <b>Ω</b> 34'42                       |             | 411001                                 | -730 Jul 20 j 02:26                        | 0°95                                   |             |
|   | -731 Sep 01 j 02:30                        | 0° M)                                    |             | morning max el                         | -730 Jul 20 j 21:30                        | 0°5643'08                              | 18°24'19    |
|   | p 0.1 j 02.50                              | ~ ''x'                                   |             | asc. node                              | -730 Jul 24 j 20:21                        | 5° <b>©</b> 19'24                      | /           |
| superior conj                           | -731 Sep 01 j 19:39                        | 1° Mp 15'12                              | 1°25'13     | morning set                            | -730 Aug 05 j 23:29                        | 26°9517'32                             |             |
| minimum elong                           | -731 Sep 02 j 00:12                        | 1° m/35'05                               |             | <i>5</i>                               | -730 Aug 07 j 21:56                        | 0°Ω                                    |             |
| J                                       | 1 3  | •  |             |  | S 3  |  |             |

| •                | •  |   | •           | * *                             | 901 BCE in historical cou                  |  | 50 72      |
|------------------|--|---|-------------|---------------------------------|--|--|------------|
| superior conj    | -730 Aug 15 j 02:56                        | 13° <b>Ω</b> 36′16                      |             | morning set                     | -729 Jul 20 j 21:24                        | 10°929'45                                |            |
| minimum elong    | -730 Aug 15 j 05:24                        | 13° <b>Ω</b> 47'35                      | 1°41'43     |                                 |  |  |            |
| max. Earth dist. | -730 Aug 22 j 13:28                        | 26° <b>Ω</b> 53'10                      | 1.40355 AU  | superior conj                   | -729 Jul 29 j 04:26                        | 26° <b>©</b> 52'39                       | 1°47'33    |
|                  | -730 Aug 24 j 09:07                        | 0° <b>m</b>                             |             | minimum elong                   | -729 Jul 29 j 04:43                        | 26°954'02                                | 1°47'33    |
| evening rise     | -730 Aug 27 j 01:29                        | 4° m 30'03                              |             |                                 | -729 Jul 30 j 19:25                        | $0^{\circ}\Omega$                        |            |
| desc. node       | -730 Sep 03 j 00:08                        | 15° <b>m</b> 40'29                      |             | max. Earth dist.                | -729 Aug 04 j 16:31                        | 9° <b>Ω</b> 05'43                        | 1.38349 AU |
|                  | -730 Sep 12 j 12:53                        | 0∘ <b>⊽</b>                             |             | evening rise                    | -729 Aug 08 j 12:09                        | 15° <b>Ω</b> 53'57                       |            |
| evening max el   | -730 Sep 30 j 17:09                        | 23° <b>ჲ</b> 09'50                      | 23°28'59    |                                 | -729 Aug 16 j 22:49                        | 0° <b>m</b>                              |            |
| retrograde       | -730 Oct 11 j 05:24                        | 29° <b>≏</b> 22'19                      |             | desc. node                      | -729 Aug 20 j 21:09                        | 6° <b>™</b> 08'59                        |            |
| evening set      | -730 Oct 16 j 05:50                        | 27° <b>≏</b> 17'19                      |             |                                 | -729 Sep 07 j 02:52                        | 0∘ <b>⊽</b>                              |            |
| asc. node        | -730 Oct 20 j 19:34                        | 22° <b>ჲ</b> 00'33                      |             | evening max el                  | -729 Sep 13 j 04:59                        | 6° <b>≏</b> 43'40                        | 24°47'43   |
| min. Earth dist. | -730 Oct 21 j 04:36                        | 21° <b>≙</b> 29'47                      |             | retrograde                      | -729 Sep 24 j 18:30                        | 13° <b>≙</b> 27'40                       |            |
| inferior conj    | -730 Oct 21 j 14:23                        | 20° <b>≏</b> 56'16                      | 0°16'14     | evening set                     | -729 Sep 30 j 09:37                        | 11° <b>≏</b> 04'52                       |            |
| minimum elong    | -730 Oct 21 j 14:00                        | 20° <b>♀</b> 57'35                      | 0°16'04     | min. Earth dist.                | -729 Oct 04 j 23:34                        | 5° <b>≙</b> 51'48                        | 0.67269 AU |
| transit middle   | -730 Oct 21 j 14:00                        | 20° <b>♀</b> 57'35                      | 0°16'04     | inferior conj                   | -729 Oct 05 j 19:56                        | 4° <b>£</b> 44'19                        |            |
| transit begin    | -730 Oct 21 j 13:32                        | 20° <b>£</b> 59'13                      |             | minimum elong                   | -729 Oct 05 j 20:52                        | 4° <b>亞</b> 41'11                        | 0°38'06    |
| transit end      | -730 Oct 21 j 14:29                        | 20° <b>Ω</b> 55'58                      |             | asc. node                       | -729 Oct 07 j 16:38                        | 2° <b>₽</b> 19'54                        |            |
| morning rise     | -730 Oct 26 j 22:06                        | 14° <b>£</b> 47'22                      |             |                                 | -729 Oct 09 j 18:54                        | 30°RM)                                   |            |
| direct           | -730 Oct 31 j 01:31                        | 13° <b>£</b> 11′25                      | 21011122    | morning rise                    | -729 Oct 11 j 08:12                        | 28° Mp 41'57                             |            |
| morning max el   | -730 Nov 08 j 13:59<br>-730 Nov 18 j 04:20 | 18° <b>£</b> 10'34<br>0° <b>I</b> L     | 21-11-23    | direct                          | -729 Oct 14 j 23:12<br>-729 Oct 20 j 14:52 | 27° <b>™</b> 26'14<br>0° <b>₽</b>        |            |
| desc. node       | -730 Nov 18 j 04.20<br>-730 Nov 29 j 23:26 | 17°M-06'49                              |             | morning max el                  | -729 Oct 20 j 14:32<br>-729 Oct 22 j 13:45 | 0 <b>==</b><br>1° <b>£</b> 48'29         | 20°00'27   |
| desc. node       | -730 Nov 29 j 23.20<br>-730 Dec 08 j 08:59 | 0° <b>√</b>                             |             | morning max er                  | -729 Nov 11 j 22:06                        | 0°M                                      | 20 00 27   |
| morning set      | -730 Dec 09 j 02:42                        | 1° <b>х</b> 09′25                       |             | desc. node                      | -729 Nov 16 j 20:29                        | 7°M33'55                                 |            |
| max. Earth dist. | -730 Dec 16 j 21:34                        |   | 1.42415 AU  | morning set                     | -729 Nov 17 j 23:26                        | 9°M18'00                                 |            |
| max. Darm dist.  | 750 Bec 10 j 21.5 i                        | 13 7 37 30                              | 1.12113110  | max. Earth dist.                | -729 Nov 29 j 08:13                        | 27°ML08'03                               | 1.43926 AU |
| superior conj    | -730 Dec 24 j 02:27                        | 25° <b>х</b> 40′53                      | -1°57'56    | max. Dartii dist.               | -729 Dec 01 j 03:09                        | 0° <b>⊼</b> ¹                            | 1.13720710 |
| minimum elong    | -730 Dec 23 j 23:41                        | 25° <b>₹</b> 29'05                      |             |                                 | 729 200 org os.os                          | • •                                      |            |
|                  | -730 Dec 26 j 14:35                        | 0°궁                                     |             | superior conj                   | -729 Dec 04 j 12:04                        | 5° <b>∡</b> ¹27'21                       | -1°39'31   |
| evening rise     | -729 Jan 04 j 11:55                        | 15° <b>る</b> 47'33                      |             | minimum elong                   | -729 Dec 04 j 04:55                        | 4° <b>∡</b> 758'13                       | 1°38'56    |
| S                | -729 Jan 12 j 12:25                        | 0° <b>≈</b>                             |             | evening rise                    | -729 Dec 17 j 16:47                        | 27° <b>∡</b> ³34′20                      |            |
| asc. node        | -729 Jan 16 j 18:53                        | 6° <b>≈</b> 44'49                       |             |                                 | -729 Dec 19 j 02:44                        | 0°ರ                                      |            |
| evening max el   | -729 Jan 21 j 05:38                        | 12° <b>≈</b> 14'24                      | 18°08'07    | asc. node                       | -728 Jan 03 j 15:56                        | 24° <b>る</b> 19'09                       |            |
| retrograde       | -729 Jan 27 j 21:58                        | 15° <b>≈</b> 40′13                      |             | evening max el                  | -728 Jan 04 j 18:04                        | 25° <b>る</b> 29'15                       | 18°13'48   |
| evening set      | -729 Jan 30 j 14:44                        | 15° <b>≈</b> 06'49                      |             | retrograde                      | -728 Jan 11 j 05:59                        | 28° <b>る</b> 58'07                       |            |
| inferior conj    | -729 Feb 06 j 05:23                        | 10° <b>≈</b> 07'48                      | 3°50'51     | evening set                     | -728 Jan 14 j 02:57                        | 28° <b>る</b> 15'10                       |            |
| minimum elong    | -729 Feb 06 j 06:10                        | 10° <b>≈</b> 05'54                      | 3°50'49     | inferior conj                   | -728 Jan 20 j 06:46                        | 22° <b>る</b> 55'55                       | 3°49'38    |
| min. Earth dist. | -729 Feb 09 j 08:04                        |   | 0.61262 AU  | minimum elong                   | -728 Jan 20 j 05:34                        | 22° <b>る</b> 59'12                       |            |
| morning rise     | -729 Feb 12 j 20:12                        | 4° <b>≈</b> 18'45                       |             | min. Earth dist.                | -728 Jan 22 j 19:48                        |  | 0.63200 AU |
| direct           | -729 Feb 19 j 17:25                        | 1° <b>≈</b> 57'53                       |             | morning rise                    | -728 Jan 26 j 07:24                        | 16° <b>る</b> 55'55                       |            |
| desc. node       | -729 Feb 25 j 22:34                        | 3°≈40'05                                |             | direct                          | -728 Feb 02 j 07:31                        | 14° <b>る</b> 11'56                       |            |
| morning max el   | -729 Mar 05 j 20:44                        |   | 27°41'19    | desc. node                      | -728 Feb 12 j 19:38                        | 19°る00'05                                |            |
|                  | -729 Mar 21 j 13:05                        | 0° <b>){</b>                            |             | morning max el                  | -728 Feb 16 j 03:40                        | 22° <b>る</b> 02'33                       | 27°42'48   |
| morning set      | -729 Apr 07 j 11:08                        | 0° <b>Υ</b> 32'23<br>0° <b>Υ</b>        |             |                                 | -728 Feb 23 j 04:00                        | 0° <b>Ж</b>                              |            |
| F4l- 4i-4        | -729 Apr 07 j 04:49<br>-729 Apr 13 j 13:00 |   | 1 22510 ATT |                                 | -728 Mar 13 j 16:09                        |  |            |
| max. Earth dist. | -/29 Apr 13 J 13:00                        | 13° <b>Y</b> 25′57                      | 1.32510 AU  | morning set<br>max. Earth dist. | -728 Mar 21 j 10:56<br>-728 Mar 26 j 19:41 | 14° <b>)</b> 47'55<br>25° <b>)</b> 53'07 | 1.33024 AU |
| superior conj    | -729 Apr 14 j 18:10                        | 16° <b>Ƴ</b> ′04'53                     | -0°00'00    | max. Earth dist.                | -728 Mar 28 j 17:55                        | 25 <b>γ</b> (35 0 /                      | 1.55024 AO |
| minimum elong    | -729 Apr 14 j 18:10                        | 16 <b>γ</b> 04 33<br>16° <b>γ</b> 04'52 |             |                                 | 120 Mai 20 J 11.33                         | v I                                      |            |
| behind sun begin | -729 Apr 14 j 15:09                        | 15° <b>Υ</b> 48'24                      | 0 00 00     | superior conj                   | -728 Mar 29 j 02:32                        | 0° <b>Y</b> '46'23                       | -0°26'26   |
| behind sun end   | -729 Apr 14 j 21:11                        | 16° <b>Υ</b> 21'20                      |             | minimum elong                   | -728 Mar 29 j 03:48                        | 0° <b>Υ</b> 53'07                        | 0°26'10    |
| asc. node        | -729 Apr 14 j 18:11                        | 16° <b>Y</b> °04'57                     |             | asc. node                       | -728 Mar 31 j 15:14                        | 6° <b>Y</b> 14'07                        | 0 20 10    |
|                  | -729 Apr 21 j 04:05                        | 0°8                                     |             | evening rise                    | -728 Apr 05 j 04:16                        | 15° <b>Ƴ</b> 58'41                       |            |
| evening rise     | -729 Apr 21 j 16:30                        | 1° <b>8</b> 05'52                       |             | S                               | -728 Apr 12 j 04:48                        | $9^{\circ}$ 8                            |            |
| <i>8</i>         | -729 May 07 j 13:42                        | 0°П                                     |             | evening max el                  | -728 Apr 28 j 10:50                        | 23° <b>8</b> 12'30                       | 23°23'34   |
| evening max el   | -729 May 17 j 20:13                        | 12° <b>Ⅲ</b> 35′22                      | 24°56'51    | desc. node                      | -728 May 10 j 18:47                        | 29° <b>8</b> 55'16                       |            |
| desc. node       | -729 May 24 j 21:46                        | 17° <b>Ⅱ</b> 51'48                      |             | retrograde                      | -728 May 12 j 00:25                        | 29° <b>8</b> 58'44                       |            |
| retrograde       | -729 May 31 j 20:03                        | 19° <b>Ⅱ</b> 41'39                      |             | evening set                     | -728 May 15 j 17:49                        | 29° <b>8</b> 28'14                       |            |
| evening set      | -729 Jun 06 j 00:01                        | 18° <b>Ⅱ</b> 40'40                      |             | min. Earth dist.                | -728 May 22 j 21:02                        | 26° <b>8</b> 12'52                       | 0.55866 AU |
| min. Earth dist. | -729 Jun 11 j 07:50                        | 15° <b>Ⅱ</b> 50'33                      | 0.57416 AU  | inferior conj                   | -728 May 24 j 20:12                        | 25° <b>8</b> 03'03                       | -3°34'59   |
| inferior conj    | -729 Jun 14 j 08:01                        | 13° <b>Ⅱ</b> 50′22                      | -4°28'18    | minimum elong                   | -728 May 24 j 13:19                        | 25° <b>8</b> 13'17                       | 3°33'20    |
| minimum elong    | -729 Jun 14 j 04:24                        | 13° <b>Ⅱ</b> 56′26                      | 4°27'54     | morning rise                    | -728 Jun 02 j 11:36                        | 21° <b>8</b> 07'10                       |            |
| morning rise     | -729 Jun 22 j 11:34                        | 9° <b>Ⅱ</b> 40′05                       |             | direct                          | -728 Jun 05 j 03:28                        | 20° <b>8</b> 49'48                       |            |
| direct           | -729 Jun 25 j 01:11                        | 9° <b>Ⅲ</b> 20'59                       |             | morning max el                  | -728 Jun 15 j 14:50                        | 25° <b>8</b> 40'30                       | 20°16'31   |
| morning max el   | -729 Jul 03 j 23:11                        | 13° <b>Ⅲ</b> 30'36                      | 19°09'58    |                                 | -728 Jun 19 j 13:44                        | 0°Щ                                      |            |
| asc. node        | -729 Jul 11 j 17:25                        | 23° <b>Ⅱ</b> 34'33                      |             | asc. node                       | -728 Jun 27 j 14:29                        | 12° <b>Ⅱ</b> 28'06                       |            |
|                  | -729 Jul 15 j 10:22                        | 0ంబ                                     |             | morning set                     | -728 Jul 04 j 01:58                        | 25° <b>Ⅱ</b> 03'29                       |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 93 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: The | he year -900 in              | astronomical cou | nting style is the year 9 | 001 BCE in historical cou                  | ınting style.                            |             |
|---------------------|-------------------------------|------------------------------|------------------|---------------------------|--|--|-------------|
|                     | -728 Jul 06 j 11:54           | 0ಂ <b>ತಾ</b>                 |                  | superior conj             | -727 Jun 25 j 18:45                        | 25° <b>Ⅱ</b> 15′25                       | 1°34'55     |
|                     |                               |                              |                  | minimum elong             | -727 Jun 25 j 16:31                        | 25° <b>Ⅱ</b> 03'43                       | 1°34'44     |
| superior conj       | -728 Jul 11 j 19:02           | 10° <b>©</b> 49'56           | 1°44'35          |                           | -727 Jun 28 j 01:44                        | $0$ $\circ$ $\odot$                      |             |
| minimum elong       | -728 Jul 11 j 17:43           | 10° <b>©</b> 43'15           | 1°44'33          | max. Earth dist.          | -727 Jun 29 j 10:58                        | 2° <b>5</b> 49'24                        | 1.34899 AU  |
| max. Earth dist.    | -728 Jul 16 j 21:54           | 20°©55'52                    | 1.36470 AU       | evening rise              | -727 Jul 03 j 23:37                        | 11°5945'20                               |             |
| evening rise        | -728 Jul 20 j 21:11           | 28° <b>©</b> 23'34           |                  | •                         | -727 Jul 14 j 03:45                        | $0^{\circ}\Omega$                        |             |
| Č                   | -728 Jul 21 j 18:18           | $0^{\circ}\Omega$            |                  | desc. node                | -727 Jul 24 j 15:08                        | 16° <b>Ω</b> 11'35                       |             |
| desc. node          | -728 Aug 06 j 18:08           | 26° <b>Ω</b> 21'53           |                  |                           | -727 Aug 04 j 10:50                        | 0° m)                                    |             |
| acco. noac          | -728 Aug 09 j 05:47           | 0° m)                        |                  | evening max el            | -727 Aug 08 j 03:59                        | 3° <b>m</b> 51'46                        | 26°51'37    |
| evening max el      | -728 Aug 25 j 16:16           | 20° mp 19'35                 | 25°57'51         | retrograde                | -727 Aug 21 j 06:34                        | 11° <b>m</b> 09'20                       | 20 3137     |
| retrograde          | -728 Sep 07 j 03:06           | 27° m) 25'47                 | 23 37 31         | evening set               | -727 Aug 21 j 00:34<br>-727 Aug 28 j 00:47 | 8° m 23'50                               |             |
| evening set         | -728 Sep 07 j 03:00           | 24° Mp 48'20                 |                  | min. Earth dist.          | -727 Aug 31 j 23:22                        | 4° Mp 24'26                              | 0.65620 AU  |
| =                   |                               |                              | 0.66620 ATT      |                           | • •  |  |             |
| min. Earth dist.    | -728 Sep 17 j 14:37           |                              |                  | inferior conj             | -727 Sep 02 j 19:20                        | 2° m 15'43                               |             |
| inferior conj       | -728 Sep 18 j 22:15           | 18° Mp 32'06                 |                  | minimum elong             | -727 Sep 02 j 22:58                        | 2° m 05'03                               | 2°2/15      |
| minimum elong       | -728 Sep 19 j 00:36           | 18° <b>m</b> 24'41           | 1°33'06          |                           | -727 Sep 04 j 19:08                        | 30°R <b>Ω</b>                            |             |
| asc. node           | -728 Sep 23 j 13:41           | 13°Mp27'15                   |                  | morning rise              | -727 Sep 08 j 21:42                        | 26° <b>Ω</b> 35′00                       |             |
| morning rise        | -728 Sep 24 j 16:47           | 12° Mp 39'02                 |                  | asc. node                 | -727 Sep 10 j 10:44                        | 25° <b>Ω</b> 59'14                       |             |
| direct              | -728 Sep 27 j 21:31           | 11° <b>m</b> /40'15          |                  | direct                    | -727 Sep 11 j 18:34                        | 25° <b>Ω</b> 49'27                       |             |
| morning max el      | -728 Oct 04 j 20:46           | 15° <b>m</b> 35'23           | 19°03'46         | morning max el            | -727 Sep 18 j 09:06                        | 29° <b>Ω</b> 26′29                       | 18°23'04    |
|                     | -728 Oct 15 j 15:45           | 0。 <b>亚</b>                  |                  |                           | -727 Sep 18 j 22:00                        | 0° <b>m</b>                              |             |
| morning set         | -728 Oct 27 j 07:25           | 18° <b>≏</b> 06'53           |                  | morning set               | -727 Oct 07 j 18:05                        | 28° Mp 16'14                             |             |
| desc. node          | -728 Nov 02 j 17:30           | 28° <b>£</b> 11′08           |                  |                           | -727 Oct 08 j 19:37                        | 0∘ <b>ত</b>                              |             |
|                     | -728 Nov 03 j 21:16           | 0°M                          |                  | desc. node                | -727 Oct 20 j 14:29                        | 18° <b>≏</b> 54'22                       |             |
| max. Earth dist.    | -728 Nov 11 j 00:07           |                              | 1.44808 AU       |                           |  |  |             |
| man zam usv.        | ,201.07 11 , 00.07            | 11 11011 03                  | 1.1.1000110      | superior conj             | -727 Oct 22 j 21:43                        | 22° <b>ჲ</b> 32'34                       | -0°15'00    |
| superior conj       | -728 Nov 12 j 21:23           | 14° <b>M</b> 09'37           | -1°03'08         | minimum elong             | -727 Oct 22 j 19:44                        | 22° <b>£</b> 24'48                       |             |
|                     | -                             | 13°M40'18                    |                  | -                         | -727 Oct 22 j 14:55                        | 22° <b>£</b> 05'46                       | 0 14 44     |
| minimum elong       | -728 Nov 12 j 13:58           |                              | 1 02 17          | behind sun begin          | -  |  |             |
|                     | -728 Nov 22 j 19:34           | 0° ⊀ <b>7</b>                |                  | behind sun end            | -727 Oct 23 j 00:34                        | 22° <b>Ω</b> 43'49                       | 1 44071 411 |
| evening rise        | -728 Nov 27 j 23:38           | 8° <b>₹</b> 23'51            |                  | max. Earth dist.          | -727 Oct 24 j 18:19                        | 25° <b>£</b> 28'16                       | 1.44971 AU  |
|                     | -728 Dec 11 j 10:27           | 0°₹                          |                  |                           | -727 Oct 27 j 15:29                        | 0°M                                      |             |
| evening max el      | -728 Dec 18 j 05:54           | 8° <b>る</b> 52'13            | 18°38'00         | evening rise              | -727 Nov 08 j 06:25                        | 18°M13'31                                |             |
| asc. node           | -728 Dec 20 j 12:58           | 10° <b>る</b> 54'14           |                  |                           | -727 Nov 15 j 18:38                        | 0° <b>⊼</b>                              |             |
| retrograde          | -728 Dec 24 j 21:43           | 12° <b>る</b> 34'58           |                  | greatest brilliancy       | -727 Nov 18 j 20:37                        | 4° <b>₰</b> 747'10                       | -0.8m       |
| evening set         | -728 Dec 27 j 23:45           | 11° <b>る</b> 41'23           |                  | evening max el            | -727 Dec 01 j 14:49                        | 22° <b>₮</b> 19'02                       | 19°19'28    |
| inferior conj       | -727 Jan 02 j 19:38           | 6° <b>る</b> 04'07            | 3°31'34          | asc. node                 | -727 Dec 07 j 10:00                        | 26° <b>х</b> 15′04                       |             |
| minimum elong       | -727 Jan 02 j 17:14           | 6° <b>ප</b> 11'20            | 3°31'08          | retrograde                | -727 Dec 08 j 17:38                        | 26° <b>₹</b> ¹24'48                      |             |
| min. Earth dist.    | -727 Jan 04 j 17:26           | 3° <b>ප</b> 47'18            | 0.64825 AU       | evening set               | -727 Dec 12 j 02:20                        | 25° <b>∡</b> 18'51                       |             |
| morning rise        | -727 Jan 08 j 10:16           | 29° <b>∡</b> 757'13          |                  | inferior conj             | -727 Dec 17 j 16:38                        | 19° <b>∡</b> ¹26'14                      | 3°01'26     |
| 8 21                | -727 Jan 08 j 08:58           | 30°₹ <b>҂</b> 7              |                  | minimum elong             | -727 Dec 17 j 13:47                        | 19° <b>∡</b> ³35′24                      |             |
| direct              | -727 Jan 15 j 04:59           | 27° <b>∡</b> 04'51           |                  | min. Earth dist.          | -727 Dec 18 j 23:55                        |  | 0.66071 AU  |
| direct              | -727 Jan 22 j 22:04           | ිප්<br>0°ප්                  |                  | morning rise              | -727 Dec 23 j 00:58                        | 13°×715'08                               | 0.00071710  |
| marning may al      | -727 Jan 28 j 13:09           | 4° <b>る</b> 49'23            | 27°09'47         | direct                    |  |  |             |
| morning max el      | -                             | 5° <b>る</b> 59'56            | 27 0947          |                           | -727 Dec 29 j 08:37                        | 10° <b>₹</b> 28'06<br>17° <b>₹</b> 53'51 | 26900110    |
| desc. node          | -727 Jan 29 j 16:42           |                              |                  | morning max el            | -726 Jan 10 j 22:33                        |  | 26°09'19    |
|                     | -727 Feb 16 j 17:44           | 0° <b>≈</b>                  |                  | desc. node                | -726 Jan 16 j 13:45                        | 24° <b>∡</b> 10′32                       |             |
| morning set         | -727 Mar 05 j 01:37           | 28° <b>≈</b> 32'04           |                  |                           | -726 Jan 21 j 03:31                        | 0°る                                      |             |
|                     | -727 Mar 05 j 19:40           | 0° <b>∀</b>                  |                  |                           | -726 Feb 09 j 16:45                        | 0° <b>≈</b>                              |             |
| max. Earth dist.    | -727 Mar 09 j 17:11           | 7° <b>∺</b> 47'51            | 1.33963 AU       | morning set               | -726 Feb 16 j 03:13                        | 11° <b>≈</b> 32'47                       |             |
|                     |                               |                              |                  | max. Earth dist.          | -726 Feb 20 j 02:59                        | 19° <b>≈</b> 08'27                       | 1.35356 AU  |
| superior conj       | -727 Mar 13 j 06:24           | 15° <b>₩</b> 09'46           | -0°52'50         |                           |  |  |             |
| minimum elong       | -727 Mar 13 j 08:53           | 15° <b>)</b> 22′49           | 0°52'22          | superior conj             | -726 Feb 25 j 03:23                        | 29° <b>≈</b> 08'11                       | -1°17'49    |
| asc. node           | -727 Mar 18 j 12:17           | 26° <b>)</b> 16′36           |                  | minimum elong             | -726 Feb 25 j 06:49                        | 29° <b>≈</b> 25'40                       | 1°17'17     |
|                     | -727 Mar 20 j 06:41           | $0^{\circ}\mathbf{\Upsilon}$ |                  |                           | -726 Feb 25 j 13:34                        | 0° <b>∀</b>                              |             |
| evening rise        | -727 Mar 20 j 14:52           | 0° <b>Ƴ</b> 42'47            |                  | evening rise              | -726 Mar 04 j 22:23                        | 15° <b>ℋ</b> 12'16                       |             |
| Č                   | -727 Apr 06 j 15:41           | 0°8                          |                  | asc. node                 | -726 Mar 05 j 09:19                        | 16° <b>)</b> €08'13                      |             |
| evening max el      | -727 Apr 10 j 05:31           | 3° <b>8</b> 53'48            | 21°50'06         |                           | -726 Mar 12 j 13:36                        | 0°Υ                                      |             |
| retrograde          | -727 Apr 22 j 17:32           | 9° <b>8</b> 59'45            | 21 30 00         | evening max el            | -726 Mar 23 j 09:56                        | 15° <b>Υ</b> 04'31                       | 20°27'58    |
| evening set         | -727 Apr 25 j 07:50           | 9° <b>8</b> 44'40            |                  | retrograde                | -726 Apr 03 j 06:50                        | 20° <b>Υ</b> 17'29                       | 20 27 30    |
| •                   |                               |                              |                  | •                         |  | 20°Υ06'00                                |             |
| desc. node          | -727 Apr 27 j 15:50           | 9° <b>8</b> 07'11            | 1050140          | evening set               | -726 Apr 05 j 10:41                        |  | 000007      |
| inferior conj       | -727 May 04 j 17:42           | 5° <b>8</b> 40'38            |                  | inferior conj             | -726 Apr 14 j 13:02                        | 16°Υ08'28                                |             |
| minimum elong       | -727 May 04 j 12:21           | 5° <b>8</b> 48'08            |                  | minimum elong             | -726 Apr 14 j 13:02                        | 16° <b>℃</b> 08′28                       | 0°00'07     |
| min. Earth dist.    | -727 May 04 j 10:09           | 5° <b>8</b> 51'14            | 0.55070 AU       | transit middle            | -726 Apr 14 j 13:02                        | 16° <b>Y</b> 08′28                       | 0°00'07     |
| morning rise        | -727 May 13 j 17:58           | 1° <b>8</b> 43'39            |                  | transit begin             | -726 Apr 14 j 08:59                        | 16° <b>Y</b> 14'22                       |             |
| direct              | -727 May 16 j 16:07           | 1° <b>8</b> 24'43            |                  | transit end               | -726 Apr 14 j 17:05                        | 16° <b>Y</b> ′02'34                      |             |
| morning max el      | -727 May 28 j 19:26           | 7° <b>8</b> 07'38            | 21°41'52         | desc. node                | -726 Apr 14 j 12:53                        | 16° <b>Ƴ</b> 08'41                       |             |
|                     | -727 Jun 13 j 12:45           | $\Pi^{\circ}0$               |                  | min. Earth dist.          | -726 Apr 15 j 23:57                        | 15° <b>Y</b> 17'39                       | 0.55224 AU  |
| asc. node           | -727 Jun 14 j 11:32           | 1° <b>Ⅱ</b> 50′07            |                  | morning rise              | -726 Apr 23 j 13:59                        | 11° <b>Y</b> 52'00                       |             |
|                     | 707 1 10:10.51                | 00T 51100                    |                  |                           | 726 4 27:04.22                             | 1100000151                               |             |
| morning set         | -727 Jun 18 j 10:51           | 9° <b>Ⅱ</b> 51'33            |                  | direct                    | -726 Apr 27 j 04:22                        | 11° <b>Y</b> 23'51                       |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 94 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom       | ical year style is used: Th                | ne year -900 in                          | astronomical cour | nting style is the year           | 901 BCE in historical cou                  | nting style.                      | , , ,                 |
|---------------------------|--|--|-------------------|-----------------------------------|--|-----------------------------------|-----------------------|
| morning max el            | -726 May 10 j 14:41                        | 17° <b>Y</b> 57'23                       | 23°19'53          | direct                            | -725 Apr 08 j 02:23                        | 21° <b>¥</b> 17'14                |                       |
|                           | -726 May 20 j 09:36                        | 0°8                                      |                   | morning max el                    | -725 Apr 22 j 05:26                        | 28° <b>∺</b> 27'59                | 24°59'28              |
| asc. node                 | -726 Jun 01 j 08:35                        | 21° <b>8</b> 33'16                       |                   |                                   | -725 Apr 23 j 18:14                        | $0^{\circ}$ Y                     |                       |
| morning set               | -726 Jun 02 j 22:11                        | 24° <b>8</b> 48'31                       |                   |                                   | -725 May 13 j 14:26                        | $9^{\circ}$ 8                     |                       |
|                           | -726 Jun 05 j 08:55                        | $\Pi^{\circ}0$                           |                   | morning set                       | -725 May 18 j 10:11                        | 9° <b>8</b> 47'49                 |                       |
|                           |  |  |                   | asc. node                         | -725 May 19 j 05:38                        | 11° <b>8</b> 30'36                |                       |
| superior conj             | -726 Jun 10 j 00:37                        | 10° <b>Ⅱ</b> 00'04                       |                   |                                   |  |                                   |                       |
| minimum elong             | -726 Jun 09 j 22:06                        | 9° <b>∏</b> 46'31                        |                   | superior conj                     | -725 May 25 j 10:15                        | 24° <b>8</b> 55'12                |                       |
| max. Earth dist.          | -726 Jun 12 j 09:58                        |  | 1.33714 AU        | minimum elong                     | -725 May 25 j 07:57                        | 24° <b>8</b> 42'43                |                       |
| evening rise              | -726 Jun 17 j 14:52                        | 25° <b>Ⅱ</b> 46'08                       |                   | max. Earth dist.                  | -725 May 26 j 17:05                        |                                   | 1.32910 AU            |
|                           | -726 Jun 19 j 18:37                        | 0° <b>©</b>                              |                   |                                   | -725 May 27 j 18:31                        | 0° <b>П</b>                       |                       |
| 11-                       | -726 Jul 07 j 13:25                        | 0° <b>Ω</b>                              |                   | evening rise                      | -725 Jun 01 j 15:03                        | 10° <b>Ⅱ</b> 13'18<br>0° <b>⑤</b> |                       |
| desc. node                | -726 Jul 11 j 12:09                        | 5° <b>Ω</b> 28'08<br>17° <b>Ω</b> 10'23  | 27921127          | desc. node                        | -725 Jun 12 j 01:58<br>-725 Jun 28 j 09:12 | 23° <b>©</b> 57'00                |                       |
| evening max el retrograde | -726 Jul 21 j 15:31<br>-726 Aug 04 j 04:18 | 24° <b>Ω</b> 30'28                       | 2/ 21 2/          | evening max el                    | -725 Jul 28 j 09:12<br>-725 Jul 04 j 00:30 | 0°Ω01'08                          | 27021127              |
| evening set               | -726 Aug 11 j 07:05                        | 24 <b>δι</b> 30 28<br>21° <b>Ω</b> 46'43 |                   | evening max er                    | -725 Jul 04 j 00:01                        | 0°Ω                               | 2/ 212/               |
| min. Earth dist.          | -726 Aug 14 j 23:41                        |  | 0.64257 AU        | retrograde                        | -725 Jul 17 j 19:30                        | 7° <b>Ω</b> 19'46                 |                       |
| inferior conj             | -726 Aug 17 j 08:49                        | 15° <b>Ω</b> 50'28                       |                   | evening set                       | -725 Jul 24 j 23:58                        | 4°Ω50'23                          |                       |
| minimum elong             | -726 Aug 17 j 13:18                        | 15° <b>Ω</b> 38'29                       |                   | min. Earth dist.                  | -725 Jul 28 j 13:52                        |                                   | 0.62542 AU            |
| morning rise              | -726 Aug 23 j 20:22                        | 10° <b>Ω</b> 25'22                       | 3 10 07           | min. Eurin dist.                  | -725 Jul 30 j 14:37                        | 30°RS                             | 0.023 12 110          |
| direct                    | -726 Aug 26 j 11:53                        | 9° <b>Ω</b> 49'34                        |                   | inferior conj                     | -725 Jul 31 j 11:48                        | 29° <b>5</b> 09'07                | -4°02'51              |
| asc. node                 | -726 Aug 28 j 07:46                        | 10° <b>Ω</b> 06'49                       |                   | minimum elong                     | -725 Jul 31 j 16:11                        | 28°958'37                         |                       |
| morning max el            | -726 Sep 02 j 00:17                        | 13° <b>Ω</b> 16'43                       | 17°59'30          | morning rise                      | -725 Aug 07 j 09:39                        | 24° <b>©</b> 03'08                |                       |
| Č                         | -726 Sep 13 j 14:20                        | 0° mp                                    |                   | direct                            | -725 Aug 09 j 22:15                        | 23° <b>©</b> 34'17                |                       |
| morning set               | -726 Sep 19 j 08:26                        | 9° <b>m</b> 46'13                        |                   | asc. node                         | -725 Aug 15 j 04:49                        | 25° <b>©</b> 42'29                |                       |
| -                         | -726 Oct 01 j 11:07                        | 0∘ <b>ত</b>                              |                   | morning max el                    | -725 Aug 16 j 15:32                        | 26°\$59'45                        | 17°54'04              |
|                           |  |  |                   |                                   | -725 Aug 19 j 06:59                        | $0^{\circ}\Omega$                 |                       |
| superior conj             | -726 Oct 02 j 11:09                        | 1° <b>ჲ</b> 37'39                        | 0°32'35           | morning set                       | -725 Sep 01 j 21:05                        | 22° <b>Q</b> 20'02                |                       |
| minimum elong             | -726 Oct 02 j 14:44                        | 1° <b>≏</b> 52'10                        | 0°32'07           |                                   | -725 Sep 06 j 04:27                        | 0° <b>m</b>                       |                       |
| desc. node                | -726 Oct 07 j 11:29                        | 9° <b>ഫ</b> 40'38                        |                   |                                   |  |                                   |                       |
| max. Earth dist.          | -726 Oct 07 j 12:18                        | 9° <b>≏</b> 43'49                        | 1.44406 AU        | superior conj                     | -725 Sep 13 j 02:48                        | 12° <b>m</b> 00'57                | 1°09'51               |
| evening rise              | -726 Oct 18 j 18:03                        | 27° <b>≙</b> 18′10                       |                   | minimum elong                     | -725 Sep 13 j 07:56                        | 12° <b>m</b> 22'44                | 1°09'15               |
|                           | -726 Oct 20 j 12:07                        | 0°M₊                                     |                   | max. Earth dist.                  | -725 Sep 20 j 03:01                        | 23° <b>m</b> 39'18                | 1.43181 AU            |
|                           | -726 Nov 09 j 21:44                        | 0°⊀                                      |                   | desc. node                        | -725 Sep 24 j 08:32                        | 0° <b>ჲ</b> 26'51                 |                       |
| evening max el            | -726 Nov 14 j 19:01                        | 5° <b>∡</b> ¹47'06                       | 20°16'09          |                                   | -725 Sep 24 j 01:46                        | 0∘ <b>⊽</b>                       |                       |
| retrograde                | -726 Nov 22 j 15:07                        | 10° <b>≯</b> 23'33                       |                   | evening rise                      | -725 Sep 28 j 01:06                        | 6° <b>≏</b> 15'01                 |                       |
| asc. node                 | -726 Nov 24 j 07:02                        | 10° <b>√</b> 07'44                       |                   |                                   | -725 Oct 13 j 20:33                        | 0° <b>M</b> ₅                     |                       |
| evening set               | -726 Nov 26 j 08:25                        | 9° <b>∡</b> 03'11                        |                   | evening max el                    | -725 Oct 28 j 17:25                        | 19°ML15'28                        | 21°25'13              |
| inferior conj             | -726 Dec 01 j 19:04                        | 2° 🖈 58'03                               | 2°22'28           | retrograde                        | -725 Nov 06 j 12:10                        | 24°M28'32                         |                       |
| minimum elong             | -726 Dec 01 j 16:23                        | 3°×707'06                                | 2°21'34           | evening set                       | -725 Nov 10 j 16:06                        | 22°M51'45                         |                       |
| min. Earth dist.          | -726 Dec 02 j 13:18                        | 1° <b>∡</b> 756'43                       | 0.66938 AU        | asc. node                         | -725 Nov 11 j 04:04                        | 22°M26'57                         | 1027100               |
| marning rigg              | -726 Dec 04 j 00:59                        | 30°RM                                    |                   | inferior conj                     | -725 Nov 16 j 00:45                        | 16°M37'25<br>16°M44'29            | 1°37'00               |
| morning rise<br>direct    | -726 Dec 07 j 00:09<br>-726 Dec 12 j 17:36 | 26°M44'49<br>24°M13'08                   |                   | minimum elong<br>min. Earth dist. | -725 Nov 15 j 22:42<br>-725 Nov 16 j 07:24 | 16 IIL44 29<br>16°M14'30          | 1°36'13<br>0.67446 AU |
| direct                    | -726 Dec 23 j 04:01                        | 0° <b>√</b>                              |                   | morning rise                      | -725 Nov 21 j 05:09                        | 10°M24'00                         | 0.07440 AU            |
| morning max el            | -726 Dec 24 j 06:59                        | 1° <b>∡</b> 106'07                       | 24°50'32          | direct                            | -725 Nov 26 j 07:15                        | 8°M13'11                          |                       |
| desc. node                | -725 Jan 03 j 10:46                        | 13° <b>₹</b> 10'50                       | 24 30 32          | morning max el                    | -725 Dec 06 j 16:04                        | 14°M23'22                         | 23°23'34              |
|                           | -725 Jan 15 j 03:49                        | 0°る                                      |                   |                                   | -725 Dec 19 j 08:07                        | 0° <b>∡</b> 7                     |                       |
| morning set               | -725 Jan 29 j 10:21                        | 23° <b>る</b> 33'36                       |                   | desc. node                        | -725 Dec 21 j 07:49                        | 2° <b>∡</b> ¹46'46                |                       |
| Č                         | -725 Feb 01 j 23:56                        | 0° <b>≈</b>                              |                   |                                   | -724 Jan 08 j 02:34                        | ರ∘ರ                               |                       |
| max. Earth dist.          | -725 Feb 02 j 02:22                        | 0° <b>≈</b> 11'10                        | 1.37173 AU        | morning set                       | -724 Jan 10 j 16:50                        | 4° <b>る</b> 19'00                 |                       |
|                           |  |  |                   | max. Earth dist.                  | -724 Jan 14 j 21:46                        | 11° <b>る</b> 31'24                | 1.39254 AU            |
| superior conj             | -725 Feb 08 j 14:21                        | 12° <b>≈</b> 31'40                       | -1°39'26          |                                   |  |                                   |                       |
| minimum elong             | -725 Feb 08 j 18:04                        | 12° <b>≈</b> 49'48                       | 1°39'03           | superior conj                     | -724 Jan 22 j 11:18                        | 25° <b>る</b> 10'00                | -1°54'58              |
| evening rise              | -725 Feb 17 j 00:34                        | 29° <b>≈</b> 19'30                       |                   | minimum elong                     | -724 Jan 22 j 14:00                        | 25° <b>る</b> 22'34                | 1°54'51               |
|                           | -725 Feb 17 j 08:41                        | 0° <b>∀</b>                              |                   |                                   | -724 Jan 25 j 01:02                        | 0° <b>≈</b>                       |                       |
| asc. node                 | -725 Feb 20 j 06:22                        | 5° <b>)</b> 43′06                        |                   | evening rise                      | -724 Jan 31 j 18:49                        | 12° <b>≈</b> 57'57                |                       |
| evening max el            | -725 Mar 06 j 01:25                        | 26° <b>∺</b> 52'00                       | 19°23'14          | asc. node                         | -724 Feb 07 j 03:25                        | 24°≈55'25                         |                       |
| _                         | -725 Mar 10 j 06:54                        | 0°Υ<br>••••••••                          |                   | _                                 | -724 Feb 10 j 02:39                        | 0° <b>\</b>                       |                       |
| retrograde                | -725 Mar 15 j 05:41                        | 1°Υ16'05                                 |                   | evening max el                    | -724 Feb 17 j 02:26                        | 9° <b>)</b> 14'11                 | 18°38'15              |
| evening set               | -725 Mar 17 j 10:43                        | 1° <b>Υ</b> 01'55                        |                   | retrograde                        | -724 Feb 24 j 22:40                        | 13° <b>米</b> 03′26                |                       |
|                           | -725 Mar 20 j 12:15                        | 30° <b>₹</b>                             | 10.4511.0         | evening set                       | -724 Feb 27 j 08:15                        | 12° <b>)</b> (43'14               | 2001112               |
| inferior conj             | -725 Mar 25 j 20:01                        | 26° <b>¥</b> 54'30                       | 1°47'10           | inferior conj                     | -724 Mar 05 j 22:52                        | 8° <b>¥</b> 17'26                 | 3°01'43               |
| minimum elong             | -725 Mar 25 j 23:58                        | 26° <b>¥</b> 48'00                       | 1°45'56           | minimum elong                     | -724 Mar 06 j 03:02                        | 8°¥09'26                          | 3°00'49               |
| min. Earth dist.          | -725 Mar 28 j 14:36                        | 25° <b>¥</b> 05'51                       | 0.56287 AU        | min. Earth dist.                  | -724 Mar 09 j 07:54                        | 5° <b>)</b> 43′29                 | 0.58014 AU            |
| desc. node                | -725 Apr 01 j 09:56                        | 22°\ 56'52                               |                   | morning rise                      | -724 Mar 13 j 19:05                        | 2° <b>)</b> 58'55                 |                       |
| morning rise              | -725 Apr 03 j 10:28                        | 22° <b>)</b> €06'47                      |                   | desc. node                        | -724 Mar 18 j 06:59                        | 1° <b>)</b> 39'33                 |                       |

| •                | nical year style is used: T |                                     | -                |                  |  |                      | 36 93      |
|------------------|-----------------------------|-------------------------------------|------------------|------------------|--|----------------------|------------|
| direct           | -724 Mar 19 j 13:49         | ne year -900 m<br>1° <b>∺</b> 35'24 | astronomicai cot | morning max el   | -723 Mar 15 j 20:08                        | 20°≈22'06            | 27°23'30   |
| morning max el   | -724 Apr 02 j 21:59         | 9° <b>H</b> 08'50                   | 26025122         | morning max er   | -723 Mar 24 j 03:13                        | 20 <b>≈</b> 22 00    | 21 23 39   |
| morning max er   | -724 Apr 18 j 17:06         | 9 <b>γ</b> 08 30                    | 20 23 22         |                  | -723 Mai 24 J 03.13<br>-723 Apr 11 j 11:53 | 0° <b>Υ</b>          |            |
| morning set      | -724 May 01 j 21:16         | 24° <b>Υ</b> 43'56                  |                  | morning set      | -723 Apr 16 j 05:40                        | 9° <b>Υ</b> 30'33    |            |
| morning set      | -724 May 01 j 21:10         | 0° <b>8</b>                         |                  | asc. node        | -723 Apr 21 j 23:46                        | 21° <b>Υ</b> 48'28   |            |
| asc. node        | -724 May 05 j 02:42         | 1° <b>8</b> 37'11                   |                  | max. Earth dist. | -723 Apr 21 j 23:40<br>-723 Apr 22 j 17:45 | 23° <b>Y</b> 26'47   | 1.32384 AU |
| asc. nouc        | -724 May 03 J 02.42         | 1 03/11                             |                  | max. Earth dist. | -723 Apr 22 j 17.43                        | 23 1 20 47           | 1.32384 AU |
| superior conj    | -724 May 08 j 21:44         | 9° <b>8</b> 54'39                   | 0°39'10          | superior conj    | -723 Apr 23 j 09:23                        | 24° <b>Y</b> 52'24   | 0°14'47    |
| minimum elong    | -724 May 08 j 20:06         | 9° <b>8</b> 45'40                   | 0°38'49          | minimum elong    | -723 Apr 23 j 08:43                        | 24° <b>Y</b> 48'45   | 0°14'39    |
| max. Earth dist. | -724 May 09 j 04:56         | 10° <b>8</b> 34'04                  | 1.32470 AU       | behind sun begin | -723 Apr 23 j 06:49                        | 24° <b>Υ</b> 38'21   |            |
| evening rise     | -724 May 15 j 21:17         | 24° <b>8</b> 57'34                  | -10-170110       | behind sun end   | -723 Apr 23 j 10:37                        | 24°Υ59'09            |            |
| <i>8</i> 21      | -724 May 18 j 08:13         | 0°II                                |                  |                  | -723 Apr 25 j 17:31                        | 0°8                  |            |
|                  | -724 Jun 04 j 20:56         | 0ಂತಾ                                |                  | evening rise     | -723 Apr 30 j 07:12                        | 9° <b>8</b> 51'06    |            |
| desc. node       | -724 Jun 14 j 06:14         | 11°©18'20                           |                  | C                | -723 May 10 j 17:05                        | $\Pi$ $^{\circ}$ 0   |            |
| evening max el   | -724 Jun 15 j 04:13         | 12°©11'54                           | 26°48'28         | evening max el   | -723 May 28 j 01:16                        | 23° <b>Ⅲ</b> 38′27   | 25°44'37   |
| retrograde       | -724 Jun 29 j 03:32         | 19° <b>©</b> 28'30                  |                  | desc. node       | -723 Jun 01 j 03:16                        | 27° <b>Ⅱ</b> 04'40   |            |
| evening set      | -724 Jul 05 j 23:05         | 17° <b>©</b> 27'09                  |                  |                  | -723 Jun 06 j 11:28                        | 0ಂತಾ                 |            |
| min. Earth dist. | -724 Jul 09 j 17:47         | 14° <b>©</b> 47'54                  | 0.60560 AU       | retrograde       | -723 Jun 11 j 02:48                        | 0°\$51'04            |            |
| inferior conj    | -724 Jul 13 j 00:50         | 12° <b>©</b> 03'08                  | -4°32'40         | -                | -723 Jun 15 j 17:14                        | 30° <b>Ŗ</b> Ⅱ       |            |
| minimum elong    | -724 Jul 13 j 03:32         | 11° <b>5</b> 57'28                  | 4°32'24          | evening set      | -723 Jun 17 j 00:23                        | 29° <b>Ⅲ</b> 27'51   |            |
| morning rise     | -724 Jul 20 j 09:51         | 7° <b>©</b> 19'02                   |                  | min. Earth dist. | -723 Jun 21 j 13:37                        | 26° <b>Ⅱ</b> 46′18   | 0.58505 AU |
| direct           | -724 Jul 22 j 21:37         | 6°\$55'04                           |                  | inferior conj    | -723 Jun 24 j 20:27                        | 24° <b>Ⅲ</b> 23'45   | -4°39'33   |
| morning max el   | -724 Jul 30 j 03:56         | 10°528'22                           | 18°07'38         | minimum elong    | -723 Jun 24 j 19:29                        | 24° <b>Ⅱ</b> 25'31   | 4°39'31    |
| asc. node        | -724 Aug 01 j 01:53         | 12° <b>©</b> 31'46                  |                  | morning rise     | -723 Jul 02 j 17:08                        | 20° <b>Ⅲ</b> 01'56   |            |
|                  | -724 Aug 12 j 00:44         | $0^{\circ}\Omega$                   |                  | direct           | -723 Jul 05 j 05:34                        | 19° <b>Ⅱ</b> 41'30   |            |
| morning set      | -724 Aug 15 j 02:05         | 5° <b>Ω</b> 40'54                   |                  | morning max el   | -723 Jul 13 j 10:28                        | 23° <b>Ⅲ</b> 34'18   | 18°41'14   |
|                  |                             |                                     |                  | asc. node        | -723 Jul 18 j 22:58                        | 0°ഇ19'50             |            |
| superior conj    | -724 Aug 24 j 21:02         | 23° <b>Ω</b> 43'00                  | 1°33'46          |                  | -723 Jul 18 j 17:34                        | $0$ $\circ$ $\odot$  |            |
| minimum elong    | -724 Aug 25 j 00:47         | 23° <b>Ω</b> 59'45                  | 1°33'28          | morning set      | -723 Jul 29 j 18:54                        | 19° <b>5</b> 37'16   |            |
|                  | -724 Aug 28 j 10:31         | O° Mp                               |                  |                  | -723 Aug 04 j 03:02                        | $0$ $^{\circ}\Omega$ |            |
| max. Earth dist. | -724 Sep 01 j 11:55         | 6° Mp 56′26                         | 1.41463 AU       |                  |  |                      |            |
| evening rise     | -724 Sep 06 j 21:23         | 15° <b>m</b> 49'40                  |                  | superior conj    | -723 Aug 07 j 12:47                        | 6° <b>Ω</b> 29'53    | 1°45'28    |
| desc. node       | -724 Sep 10 j 05:34         | 21° <b>m</b> 09'13                  |                  | minimum elong    | -723 Aug 07 j 14:17                        | 6° <b>Ω</b> 36'55    | 1°45'25    |
|                  | -724 Sep 15 j 23:03         | 0∘ <b>ত</b>                         |                  | max. Earth dist. | -723 Aug 14 j 15:39                        | 19° <b>Ω</b> 29'07   | 1.39492 AU |
|                  | -724 Oct 07 j 21:00         | 0°M                                 |                  | evening rise     | -723 Aug 18 j 17:40                        | 26° <b>Ω</b> 32'35   |            |
| evening max el   | -724 Oct 10 j 10:10         | 2°M44'02                            | 22°42'44         |                  | -723 Aug 20 j 19:08                        | O° My                |            |
| retrograde       | -724 Oct 20 j 07:08         | 8°M36'05                            |                  | desc. node       | -723 Aug 28 j 02:36                        | 11° <b>M</b> 44'14   |            |
| evening set      | -724 Oct 24 j 23:35         | 6°M41'27                            |                  |                  | -723 Sep 09 j 14:05                        | 0∘ <b>ত</b>          |            |
| asc. node        | -724 Oct 28 j 01:07         | 3°M25'11                            |                  | evening max el   | -723 Sep 22 j 23:06                        | 16° <b>≏</b> 15'37   | 24°03'02   |
| inferior conj    | -724 Oct 30 j 07:45         | 0°M21'32                            | 0°46'45          | retrograde       | -723 Oct 03 j 22:45                        | 22° <b>≏</b> 43'13   |            |
| minimum elong    | -724 Oct 30 j 06:41         | 0°M25'15                            |                  | evening set      | -723 Oct 09 j 05:14                        | 20° <b>≏</b> 30'31   |            |
| min. Earth dist. | -724 Oct 30 j 03:48         | 0°M35'11                            | 0.67622 AU       | min. Earth dist. | -723 Oct 14 j 00:06                        | 14° <b>≏</b> 57'10   | 0.67486 AU |
|                  | -724 Oct 30 j 13:59         | 30° <b>₹</b> Ω                      |                  | inferior conj    | -723 Oct 14 j 14:20                        | 14° <b>≏</b> 08'57   |            |
| morning rise     | -724 Nov 04 j 13:40         | 24° <b>≙</b> 10'12                  |                  | minimum elong    | -723 Oct 14 j 14:30                        | 14° <b>≏</b> 08'24   | 0°06'42    |
| direct           | -724 Nov 09 j 00:54         | 22° <b>£</b> 21'53                  |                  | transit middle   | -723 Oct 14 j 14:30                        | 14° <b>≏</b> 08'24   | 0°06'42    |
| morning max el   | -724 Nov 18 j 04:49         | 27° <b>≏</b> 46'22                  | 21°57'31         | transit begin    | -723 Oct 14 j 12:01                        | 14° <b>≙</b> 16'49   |            |
|                  | -724 Nov 20 j 06:48         | 0°M                                 |                  | transit end      | -723 Oct 14 j 16:59                        | 13° <b>Ω</b> 59'59   |            |
| desc. node       | -724 Dec 07 j 04:51         | 22°M47'45                           |                  | asc. node        | -723 Oct 14 j 22:09                        | 13° <b>£</b> 42'29   |            |
|                  | -724 Dec 12 j 00:09         | 0° <b>∡</b> ¹                       |                  | morning rise     | -723 Oct 19 j 23:45                        | 8° <b>≏</b> 02'16    |            |
| morning set      | -724 Dec 20 j 18:13         | 13° 🖈 39'59                         | 1 41000 : **     | direct           | -723 Oct 23 j 21:34                        | 6° <b>£</b> 35'19    | 20020125   |
| max. Earth dist. | -724 Dec 26 j 20:17         | 23° <b>х</b> 37'06                  | 1.41332 AU       | morning max el   | -723 Nov 01 j 00:07                        | 11° <b>Ω</b> 18'11   | 20°39'35   |
|                  | -724 Dec 30 j 14:49         | 0°₹                                 |                  |                  | -723 Nov 15 j 07:20                        | 0°M                  |            |
|                  | <b>500 Y</b> 00:10.05       | 60740155                            | 2000146          | desc. node       | -723 Nov 24 j 01:53                        | 13°M06'47            |            |
| superior conj    | -723 Jan 03 j 13:05         | 6° <b>る</b> 49'57                   |                  | morning set      | -723 Nov 29 j 19:48                        | 21°M57'18            |            |
| minimum elong    | -723 Jan 03 j 12:52         | 6°る48'59                            | 2°00'46          | B 4 F            | -723 Dec 04 j 22:47                        | 0° <b>∡</b> 7        |            |
| evening rise     | -723 Jan 14 j 01:43         | 25° <b>る</b> 59'10                  |                  | max. Earth dist. | -723 Dec 09 j 01:53                        | 6° <b>≯</b> 36'43    | 1.43123 AU |
| ,                | -723 Jan 16 j 05:48         | 0° <b>≈</b>                         |                  |                  | 702 D 15 11 00                             | 170 710147           | 1050101    |
| asc. node        | -723 Jan 24 j 00:27         | 13°≈37'21                           | 10012125         | superior conj    | -723 Dec 15 j 14:22                        | 17° 🖈 19'47          |            |
| evening max el   | -723 Jan 30 j 10:15         | 22°≈03'14                           | 18°13'25         | minimum elong    | -723 Dec 15 j 09:34                        | 16° <b>₹</b> 59'45   | 1-52.05    |
| retrograde       | -723 Feb 06 j 09:44         | 25°≈33'29                           |                  | ovoi ·           | -723 Dec 23 j 00:30                        | 0°る<br>∞≥15111       |            |
| evening set      | -723 Feb 08 j 23:55         | 25°≈05'21                           | 2041120          | evening rise     | -723 Dec 27 j 17:20                        | 8°る15'11             |            |
| inferior conj    | -723 Feb 15 j 22:21         | 20°≈18'44                           | 3°41'20          | 1                | -722 Jan 09 j 16:27                        | 0°≈                  |            |
| minimum elong    | -723 Feb 16 j 00:31         | 20°≈13'55                           | 3°41'06          | asc. node        | -722 Jan 10 j 21:29                        | 1°≈39'42             | 10000114   |
| min. Earth dist. | -723 Feb 19 j 06:32         | 17°≈21'27                           | 0.60065 AU       | evening max el   | -722 Jan 13 j 21:53                        | 5°≈11'14             | 18°08'14   |
| morning rise     | -723 Feb 22 j 23:07         | 14°≈38'05                           |                  | retrograde       | -722 Jan 20 j 11:16                        | 8°≈36'44             |            |
| dara mada        | -723 Mar 01 j 13:41         | 12°≈36'12                           |                  | evening set      | -722 Jan 23 j 05:44                        | 7°≈59'28             | 2052145    |
| desc. node       | -723 Mar 05 j 04:02         | 13°≈10′21                           |                  | inferior conj    | -722 Jan 29 j 15:26                        | 2°≈51'58             | 3-32.43    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 96 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | nical year style is used: T                | he year -900 in                   | astronomical cou | nting style is the year        | 901 BCE in historical co                   | unting style.              | =          |
|--------------------------------|--|-----------------------------------|------------------|--------------------------------|--|----------------------------|------------|
| minimum elong                  | -722 Jan 29 j 15:17                        | 2° <b>≈</b> 52′20                 | 3°52'45          | retrograde                     | -721 Jan 03 j 22:57                        | 22° <b>る</b> 04'01         |            |
|                                | -722 Feb 01 j 11:20                        | 30°₹ <b>⋜</b>                     |                  | evening set                    | -721 Jan 06 j 22:01                        | 21° <b>る</b> 16'35         |            |
| min. Earth dist.               | -722 Feb 01 j 12:54                        |                                   | 0.62120 AU       | inferior conj                  | -721 Jan 12 j 22:09                        | 15° <b>⋜</b> 49'31         | 3°43'41    |
| morning rise                   | -722 Feb 04 j 23:41                        | 26° <b>る</b> 57'37                |                  | minimum elong                  | -721 Jan 12 j 20:20                        | 15° <b>る</b> 54'40         | 3°43'28    |
| direct                         | -722 Feb 11 j 23:30                        | 24° <b>る</b> 24'46                |                  | min. Earth dist.               | -721 Jan 15 j 04:45                        | 13° <b>ප</b> 15'00         | 0.63938 AU |
| desc. node                     | -722 Feb 20 j 01:05                        | 27° <b>る</b> 16'45                |                  | morning rise                   | -721 Jan 18 j 18:04                        | 9° <b>ප</b> 46'31          |            |
|                                | -722 Feb 23 j 13:54                        | 0° <b>≈</b>                       | 25046120         | direct                         | -721 Jan 25 j 16:56                        | 6°る57'04                   |            |
| morning max el                 | -722 Feb 26 j 00:08                        | 2°≈15'32                          | 27°46'20         | desc. node                     | -721 Feb 06 j 22:06                        | 13° <b>る</b> 23'23         | 27022120   |
| . ,                            | -722 Mar 18 j 10:32                        | 0° <b>∀</b>                       |                  | morning max el                 | -721 Feb 08 j 08:16                        | 14° <b>る</b> 45'39         | 21°32'38   |
| morning set                    | -722 Mar 31 j 09:16                        | 23° <b>¥</b> 59'46<br>0° <b>Ƴ</b> |                  |                                | -721 Feb 20 j 19:10                        | 0° <b>≈</b><br>0° <b>∀</b> |            |
| max. Earth dist.               | -722 Apr 03 j 06:52<br>-722 Apr 06 j 03:38 |                                   | 1.32675 AU       | morning set                    | -721 Mar 11 j 01:12<br>-721 Mar 15 j 05:36 | 8° <b>∺</b> 03'29          |            |
| max. Earm dist.                | -722 Apr 00 J 03.38                        | 0 10023                           | 1.32073 AU       | max. Earth dist.               | -721 Mar 20 j 06:52                        |                            | 1.33373 AU |
| superior conj                  | -722 Apr 07 j 19:28                        | 9° <b>Ƴ</b> 41'51                 | -0°11'09         | max. Lattii dist.              | -/21 War 20 J 00.32                        | 10 /(2112                  | 1.55575 AC |
| minimum elong                  | -722 Apr 07 j 19:59                        | 9° <b>Υ</b> 44'41                 | 0°11'02          | superior conj                  | -721 Mar 23 j 02:12                        | 24° <b>)</b> 17′01         | -0°37'42   |
| behind sun begin               | -722 Apr 07 j 16:16                        | 9° <b>Υ</b> 24'29                 | 0 11 02          | minimum elong                  | -721 Mar 23 j 04:00                        | 24° <b>)</b> 26'33         |            |
| behind sun end                 | -722 Apr 07 j 23:42                        | 10° <b>Y</b> ′04'53               |                  | mmmum vieng                    | -721 Mar 25 j 18:14                        | 0°Υ                        | 0 37 19    |
| asc. node                      | -722 Apr 08 j 20:48                        | 11° <b>Y</b> ′59'40               |                  | asc. node                      | -721 Mar 26 j 17:51                        | 2° <b>Υ</b> 06'50          |            |
| evening rise                   | -722 Apr 14 j 18:49                        | 24° <b>Ƴ</b> 46'11                |                  | evening rise                   | -721 Mar 30 j 06:21                        | 9° <b>Y</b> 36'39          |            |
| C                              | -722 Apr 17 j 07:10                        | $0^{\circ}S$                      |                  | J                              | -721 Apr 09 j 22:40                        | $0^{\circ}S$               |            |
|                                | -722 May 05 j 13:36                        | $\mathfrak{I}$                    |                  | evening max el                 | -721 Apr 21 j 08:43                        | 15° <b>8</b> 03'59         | 22°43'02   |
| evening max el                 | -722 May 09 j 17:03                        | 4° <b>Ⅱ</b> 28'04                 | 24°18'14         | retrograde                     | -721 May 04 j 13:05                        | 21° <b>8</b> 34'36         |            |
| desc. node                     | -722 May 19 j 00:18                        | 10° <b>Ⅱ</b> 39'49                |                  | desc. node                     | -721 May 05 j 21:18                        | 21° <b>8</b> 30'35         |            |
| retrograde                     | -722 May 23 j 14:28                        | 11° <b>Ⅱ</b> 27'58                |                  | evening set                    | -721 May 07 j 17:24                        | 21° <b>8</b> 12'28         |            |
| evening set                    | -722 May 28 j 03:27                        | 10° <b>Ⅱ</b> 41'54                |                  | min. Earth dist.               | -721 May 15 j 17:23                        | 17° <b>8</b> 42'56         | 0.55429 AU |
| min. Earth dist.               | -722 Jun 03 j 04:32                        | 7° <b>Ⅱ</b> 42'15                 | 0.56679 AU       | inferior conj                  | -721 May 17 j 00:51                        | 16° <b>8</b> 57'55         | -2°58'45   |
| inferior conj                  | -722 Jun 05 j 20:00                        | 6° <b>Ⅱ</b> 02'06                 |                  | minimum elong                  | -721 May 16 j 17:55                        | 17° <b>8</b> 07'51         | 2°56'45    |
| minimum elong                  | -722 Jun 05 j 14:37                        | 6° <b>Ⅱ</b> 10'40                 | 4°10'25          | morning rise                   | -721 May 25 j 20:38                        | 13° <b>8</b> 03'40         |            |
| morning rise                   | -722 Jun 14 j 04:39                        | 1° <b>Ⅱ</b> 58'55                 |                  | direct                         | -721 May 28 j 14:40                        | 12° <b>8</b> 46'02         |            |
| direct                         | -722 Jun 16 j 18:53                        | 1° <b>Ⅱ</b> 40'49                 |                  | morning max el                 | -721 Jun 08 j 18:57                        | 17° <b>8</b> 58'00         | 20°50'40   |
| morning max el                 | -722 Jun 26 j 08:08                        | 6° <b>Ⅱ</b> 06'46                 | 19°35'43         | _                              | -721 Jun 18 j 03:48                        | 0°II                       |            |
| asc. node                      | -722 Jul 05 j 20:02                        | 18° <b>Ⅱ</b> 52'34                |                  | asc. node                      | -721 Jun 22 j 17:06                        | 7° <b>Ⅱ</b> 59'12          |            |
|                                | -722 Jul 11 j 19:51                        | 0.22<br>0.22                      |                  | morning set                    | -721 Jun 28 j 02:39                        | 18° <b>Ⅱ</b> 39'45         |            |
| morning set                    | -722 Jul 13 j 19:58                        | 3° <b>5</b> 59'16                 |                  |                                | -721 Jul 03 j 13:50                        | 0ං <b>ව</b>                |            |
| superior conj                  | -722 Jul 21 j 20:23                        | 20° <b>©</b> 04'51                | 1°47'13          | superior conj                  | -721 Jul 05 j 15:17                        | 4°914'56                   | 10/11/12   |
| minimum elong                  | -722 Jul 21 j 19:54                        | 20°502'29                         |                  | minimum elong                  | -721 Jul 05 j 13:29                        | 4°905'44                   |            |
| minimum ciong                  | -722 Jul 26 j 23:55                        | 0° <b>Ω</b>                       | 1 47 15          | max. Earth dist.               | -721 Jul 10 j 03:12                        |                            | 1.35767 AU |
| max. Earth dist.               | -722 Jul 27 j 18:43                        |                                   | 1.37523 AU       | evening rise                   | -721 Jul 14 j 07:30                        | 21° <b>©</b> 19'08         |            |
| evening rise                   | -722 Jul 31 j 14:26                        | 8° <b>Ω</b> 25'56                 |                  | 0.00000                        | -721 Jul 19 j 02:08                        | 0°N                        |            |
| <i>y</i>                       | -722 Aug 13 j 14:28                        | 0° m/y                            |                  | desc. node                     | -721 Aug 01 j 20:37                        | 22° <b>Ω</b> 10′22         |            |
| desc. node                     | -722 Aug 14 j 23:37                        | 2° m/06'37                        |                  |                                | -721 Aug 07 j 10:49                        | 0° <b>m</b> )              |            |
| evening max el                 | -722 Sep 05 j 10:37                        | 29° m 50'52                       | 25°19'09         | evening max el                 | -721 Aug 18 j 22:15                        | 13° <b>m</b> 26'21         | 26°23'12   |
|                                | -722 Sep 05 j 14:21                        | 0∘ <b>亚</b>                       |                  | retrograde                     | -721 Aug 31 j 16:13                        | 20° <b>m</b> 37'40         |            |
| retrograde                     | -722 Sep 17 j 09:59                        | 6° <b>₽</b> 45'29                 |                  | evening set                    | -721 Sep 07 j 03:35                        | 17° <b>m</b> 55'59         |            |
| evening set                    | -722 Sep 23 j 07:14                        | 4° <b>₽</b> 16'13                 |                  | min. Earth dist.               | -721 Sep 11 j 06:23                        | 13° <b>m</b> 35'10         | 0.66243 AU |
|                                | -722 Sep 27 j 04:44                        | 30° <b>₽, M</b> )                 |                  | inferior conj                  | -721 Sep 12 j 19:04                        | 11° <b>m</b> 43'01         | -1°57'27   |
| min. Earth dist.               | -722 Sep 27 j 17:48                        | 29° <b>m</b> ) 18'08              | 0.67033 AU       | minimum elong                  | -721 Sep 12 j 22:00                        | 11° <b>m</b> 34'03         | 1°56'19    |
| inferior conj                  | -722 Sep 28 j 18:44                        | 27° <b>m</b> 57'03                |                  | morning rise                   | -721 Sep 18 j 16:45                        | 5° <b>m</b> 54'47          |            |
| minimum elong                  | -722 Sep 28 j 20:16                        | 27° <b>m</b> 52'01                | 1°01'24          | asc. node                      | -721 Sep 18 j 16:16                        | 5° Mp 55′29                |            |
| asc. node                      | -722 Oct 01 j 19:12                        | 24° <b>m</b> 15'40                |                  | direct                         | -721 Sep 21 j 17:57                        | 5° <b>m</b> 01'54          |            |
| morning rise                   | -722 Oct 04 j 09:26                        | 21° <b>m</b> 57'59                |                  | morning max el                 | -721 Sep 28 j 12:29                        | 8° m/47'53                 | 18°44'25   |
| direct                         | -722 Oct 07 j 19:50                        | 20° m/49'45                       |                  |                                | -721 Oct 13 j 11:58                        | 0∘ <b>⊽</b>                |            |
| morning max el                 | -722 Oct 15 j 02:59                        | 24° <b>m</b> 59'21                | 19°34'24         | morning set                    | -721 Oct 19 j 12:48                        | 9° <b>£</b> 35'19          |            |
| . ,                            | -722 Oct 19 j 09:53                        | 0∘ <b>亚</b>                       |                  | desc. node                     | -721 Oct 28 j 19:55                        | 24° <b>£</b> 18'15         |            |
| morning set                    | -722 Nov 08 j 18:23                        | 0°ML14'31                         |                  |                                | -721 Nov 01 j 10:45                        | 0° <b>M</b>                |            |
| desc nodo                      | -722 Nov 08 j 14:38                        | 0°M。<br>3°m 38'27                 |                  | superior coni                  | 721 Nov. 04 : 15:20                        | 50M 01144                  | 0.043130   |
| desc. node<br>max. Earth dist. | -722 Nov 10 j 22:55<br>-722 Nov 21 j 14:54 | 3°M38'27<br>20°M22'12             | 1.44385 AU       | superior conj<br>minimum elong | -721 Nov 04 j 15:29<br>-721 Nov 04 j 09:53 | 5°M01'44<br>4°M39'45       |            |
| man. Barui Uist.               | 122 110V 21 J 14.34                        | 20 IIG22 12                       | 1.TTJ0J AU       | max. Earth dist.               | -721 Nov 04 j 09.33                        | 4°M35'15                   | 1.44968 AU |
| superior conj                  | -722 Nov 25 j 12:44                        | 26°M36'09                         | -1°26'08         | evening rise                   | -721 Nov 20 j 09:47                        | 0° <b>₹</b> 01'21          | 1.1700 AU  |
| minimum elong                  | -722 Nov 25 j 04:41                        | 26°M03'55                         |                  |                                | -721 Nov 20 j 09:27                        | 0° <b>⊼</b> 0121           |            |
|                                | -722 Nov 27 j 15:25                        | 0° <b>⊼</b> ¹                     | <b></b>          |                                | -721 Dec 10 j 03:46                        | ੁੰ≎                        |            |
| evening rise                   |  | 19° <b>∡</b> ³38′01               |                  | evening max el                 | -721 Dec 11 j 21:20                        | 1° <b>る</b> 55'35          | 18°53'40   |
| <i>-</i>                       | -722 Dec 09 j 13:15                        | 19 🗡 30 01                        |                  |                                |  |                            |            |
|                                | -722 Dec 09 j 13:15<br>-722 Dec 15 j 17:25 | 0° <b>ろ</b>                       |                  | asc. node                      | -721 Dec 15 j 15:32                        | 4° <b>ප</b> 56'07          |            |
| evening max el                 | •  | ರ°ರ                               | 18°21'58         | _                              | -  |                            |            |
| evening max el asc. node       | -722 Dec 15 j 17:25                        | ರ°ರ                               | 18°21'58         | asc. node                      | -721 Dec 15 j 15:32                        | 4° <b>ප</b> 56'07          |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 97 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom       | ical year style is used: T                 | The year -900 in        | astronomical cou | nting style is the year | 901 BCE in historical cou                  | inting style.                       |            |
|---------------------------|--|-------------------------|------------------|-------------------------|--|-------------------------------------|------------|
|                           | -721 Dec 26 j 20:31                        | 30°R. <b>✓</b>          |                  | greatest brilliancy     | -720 Nov 11 j 20:56                        | 28°M49'02                           | -0.7m      |
| inferior conj             | -721 Dec 27 j 14:49                        | 29° <b>₹</b> 03'46      | 3°20'01          |                         | -720 Nov 12 j 15:51                        | 0°⊀                                 |            |
| minimum elong             | -721 Dec 27 j 12:08                        | 29° <b>₰</b> 12'04      | 3°19'27          | evening max el          | -720 Nov 24 j 04:21                        | 15° <b>∡</b> ¹22'30                 | 19°41'48   |
| min. Earth dist.          | -721 Dec 29 j 06:10                        | 27° <b>₹</b> 02'12      | 0.65400 AU       | retrograde              | -720 Dec 01 j 13:52                        | 19° <b>∡</b> °40'51                 |            |
| morning rise              | -720 Jan 02 j 02:22                        | 22° <b>≯</b> 54'57      |                  | asc. node               | -720 Dec 01 j 12:34                        | 19° <b>х</b> 40′50                  |            |
| direct                    | -720 Jan 08 j 16:44                        | 20° <b>₹</b> 03'45      |                  | evening set             | -720 Dec 05 j 01:57                        | 18° <b>∡</b> ′28'58                 |            |
| morning max el            | -720 Jan 21 j 18:00                        | 27° <b>∡</b> ′41'15     | 26°47'03         | inferior conj           | -720 Dec 10 j 14:27                        | 12° <b>∡</b> 30′22                  |            |
|                           | -720 Jan 23 j 22:58                        | 0°る                     |                  | minimum elong           | -720 Dec 10 j 11:36                        | 12° <b>∡</b> ³39'43                 | 2°45'00    |
| desc. node                | -720 Jan 24 j 19:08                        | 0°る55'54                |                  | min. Earth dist.        | -720 Dec 11 j 15:55                        | 11° <b>₹</b> 06'40                  | 0.66480 AU |
|                           | -720 Feb 14 j 11:53                        | 0° <b>≈</b>             |                  | morning rise            | -720 Dec 15 j 21:02                        | 6° <b>₹</b> 17'56                   |            |
| morning set               | -720 Feb 26 j 15:15                        | 21°≈30′22               |                  | direct                  | -720 Dec 21 j 22:44                        | 3° <b>x</b> <sup>7</sup> 36'42      | 25027121   |
| T al T                    | -720 Mar 01 j 23:28                        | 0° <b>)</b> (02)00      | 1 24507 ATT      | morning max el          | -719 Jan 03 j 03:14                        | 10° <b>7</b> 50'31                  | 25°37'31   |
| max. Earth dist.          | -720 Mar 01 j 23:52                        | 0° <b>X</b> 0200        | 1.34507 AU       | desc. node              | -719 Jan 10 j 16:11                        | 19° <b>メ</b> 29'28<br>0°る           |            |
| superior conj             | -720 Mar 06 j 03:27                        | 8° <b>)</b> 30′24       | 1902/41          |                         | -719 Jan 18 j 10:24<br>-719 Feb 06 j 02:49 | 0° <b>≈</b>                         |            |
| minimum elong             | -720 Mar 06 j 06:23                        | 8° <b>)</b> 45'40       |                  | morning set             | -719 Feb 08 j 09:45                        | 0 ∞<br>4°≈07'21                     |            |
| asc. node                 | -720 Mar 12 j 14:53                        | 22° <del>)(</del> 05'05 | 1 03 10          | max. Earth dist.        | -719 Feb 08 j 09:43                        | 11°≈12'00                           | 1.36084 AU |
| evening rise              | -720 Mar 13 j 15:53                        | 24° <b>X</b> 15'17      |                  | max. Earth dist.        | -/19 FC0 12 J 04.30                        | 11 ~1200                            | 1.30084 AU |
| evening rise              | -720 Mar 16 j 11:24                        | 0° <b>Υ</b>             |                  | superior conj           | -719 Feb 17 j 20:34                        | 22° <b>≈</b> 14'23                  | -1°27'32   |
| evening max el            | -720 Apr 02 j 06:56                        | 25° <b>Y</b> ′54'45     | 21°13'10         | minimum elong           | -719 Feb 18 j 00:14                        | 22°≈32'46                           |            |
| evening max er            | -720 Apr 07 j 18:41                        | 0°8                     | 21 13 10         | minimum ciong           | -719 Feb 21 j 16:29                        | 0° <b>∀</b>                         | 1 27 03    |
| retrograde                | -720 Apr 14 j 03:07                        | 1° <b>8</b> 38'56       |                  | evening rise            | -719 Feb 25 j 21:26                        | 8° <b>)</b> ₹35'46                  |            |
| evening set               | -720 Apr 16 j 11:14                        | 1° <b>8</b> 26'17       |                  | asc. node               | -719 Feb 27 j 11:55                        | 11° <b>)</b> (49'55                 |            |
|                           | -720 Apr 20 j 22:26                        | 30°RƳ                   |                  |                         | -719 Mar 09 j 16:05                        | 0°Υ                                 |            |
| desc. node                | -720 Apr 21 j 18:20                        | 29° <b>Y</b> 36'55      |                  | evening max el          | -719 Mar 15 j 15:59                        |                                     | 19°58'02   |
| inferior conj             | -720 Apr 25 j 19:32                        | 27° <b>Y</b> 26'50      | -1°09'05         | retrograde              | -719 Mar 25 j 19:24                        | 12° <b>Ƴ</b> 11'32                  |            |
| minimum elong             | -720 Apr 25 j 16:16                        |                         | 1°07'56          | evening set             | -719 Mar 27 j 22:38                        | 11° <b>Y</b> ′59'34                 |            |
| min. Earth dist.          | -720 Apr 26 j 06:20                        | 27° <b>Y</b> 11'37      | 0.55023 AU       | inferior conj           | -719 Apr 05 j 18:21                        | 7° <b>Y</b> 59'10                   | 0°48'32    |
| morning rise              | -720 May 04 j 21:28                        | 23° <b>Y</b> 24'10      |                  | minimum elong           | -719 Apr 05 j 20:27                        | 7° <b>Y</b> ′55'58                  | 0°47'48    |
| direct                    | -720 May 08 j 01:10                        | 23° <b>Y</b> 02'36      |                  | min. Earth dist.        | -719 Apr 07 j 20:33                        | 6° <b>Y</b> 42'52                   | 0.55572 AU |
| morning max el            | -720 May 20 j 19:07                        | 29° <b>Ƴ</b> 07'14      | 22°22'36         | desc. node              | -719 Apr 08 j 15:23                        | 6° <b>Y</b> 15′03                   |            |
|                           | -720 May 21 j 16:58                        | $9^{\circ}$ 8           |                  | morning rise            | -719 Apr 14 j 16:06                        | 3° <b>Y</b> 29'51                   |            |
| asc. node                 | -720 Jun 08 j 14:09                        | 27° <b>8</b> 30'56      |                  | direct                  | -719 Apr 18 j 16:14                        | 2° <b>Y</b> 54'29                   |            |
|                           | -720 Jun 09 j 19:39                        | $\Pi^{\circ}0$          |                  | morning max el          | -719 May 02 j 11:54                        | 9° <b>Y</b> 46'11                   | 24°02'59   |
| morning set               | -720 Jun 11 j 12:48                        | 3° <b>Ⅱ</b> 32′22       |                  |                         | -719 May 17 j 10:57                        | $9^{\circ}$ 8                       |            |
|                           |  |                         |                  | asc. node               | -719 May 26 j 11:12                        | 17° <b>8</b> 20'37                  |            |
| superior conj             | -720 Jun 18 j 17:57                        | 18° <b>∏</b> 49'32      |                  | morning set             | -719 May 27 j 00:37                        | 18° <b>8</b> 30'54                  |            |
| minimum elong             | -720 Jun 18 j 15:31                        | 18° <b>∏</b> 36'41      |                  |                         | -719 Jun 01 j 09:05                        | $\Pi$ °0                            |            |
| max. Earth dist.          | -720 Jun 21 j 20:43                        |                         | 1.34349 AU       |                         |  | _                                   |            |
|                           | -720 Jun 24 j 03:38                        | 0°9                     |                  | superior conj           | -719 Jun 03 j 01:41                        | 3° <b>∏</b> 39'34                   |            |
| evening rise              | -720 Jun 26 j 15:53                        | 4°958'41                |                  | minimum elong           | -719 Jun 02 j 23:12                        | 3° <b>Ⅱ</b> 26'09                   | 1°12'08    |
|                           | -720 Jul 10 j 19:24                        | 0° <b>Ω</b>             |                  | max. Earth dist.        | -719 Jun 04 j 23:17                        | 7° <b>∏</b> 44'29                   | 1.33321 AU |
| desc. node                | -720 Jul 18 j 17:38                        | 11° <b>Ω</b> 47'27      | 27007122         | evening rise            | -719 Jun 10 j 11:19                        | 19° <b>Ⅱ</b> 11'42                  |            |
| evening max el            | -720 Jul 31 j 10:00                        | 26° <b>Ω</b> 53'53      | 2/0/32           |                         | -719 Jun 16 j 01:03                        | $0 _{\circ}$ ೮<br>$0 _{\circ}$ ತ್ತಾ |            |
| ratra ara da              | -720 Aug 03 j 23:10                        | 0°Mp<br>4°Mp13'10       |                  | desc. node              | -719 Jul 05 j 00:25<br>-719 Jul 05 j 14:41 | 0° <b>Ω</b> 45'52                   |            |
| retrograde<br>evening set | -720 Aug 13 j 17:12<br>-720 Aug 20 j 15:55 | 1° Tb 26'43             |                  | evening max el          | -719 Jul 13 j 20:31                        | 10° <b>Ω</b> 01'25                  | 27°25'20   |
| evening set               | -720 Aug 20 j 13:33                        | 1 11/2043<br>30°RΩ      |                  | retrograde              | -719 Jul 27 j 12:30                        | 10° <b>Ω</b> 22'05                  | 27 23 20   |
| min. Earth dist.          | -720 Aug 24 j 11:39                        | 27° <b>Ω</b> 43'13      | 0.65088 AU       | evening set             | -719 Aug 03 j 17:03                        | 14° <b>Ω</b> 42'28                  |            |
| inferior conj             | -720 Aug 26 j 13:15                        | 25° <b>Ω</b> 23'28      |                  | min. Earth dist.        | -719 Aug 07 j 07:44                        | 11° <b>Ω</b> 32'18                  | 0.63563 AU |
| minimum elong             | -720 Aug 26 j 17:19                        | 25° <b>Ω</b> 11'57      |                  | inferior conj           | -719 Aug 09 j 22:39                        | 8° <b>Ω</b> 52'04                   |            |
| morning rise              | -720 Sep 01 j 19:23                        | 19° <b>Ω</b> 49'15      | 2 .5 20          | minimum elong           | -719 Aug 10 j 03:15                        | 8° <b>Ω</b> 40'20                   |            |
| direct                    | -720 Sep 04 j 13:43                        | 19° <b>Ω</b> 08'15      |                  | morning rise            | -719 Aug 16 j 14:30                        | 3° <b>Ω</b> 35'01                   |            |
| asc. node                 | -720 Sep 04 j 13:20                        | 19° <b>Ω</b> 08'15      |                  | direct                  | -719 Aug 19 j 04:23                        | 3° <b>Ω</b> 02'38                   |            |
| morning max el            | -720 Sep 11 j 02:28                        | 22° <b>Ω</b> 39'47      | 18°10'58         | asc. node               | -719 Aug 22 j 10:23                        | 3° <b>Ω</b> 54'43                   |            |
| S                         | -720 Sep 16 j 21:12                        | O° mp                   |                  | morning max el          | -719 Aug 25 j 18:06                        | 6° <b>Ω</b> 28'09                   | 17°54'57   |
| morning set               | -720 Sep 29 j 11:45                        | 20° m 20'42             |                  |                         | -719 Sep 10 j 04:14                        | 0° <b>m</b> y                       |            |
|                           | -720 Oct 05 j 08:26                        | 0∘ <b>⊽</b>             |                  | morning set             | -719 Sep 11 j 12:20                        | 2° m 19'39                          |            |
|                           |  |                         |                  |                         |  |                                     |            |
| superior conj             | -720 Oct 13 j 18:57                        | 13° <b>≏</b> 35'52      | 0°06'01          | superior conj           | -719 Sep 23 j 18:52                        | 23° <b>m</b> 12'34                  | 0°49'58    |
| minimum elong             | -720 Oct 13 j 19:42                        | 13° <b>≏</b> 38'52      | 0°05'55          | minimum elong           | -719 Sep 23 j 23:37                        | 23° <b>m</b> 32'07                  | 0°49'22    |
| behind sun begin          | -720 Oct 13 j 09:29                        | 12° <b>≏</b> 58'10      |                  |                         | -719 Sep 27 j 22:39                        | 0∘ <b>⊽</b>                         |            |
| behind sun end            | -720 Oct 14 j 05:56                        | 14° <b>≏</b> 19'32      |                  | max. Earth dist.        | -719 Sep 29 j 19:59                        | 3° <b>ჲ</b> 02'19                   | 1.43953 AU |
| desc. node                | -720 Oct 14 j 16:57                        | 15° <b>≏</b> 03'16      |                  | desc. node              | -719 Oct 01 j 14:00                        | 5° <b>Ω</b> 49'56                   |            |
| max. Earth dist.          | -720 Oct 17 j 03:33                        | 18° <b>≏</b> 55'08      | 1.44813 AU       | evening rise            | -719 Oct 09 j 14:44                        | 18° <b>≏</b> 24'07                  |            |
|                           | -720 Oct 24 j 05:07                        | 0°M                     |                  |                         | -719 Oct 17 j 05:12                        | $0^{\circ}$ M                       |            |
| evening rise              | -720 Oct 30 j 07:22                        | 9°M29'08                |                  | evening max el          | -719 Nov 07 j 06:04                        | 28°M50'05                           | 20°44'13   |
|                           |  |                         |                  |                         |  |                                     |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 98 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | nical year style is used: T  | The year -900 in  | astronomical cou | inting style is the year          | 901 BCE in historical cou   | inting style.  | =                     |
|--------------------------------|--|---|------------------|-----------------------------------|---|--|-----------------------|
|                                | -719 Nov 08 j 10:32  | 0° <b>∡</b>   |                  | retrograde                        | -718 Oct 30 j 07:43   | 17°M48'02  |                       |
| retrograde                     | -719 Nov 15 j 11:28  | 3° <b>҂</b> ¹42'03  |                  | evening set                       | -718 Nov 03 j 16:42   | 16° <b>™</b> 04'00                                     |                       |
| asc. node                      | -719 Nov 18 j 09:37  | 2° <b>҂</b> 753′21  |                  | asc. node                         | -718 Nov 05 j 06:40   | 14°M34'46  |                       |
| evening set                    | -719 Nov 19 j 08:56  | 2° <b>∡</b> 15′06   |                  | inferior conj                     | -718 Nov 09 j 01:00   | 9° <b>™</b> 47'02                                      | 1°16'11               |
|                                | -719 Nov 21 j 17:32  | 30°RM₊  |                  | minimum elong                     | -718 Nov 08 j 23:19   | 9° <b>™</b> 52'50                                      | 1°15'30               |
| inferior conj                  | -719 Nov 24 j 18:32  | 26°M₀05'35  | 2°03'53          | min. Earth dist.                  | -718 Nov 09 j 03:08   | 9° <b>™</b> 39'38                                      | 0.67564 AU            |
| minimum elong                  | -719 Nov 24 j 16:04  | 26°M₁4'00   | 2°03'00          | morning rise                      | -718 Nov 14 j 05:47   | 3° <b>™</b> 34'08                                      |                       |
| min. Earth dist.               | -719 Nov 25 j 07:44  | 25°M20'33   | 0.67193 AU       | direct                            | -718 Nov 19 j 01:32   | 1°M32'34   |                       |
| morning rise                   | -719 Nov 29 j 23:00  | 19° <b>M</b> 51'43  |                  | morning max el                    | -718 Nov 28 j 21:39   | 7° <b>M</b> 23'07                                      | 22°46'13              |
| direct                         | -719 Dec 05 j 09:55  | 17° <b>M</b> 28'22  |                  | desc. node                        | -718 Dec 15 j 10:17   | 28°M33'44  |                       |
| morning max el                 | -719 Dec 16 j 11:39  | 24°M04'48   | 24°13'54         |                                   | -718 Dec 16 j 10:06   | 0°⊀  |                       |
|                                | -719 Dec 21 j 18:42  | 0° <b>∡</b> ¹   |                  | morning set                       | -717 Jan 02 j 01:25   | 25° <b>∡</b> ¹46'55                                    |                       |
| desc. node                     | -719 Dec 28 j 13:14  | 8° <b>∡</b> ¹46'11  |                  |                                   | -717 Jan 04 j 14:18   | 0°ಕ  |                       |
|                                | -718 Jan 11 j 21:04  | 0°⋜   |                  | max. Earth dist.                  | -717 Jan 06 j 20:46   | 3°₹50'48   | 1.40154 AU            |
| morning set                    | -718 Jan 21 j 07:12  | 15° <b>る</b> 38'08  |                  |                                   |   | _  |                       |
| max. Earth dist.               | -718 Jan 25 j 01:13  |   | 1.38031 AU       | superior conj                     | -717 Jan 14 j 15:36   | 17° <b>る</b> 35'00                                     |                       |
|                                | -718 Jan 29 j 06:31  | 0° <b>≈</b>   |                  | minimum elong                     | -717 Jan 14 j 17:19   | 17° <b>る</b> 42'49                                     | 1°58'51               |
|                                |  |   |                  |                                   | -717 Jan 21 j 07:46   | 0° <b>≈</b>  |                       |
| superior conj                  | -718 Feb 01 j 02:07  | 5° <b>≈</b> 19'55   |                  | evening rise                      | -717 Jan 24 j 10:25   | 5° <b>≈</b> 54'24                                      |                       |
| minimum elong                  | -718 Feb 01 j 05:36  | 5° <b>≈</b> 36'35   | 1°46'42          | asc. node                         | -717 Feb 01 j 06:00   | 20°≈16′02  |                       |
| evening rise                   | -718 Feb 09 j 20:36  | 22° <b>≈</b> 31'22  |                  |                                   | -717 Feb 07 j 20:16   | 0° <b>∀</b>  |                       |
|                                | -718 Feb 13 j 16:54  | 0° <b>∀</b>   |                  | evening max el                    | -717 Feb 09 j 16:16   | 1° <b>¥</b> 58′26                                      | 18°25'20              |
| asc. node                      | -718 Feb 14 j 08:58  | 1° <b>¥</b> 15'56   |                  | retrograde                        | -717 Feb 17 j 02:01   | 5° <b>₩</b> 37'18                                      |                       |
| evening max el                 | -718 Feb 26 j 11:55  |   | 19°01'46         | evening set                       | -717 Feb 19 j 13:48   | 5° <b>升</b> 13'46                                      |                       |
| retrograde                     | -718 Mar 07 j 01:19  | 23° <b>∺</b> 30'51  |                  | inferior conj                     | -717 Feb 26 j 21:07   | 0° <b>)</b> 39′20                                      |                       |
| evening set                    | -718 Mar 09 j 08:05  | 23° <b>∺</b> 14'32  |                  | minimum elong                     | -717 Feb 27 j 00:34   | 0° <b>)</b> 32′15                                      | 3°21'54               |
| inferior conj                  | -718 Mar 17 j 09:22  | 19° <b>₩</b> 00'21  | 2°23'13          |                                   | -717 Feb 27 j 16:16   | 30°R <b>≈</b>  |                       |
| minimum elong                  | -718 Mar 17 j 13:49  | 18° <b>¥</b> 52'32  | 2°21'59          | min. Earth dist.                  | -717 Mar 02 j 07:28   | 27° <b>≈</b> 52'30                                     | 0.58867 AU            |
| min. Earth dist.               | -718 Mar 20 j 12:27  | 16° <b>)</b> 49′56  | 0.56952 AU       | morning rise                      | -717 Mar 06 j 08:55   | 25° <b>≈</b> 10′38                                     |                       |
| morning rise                   | -718 Mar 25 j 16:34  | 13° <b>¥</b> 58'33  |                  | direct                            | -717 Mar 12 j 13:33   | 23° <b>≈</b> 30′27                                     |                       |
| desc. node                     | -718 Mar 26 j 12:25  | 13° <b>) (</b> 40′12  |                  | desc. node                        | -717 Mar 13 j 09:28   | 23° <b>≈</b> 32'14                                     |                       |
| direct                         | -718 Mar 30 j 20:23  | 12° <b>¥</b> 55'31  |                  |                                   | -717 Mar 25 j 15:37   | 0° <b>∀</b>  |                       |
| morning max el                 | -718 Apr 14 j 02:47  | 20° <b>)</b> 18′23  | 25°38'32         | morning max el                    | -717 Mar 26 j 21:08   | 1° <b>) (</b> 09′44                                    | 26°54'12              |
|                                | -718 Apr 22 j 09:55  | <b>0°Ƴ</b>  |                  |                                   | -717 Apr 16 j 11:24   | $0$ ° $\Upsilon$                                       |                       |
|                                | -718 May 09 j 20:05  | 0° <b>႘</b>   |                  | morning set                       | -717 Apr 25 j 22:36   | 18° <b>Ƴ</b> 22'31                                     |                       |
| morning set                    | -718 May 11 j 12:27  | 3° <b>8</b> 30'01   |                  | asc. node                         | -717 Apr 30 j 05:19   | 27° <b>Ƴ</b> 31'45                                     |                       |
| asc. node                      | -718 May 13 j 08:16  | 7° <b>8</b> 22'51   |                  |                                   | -717 May 01 j 08:29   | $8^{\circ}$ 0  |                       |
|                                |  |   |                  |                                   |   |  |                       |
| superior conj                  | -718 May 18 j 12:22  | 18° <b>8</b> 38'05  | 0°52'12          | superior conj                     | -717 May 03 j 00:06   | 3° <b>8</b> 37'19                                      | 0°29'04               |
| minimum elong                  | -718 May 18 j 10:19  | 18° <b>8</b> 26'49  | 0°51'49          | minimum elong                     | -717 May 02 j 22:51   | 3° <b>8</b> 30'25                                      | 0°28'49               |
| max. Earth dist.               | -718 May 19 j 08:45  | 20° <b>8</b> 29'23  | 1.32676 AU       | max. Earth dist.                  | -717 May 02 j 21:29   | 3° <b>8</b> 22'55                                      | 1.32392 AU            |
|                                | -718 May 23 j 18:48  | $\Pi$ $\circ 0$   |                  | evening rise                      | -717 May 09 j 22:30   | 18° <b>8</b> 37'10                                     |                       |
| evening rise                   | -718 May 25 j 14:27  | 3° <b>Ⅱ</b> 47'58   |                  |                                   | -717 May 15 j 14:14   | $\Pi$ $^{\circ}0$                                      |                       |
|                                | -718 Jun 08 j 19:15  | $0$ $\circ$ $\mathfrak{S}$  |                  |                                   | -717 Jun 03 j 22:49   | 0°€  |                       |
| desc. node                     | -718 Jun 22 j 11:43  | 18° <b>5</b> 49'20  |                  | evening max el                    | -717 Jun 08 j 04:50   | 4° <b>©</b> 29'50                                      | 26°24'49              |
| evening max el                 | -718 Jun 26 j 03:39  | 22° <b>5</b> 37'08  | 27°11'30         | desc. node                        | -717 Jun 09 j 08:44   | 5° <b>©</b> 34'13                                      |                       |
| retrograde                     | -718 Jul 10 j 01:05  | 29° <b>©</b> 55'15  |                  | retrograde                        | -717 Jun 22 j 05:20   | 11° <b>5</b> 544'19                                    |                       |
| evening set                    | -718 Jul 17 j 02:59  | 27° <b>5</b> 36'22  |                  | evening set                       | -717 Jun 28 j 17:09   | 9° <b>©</b> 58'46                                      |                       |
| min. Earth dist.               | -718 Jul 20 j 17:44  | 24° <b>5</b> 49'46  | 0.61723 AU       | min. Earth dist.                  | -717 Jul 02 j 17:58   | 7° <b>5</b> 20'36                                      | 0.59686 AU            |
| inferior conj                  | -718 Jul 23 j 20:11  | 22° <b>©</b> 01'50  | -4°17'39         | inferior conj                     | -717 Jul 06 j 02:14   | 4° <b>©</b> 43'00                                      |                       |
| minimum elong                  | -718 Jul 24 j 00:05  | 21° <b>©</b> 52'58  | 4°17'01          | minimum elong                     | -717 Jul 06 j 03:36   | 4° <b>©</b> 40'17                                      | 4°39'01               |
| morning rise                   | -718 Jul 30 j 22:41  | 17° <b>©</b> 04'43  |                  | morning rise                      | -717 Jul 13 j 16:06   | 0° <b>ഇ</b> 08'05                                      |                       |
| direct                         | -718 Aug 02 j 10:33  | 16° <b>©</b> 38'15  |                  |                                   | -717 Jul 14 j 04:19   | 30°Ŗ <b>Ⅱ</b>  |                       |
| asc. node                      | -718 Aug 09 j 07:27  | 20° <b>©</b> 03'39  |                  | direct                            | -717 Jul 16 j 04:06   | 29° <b>Ⅱ</b> 45'40                                     |                       |
| morning max el                 | -718 Aug 09 j 08:30  | 20° <b>©</b> 06'12  | 17°57'20         |                                   | -717 Jul 18 j 02:55   | $0$ $\circ$  |                       |
|                                | -718 Aug 16 j 17:00  | $0^{\circ}\Omega$   |                  | morning max el                    | -717 Jul 23 j 18:41   | 3° <b>5</b> 25'45                                      | 18°19'19              |
| morning set                    | -718 Aug 25 j 08:36  | 15° <b>Ω</b> 15'16  |                  | asc. node                         | -717 Jul 27 j 04:31   | 7° <b>©</b> 19'29                                      |                       |
|                                | -718 Sep 02 j 13:01  | 0° <b>m</b>   |                  | morning set                       | -717 Aug 08 j 19:08   | 28° <b>©</b> 52'45                                     |                       |
|                                |  |   |                  |                                   | -717 Aug 09 j 09:16   | $0^{\circ}\Omega$                                      |                       |
| superior conj                  | -718 Sep 04 j 22:14  | $4^{\circ}$ My $10'20$  |                  |                                   |   |  |                       |
| minimum elong                  | 510 G 05:03 01   | 4° mp 31'02   | 1°21'07          | superior conj                     | -717 Aug 18 j 02:18   | 16° <b>Ω</b> 21'40                                     | 1°40'05               |
|                                | -718 Sep 05 j 03:01  |   |                  |                                   |   | •  |                       |
| max. Earth dist.               | -718 Sep 05 j 03:01<br>-718 Sep 12 j 07:59   | 16° Mp 41'34  | 1.42503 AU       | minimum elong                     | -717 Aug 18 j 05:06   | 16° <b>Ω</b> 34'29                                     | 1°39'56               |
| max. Earth dist.<br>desc. node | -718 Sep 12 j 07:59<br>-718 Sep 18 j 11:03   | -•  | 1.42503 AU       | minimum elong<br>max. Earth dist. | -717 Aug 25 j 14:47   | 16° <b>61</b> 34'29<br>29° <b>Ω</b> 41'16              | 1°39'56<br>1.40650 AU |
|                                | -718 Sep 12 j 07:59  | 16° Mp 41'34  | 1.42503 AU       | =                                 | -717 Aug 25 j 14:47<br>-717 Aug 25 j 19:09                        |  |                       |
| desc. node                     | -718 Sep 12 j 07:59<br>-718 Sep 18 j 11:03   | 16° m 41'34<br>26° m 34'59<br>27° m 31'58<br>0° <u>\$\Omega\$</u> | 1.42503 AU       | =                                 | -717 Aug 25 j 14:47   | 29° <b>Ω</b> 41'16                                     |                       |
| desc. node                     | -718 Sep 12 j 07:59<br>-718 Sep 18 j 11:03<br>-718 Sep 19 j 01:28                        | 16° m 41'34<br>26° m 34'59<br>27° m 31'58                         | 1.42503 AU       | max. Earth dist.                  | -717 Aug 25 j 14:47<br>-717 Aug 25 j 19:09                        | 29° <b>Ω</b> 41'16<br>0° <b>m</b>                      |                       |
| desc. node                     | -718 Sep 12 j 07:59<br>-718 Sep 18 j 11:03<br>-718 Sep 19 j 01:28<br>-718 Sep 20 j 15:11 | 16° m 41'34<br>26° m 34'59<br>27° m 31'58<br>0° <u>\$\Omega\$</u> |                  | max. Earth dist.                  | -717 Aug 25 j 14:47<br>-717 Aug 25 j 19:09<br>-717 Aug 30 j 07:22 | 29° <b>Q</b> 41'16<br>0° <b>m</b><br>7° <b>m</b> 34'04 |                       |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 99 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl                | ne year -900 in                              | astronomical cour | nting style is the year | 901 BCE in historical cou | inting style.                            |            |
|---------------------|--|--|-------------------|-------------------------|---------------------------|--|------------|
| evening max el      | -717 Oct 03 j 17:01                        | 25° <b>≏</b> 48'53                           | 23°16'58          | desc. node              | -716 Aug 22 j 05:04       | 7° Mp 45'09                              |            |
|                     | -717 Oct 08 j 15:37                        | $0^{\circ}$ M                                |                   |                         | -716 Sep 06 j 23:58       | 0∘ <b>⊽</b>                              |            |
| retrograde          | -717 Oct 14 j 01:14                        | 1°M56'03                                     |                   | evening max el          | -716 Sep 15 j 04:58       | 9° <b>≏</b> 21'44                        | 24°36'21   |
| evening set         | -717 Oct 18 j 23:36                        | 29° <b>≙</b> 53'41                           |                   | retrograde              | -716 Sep 26 j 15:01       | 16° <b>≙</b> 01'55                       |            |
| -                   | -717 Oct 18 j 20:34                        | 30° <b>₽</b> Ω                               |                   | evening set             | -716 Oct 02 j 03:54       | 13° <b>≏</b> 41'32                       |            |
| asc. node           | -717 Oct 23 j 03:43                        | 25° <b>≏</b> 09'27                           |                   | min. Earth dist.        | -716 Oct 06 j 19:03       | 8° <b>≏</b> 23'14                        | 0.67336 AU |
| inferior conj       | -717 Oct 24 j 08:01                        | 23° <b>≏</b> 32'51                           | 0°24'23           | inferior conj           | -716 Oct 07 j 13:51       | 7° <b>Ω</b> 20'33                        |            |
| minimum elong       | -717 Oct 24 j 07:27                        | 23° <b>≏</b> 34'49                           | 0°24'07           | minimum elong           | -716 Oct 07 j 14:35       | 7° <b>≏</b> 18'05                        | 0°29'48    |
| min. Earth dist.    | -717 Oct 23 j 23:43                        | 24° <b>₽</b> 01'21                           | 0.67608 AU        | asc. node               | -716 Oct 09 j 00:46       | 5° <b>£</b> 26'00                        |            |
| morning rise        | -717 Oct 29 j 15:12                        | 17° <b>≏</b> 23'21                           |                   | morning rise            | -716 Oct 13 j 01:20       | 1° <b>≏</b> 17'02                        |            |
| direct              | -717 Nov 02 j 20:36                        | 15° <b>Ω</b> 44'16                           |                   | . 8                     | -716 Oct 16 j 05:55       | 30°R, Mp                                 |            |
| morning max el      | -717 Nov 11 j 12:52                        | 20° <b>≏</b> 49'34                           | 21°23'03          | direct                  | -716 Oct 16 j 18:00       | 29° m 58'35                              |            |
|                     | -717 Nov 19 j 04:56                        | 0°M  |                   |                         | -716 Oct 17 j 06:11       | 0∘ <b>⊽</b>                              |            |
| desc. node          | -717 Dec 02 j 07:20                        | 18°M43'30                                    |                   | morning max el          | -716 Oct 24 j 11:30       |  | 20°10'09   |
|                     | -717 Dec 09 j 16:40                        | 0° <b>⊼</b> 7                                |                   |                         | -716 Nov 12 j 04:32       | 0°M                                      |            |
| morning set         | -717 Dec 12 j 15:07                        | 4° <b>⋌</b> ³35'44                           |                   | desc. node              | -716 Nov 18 j 04:21       | 9°M08'26                                 |            |
| max. Earth dist.    | -717 Dec 19 j 22:40                        |  | 1.42150 AU        | morning set             | -716 Nov 20 j 12:14       | 12°M43'56                                |            |
| max. Lattii dist.   | 717 Dec 19 J 22:10                         | 10 % 22 10                                   | 1.12130710        | morning sec             | -716 Dec 01 j 11:50       | 0° <b>₹</b>                              |            |
| superior conj       | -717 Dec 27 j 07:36                        | 28° <b>∡</b> ¹46'55                          | -1°50'12          | max. Earth dist.        | -716 Dec 01 j 08:01       |  | 1.43736 AU |
| minimum elong       | -717 Dec 27 j 07:30                        | 28° <b>₹</b> 38'05                           |                   | max. Earth dist.        | -/10 Dec 01 J 08.01       | 29 11644 42                              | 1.43730 AO |
| minimum clong       | -717 Dec 27 j 03:33<br>-717 Dec 28 j 00:31 | 28 × 38 03                                   | 1 39 09           | superior conj           | -716 Dec 06 j 21:13       | 8° <b>∡</b> ¹44'06                       | 1042120    |
| avanina riaa        |  | 18° <b>る</b> 37'48                           |                   |                         |                           | 8° <b>₹</b> 16'55                        |            |
| evening rise        | -716 Jan 07 j 11:22                        | 18 <b>O</b> 3748<br>0° <b>≈</b>              |                   | minimum elong           | -716 Dec 06 j 14:35       | 0° <b>오</b>                              | 1 43 00    |
|                     | -716 Jan 13 j 19:17                        |  |                   |                         | -716 Dec 19 j 11:39       | 0°る32'13                                 |            |
| asc. node           | -716 Jan 19 j 03:02                        | 8°≈42'26                                     | 10000147          | evening rise            | -716 Dec 19 j 19:07       | 0 33213<br>26° <b>る</b> 24'26            |            |
| evening max el      | -716 Jan 24 j 02:03                        | 14°≈56'30                                    | 18°08'47          | asc. node               | -715 Jan 05 j 00:04       |  | 10011145   |
| retrograde          | -716 Jan 30 j 19:54                        | 18°≈23'05                                    |                   | evening max el          | -715 Jan 06 j 14:19       | 28° <b>⋜</b> 09'34                       | 18°11'45   |
| evening set         | -716 Feb 02 j 12:00                        | 17°≈51'03                                    | 20.40100          |                         | -715 Jan 08 j 17:13       | 0°≈                                      |            |
| inferior conj       | -716 Feb 09 j 04:32                        | 12°≈55'06                                    | 3°49'09           | retrograde              | -715 Jan 13 j 02:25       | 1°≈37'18                                 |            |
| minimum elong       | -716 Feb 09 j 05:41                        | 12° <b>≈</b> 52'24                           | 3°49'04           | evening set             | -715 Jan 15 j 22:40       | 0°≈55'55                                 |            |
| min. Earth dist.    | -716 Feb 12 j 08:50                        | 9° <b>≈</b> 55'57                            | 0.60959 AU        |                         | -715 Jan 17 j 12:19       | 30°Rる                                    |            |
| morning rise        | -716 Feb 15 j 21:49                        | 7° <b>≈</b> 07'55                            |                   | inferior conj           | -715 Jan 22 j 03:55       | 25° <b>る</b> 39'40                       | 3°51'00    |
| direct              | -716 Feb 22 j 17:36                        | 4° <b>≈</b> 51'46                            |                   | minimum elong           | -715 Jan 22 j 02:58       | 25° <b>る</b> 42'12                       | 3°50'56    |
| desc. node          | -716 Feb 28 j 06:30                        | 6°≈12'53                                     |                   | min. Earth dist.        | -715 Jan 24 j 19:13       | 22° <b>る</b> 50'58                       | 0.62930 AU |
| morning max el      | -716 Mar 07 j 21:53                        | 12° <b>≈</b> 39'38                           | 27°37'56          | morning rise            | -715 Jan 28 j 06:23       | 19° <b>る</b> 40'51                       |            |
|                     | -716 Mar 21 j 16:21                        | 0° <b>∺</b>                                  |                   | direct                  | -715 Feb 04 j 06:39       | 16° <b>る</b> 59'15                       |            |
|                     | -716 Apr 07 j 17:27                        | $0^{\circ}$ Y                                |                   | desc. node              | -715 Feb 14 j 03:32       | 21° <b>る</b> 14'38                       |            |
| morning set         | -716 Apr 09 j 05:12                        | 3° <b>Y</b> 02'14                            |                   | morning max el          | -715 Feb 18 j 04:14       | 24° <b>る</b> 50'27                       | 27°44'50   |
| max. Earth dist.    | -716 Apr 15 j 09:42                        | 16° <b>Ƴ</b> 12'10                           | 1.32466 AU        |                         | -715 Feb 22 j 21:41       | 0° <b>≈</b>                              |            |
|                     |  |  |                   |                         | -715 Mar 15 j 01:31       | 0° <b>∀</b>                              |            |
| superior conj       | -716 Apr 16 j 11:15                        | 18° <b>Ƴ</b> 31'38                           | 0°03'56           | morning set             | -715 Mar 24 j 06:03       | 17° <b>)</b> €21'46                      |            |
| minimum elong       | -716 Apr 16 j 11:04                        | 18° <b>Ƴ</b> 30'39                           | 0°03'54           | max. Earth dist.        | -715 Mar 29 j 17:19       | 28° <b>)</b> 42′58                       | 1.32918 AU |
| behind sun begin    | -716 Apr 16 j 06:09                        | 18° <b>Ƴ</b> 03'45                           |                   |                         | -715 Mar 30 j 07:45       | $0^{\circ}$ Y                            |            |
| behind sun end      | -716 Apr 16 j 16:00                        | 18° <b>Ƴ</b> 57'34                           |                   |                         |                           |  |            |
| asc. node           | -716 Apr 16 j 02:22                        | 17° <b>Ƴ</b> 43'04                           |                   | superior conj           | -715 Mar 31 j 20:07       | 3° <b>Y</b> 15′30                        | -0°22'24   |
|                     | -716 Apr 21 j 17:37                        | 0° <b>႘</b>                                  |                   | minimum elong           | -715 Mar 31 j 21:11       | 3° <b>Y</b> 21′12                        | 0°22'10    |
| evening rise        | -716 Apr 23 j 09:21                        | 3° <b>8</b> 31'50                            |                   | asc. node               | -715 Apr 02 j 23:24       | 7° <b>Ƴ</b> 52'57                        |            |
|                     | -716 May 07 j 15:31                        | $\Pi$ $^{\circ}0$                            |                   | evening rise            | -715 Apr 07 j 21:08       | 18° <b>Ƴ</b> 25'29                       |            |
| evening max el      | -716 May 19 j 23:10                        | 15° <b>Ⅲ</b> 38′01                           | 25°09'48          |                         | -715 Apr 13 j 14:24       | 0° <b>႘</b>                              |            |
| desc. node          | -716 May 26 j 05:45                        | 20° <b>Ⅱ</b> 29'09                           |                   | evening max el          | -715 May 01 j 13:50       | 26° <b>8</b> 17'31                       | 23°37'52   |
| retrograde          | -716 Jun 02 j 23:36                        | 22° <b>Ⅱ</b> 46′22                           |                   |                         | -715 May 06 j 02:23       | $\Pi^{\circ}0$                           |            |
| evening set         | -716 Jun 08 j 08:30                        | 21° <b>Ⅲ</b> 39'41                           |                   | desc. node              | -715 May 13 j 02:46       | 2° <b>Ⅲ</b> 57'48                        |            |
| min. Earth dist.    | -716 Jun 13 j 10:51                        | 18° <b>Ⅲ</b> 52′23                           | 0.57685 AU        | retrograde              | -715 May 15 j 06:05       | 3° <b>Ⅲ</b> 08'14                        |            |
| inferior conj       | -716 Jun 16 j 13:23                        | 16° <b>Ⅱ</b> 45'45                           | -4°32'36          | evening set             | -715 May 19 j 04:20       | 2° <b>Ⅲ</b> 34'11                        |            |
| minimum elong       | -716 Jun 16 j 10:27                        | 16° <b>Ⅱ</b> 50'45                           |                   | -                       | -715 May 24 j 23:07       | 30° <b>₹</b> 8                           |            |
| morning rise        | -716 Jun 24 j 15:09                        | 12° <b>Ⅱ</b> 32'47                           |                   | min. Earth dist.        | -715 May 26 j 00:29       | 29° <b>8</b> 23'12                       | 0.56050 AU |
| direct              | -716 Jun 27 j 04:28                        | 12° <b>Ⅲ</b> 13′22                           |                   | inferior conj           | -715 May 28 j 04:25       | 28° <b>8</b> 05'09                       |            |
| morning max el      | -716 Jul 05 j 21:41                        | 16° <b>Ⅱ</b> 18′03                           | 19°01'54          | minimum elong           | -715 May 27 j 21:47       | 28° <b>8</b> 15'11                       | 3°44'36    |
| asc. node           | -716 Jul 13 j 01:35                        | 25° <b>∏</b> 27'43                           | -                 | morning rise            | -715 Jun 05 j 18:06       | 24° <b>8</b> 07'49                       |            |
|                     | -716 Jul 15 j 18:35                        | 0°95   |                   | direct                  | -715 Jun 08 j 09:23       | 23° <b>8</b> 50'24                       |            |
| morning set         | -716 Jul 22 j 15:49                        | 13° <b>©</b> 00'59                           |                   | morning max el          | -715 Jun 18 j 15:00       | 28° <b>8</b> 34'23                       | 20°05'22   |
| morning set         | ,10001 22 J 10.79                          | 15 -00 59                                    |                   | morning max or          | -715 Jun 20 j 01:35       | 0°Ⅱ                                      | 20 00 22   |
| superior conj       | -716 Jul 31 j 01:25                        | 29° <b>©</b> 30'52                           | 1°47'17           | asc. node               | -715 Jun 29 j 22:39       | 14° <b>Ⅱ</b> 16'15                       |            |
| minimum elong       | -716 Jul 31 j 02:00                        | 29 \$30 32<br>29° \$33'41                    | 1°47'17           | morning set             | -715 Jul 29 j 22.39       | 27° <b>Ⅱ</b> 32'04                       |            |
| minimum clong       | -716 Jul 31 j 07:29                        | 29 <b>3</b> 33 41 0° <b>Ω</b>                | 1 7/1/            | morning set             | -715 Jul 08 j 00:39       | 27 <b>ய</b> 3204<br>0° <b>9</b>          |            |
| max. Earth dist.    |  | 11° <b>Ω</b> 58'45                           | 1.38640 AU        |                         | -/13 Jul 00 J 00.39       | 0 39                                     |            |
|                     | -716 Aug 06 j 17:54                        | 11° <b>∂</b> (38°43)<br>18° <b>Ω</b> (47'09) | 1.30040 AU        | superior comi           | 715 Inl 14: 14:02         | 1306222105                               | 1945!20    |
| evening rise        | -716 Aug 10 j 14:19                        |  |                   | superior conj           | -715 Jul 14 j 14:23       | 13° <b>©</b> 23'05<br>13° <b>©</b> 17'27 | 1°45'30    |
|                     | -716 Aug 17 j 07:07                        | 0° <b>m</b>                                  |                   | minimum elong           | -715 Jul 14 j 13:16       | <i>ا ک ا</i> الاستة د ا                  | 1 43 40    |

| -                              | nical year style is used: The              |  | •           |                           |                     |  | 50 100     |
|--------------------------------|--|--|-------------|---------------------------|---------------------|--|------------|
| max. Earth dist.               | -715 Jul 19 j 22:21                        | -  | 1.36731 AU  | minimum elong             | -714 Jun 28 j 10:50 | 27° <b>∏</b> 33'45                       | 1°36'35    |
| man. Barar alou                | -715 Jul 23 j 05:28                        | 0°Ω  | 1.50751110  | mmmum viong               | -714 Jun 29 j 15:04 | 0°9                                      | 1 3030     |
| evening rise                   | -715 Jul 23 j 20:22                        | 1° <b>Ω</b> 08'09                                |             | max. Earth dist.          | -714 Jul 02 j 10:07 |  | 1.35113 AU |
| desc. node                     | -715 Aug 09 j 02:06                        | 28° <b>Ω</b> 00'59                               |             | evening rise              | -714 Jul 06 j 20:34 | 14°523'06                                | 1.55115710 |
| dese. Hode                     | -715 Aug 10 j 10:13                        | 0° m)  |             | evening rise              | -714 Jul 15 j 12:32 | 0°Ω                                      |            |
| evening max el                 | -715 Aug 28 j 16:13                        | 22° Mp 57'35                                     | 25040116    | desc. node                | -714 Jul 26 j 23:08 | 17° <b>Ω</b> 54'43                       |            |
| evening max er                 | -715 Aug 28 j 10.15<br>-715 Sep 09 j 09:35 | 0° <b>ت</b>                                      | 23 46 10    | desc. node                | -714 Aug 05 j 03:30 | 0° m)                                    |            |
| ratragrada                     |  | 0° <b>⊆</b> 01'25                                |             | avanina may al            |                     | ربان 0<br>6°Mmر31′18                     | 26011157   |
| retrograde                     | -715 Sep 10 j 00:22<br>-715 Sep 10 j 14:58 |  |             | evening max el retrograde | -714 Aug 11 j 04:03 | 13°Mp47'27                               | 20 44 37   |
|                                | 1 2  | 30°RM)   |             | Č                         | -714 Aug 24 j 04:37 | -  |            |
| evening set                    | -715 Sep 16 j 03:48                        | 27° m 25'56                                      | 0.66720 ATT | evening set               | -714 Aug 30 j 21:06 | 11° Mp 02'47                             | 0.65793 AU |
| min. Earth dist.               | -715 Sep 20 j 10:54                        |  | 0.66739 AU  | min. Earth dist.          | -714 Sep 03 j 20:48 | •  |            |
| inferior conj                  | -715 Sep 21 j 16:47                        | 21° m 08'40                                      |             | inferior conj             | -714 Sep 05 j 14:48 | 4° m 53'16                               |            |
| minimum elong                  | -715 Sep 21 j 18:55                        |  | 1°24'47     | minimum elong             | -714 Sep 05 j 18:16 | 4° m/43'00                               | 2°19'13    |
| asc. node                      | -715 Sep 25 j 21:49                        | 16° m 23'03                                      |             |                           | -714 Sep 10 j 09:10 | 30°R€                                    |            |
| morning rise                   | -715 Sep 27 j 10:17                        | 15° m 13'54                                      |             | morning rise              | -714 Sep 11 j 15:54 | 29° <b>Ω</b> 10′22                       |            |
| direct                         | -715 Sep 30 j 16:22                        | 14° mp 12'51                                     |             | asc. node                 | -714 Sep 12 j 18:52 | 28° <b>Ω</b> 40'56                       |            |
| morning max el                 | -715 Oct 07 j 17:30                        | 18° <b>m</b> 11'32                               | 19°11'08    | direct                    | -714 Sep 14 j 13:49 | 28° <b>Ω</b> 23'00                       |            |
|                                | -715 Oct 16 j 19:47                        | 0∘ <b>ত</b>                                      |             |                           | -714 Sep 18 j 21:06 | 0°Щ                                      |            |
| morning set                    | -715 Oct 30 j 17:05                        | 21° <b>≏</b> 22'35                               |             | morning max el            | -714 Sep 21 j 05:11 | 2°Mp02'09                                | 18°28'03   |
| desc. node                     | -715 Nov 05 j 01:23                        | 29° <b>≏</b> 44'14                               |             |                           | -714 Oct 10 j 03:50 | 0∘ <b>ত</b>                              |            |
|                                | -715 Nov 05 j 05:24                        | 0°M₊   |             | morning set               | -714 Oct 10 j 23:33 | 1° <b>≏</b> 19'44                        |            |
| max. Earth dist.               | -715 Nov 13 j 22:57                        | 13°M42'28  | 1.44722 AU  | desc. node                | -714 Oct 22 j 22:26 | 20° <b>£</b> 27′03                       |            |
|                                |  |  |             |                           |                     |  |            |
| superior conj                  | -715 Nov 16 j 09:29                        | 17°ML33'51                                       | -1°09'38    | superior conj             | -714 Oct 26 j 09:49 | 25° <b>≏</b> 56'03                       | -0°22'33   |
| minimum elong                  | -715 Nov 16 j 01:41                        | 17°ML02'56                                       | 1°08'46     | minimum elong             | -714 Oct 26 j 06:50 | 25° <b>≏</b> 44'20                       | 0°22'09    |
|                                | -715 Nov 24 j 04:08                        | 0° <b>∡</b> 7                                    |             | max. Earth dist.          | -714 Oct 27 j 17:13 | 27° <b>≏</b> 59'39                       | 1.44994 AU |
| evening rise                   | -715 Dec 01 j 05:23                        | 11° <b>∡</b> ³30′04                              |             |                           | -714 Oct 28 j 23:50 | $0^{\circ}$ M                            |            |
|                                | -715 Dec 12 j 13:53                        | 0°₹  |             | evening rise              | -714 Nov 11 j 15:43 | 21°M28'42                                |            |
| evening max el                 | -715 Dec 21 j 02:25                        | 11° <b>ට</b> 31'44                               | 18°33'21    |                           | -714 Nov 17 j 01:21 | 0° <b>∡</b> ¹                            |            |
| asc. node                      | -715 Dec 22 j 21:05                        | 13° <b>පි</b> 09'25                              |             | greatest brilliancy       | -714 Nov 21 j 10:54 | 6° <b>₹</b> 53'43                        | -0.8m      |
| retrograde                     | -715 Dec 27 j 17:10                        | 15° <b>ට</b> 11'41                               |             | evening max el            | -714 Dec 04 j 11:59 | 24° <b>₹</b> 58'41                       | 19°12'18   |
| evening set                    | -715 Dec 30 j 18:23                        | 14° <b>る</b> 19'47                               |             | asc. node                 | -714 Dec 09 j 18:07 | 28° <b>∡</b> ¹42'50                      |            |
| inferior conj                  | -714 Jan 05 j 15:18                        | 8° <b>る</b> 45'12                                | 3°35'07     | retrograde                | -714 Dec 11 j 12:38 | 29° <b>₹</b> 100′17                      |            |
| minimum elong                  | -714 Jan 05 j 13:01                        | 8° <b>ප</b> 51'56                                |             | evening set               | -714 Dec 14 j 20:17 | 27° <b>∡</b> 756'12                      |            |
| min. Earth dist.               | -714 Jan 07 j 15:25                        |  | 0.64607 AU  | inferior conj             | -714 Dec 20 j 11:17 | 22° <b>∡</b> 05'45                       | 3°06'36    |
| morning rise                   | -714 Jan 11 j 07:11                        | 2° <b>る</b> 39'12                                |             | minimum elong             | -714 Dec 20 j 08:27 | 22° <b>√</b> 14'44                       |            |
| 8                              | -714 Jan 16 j 05:06                        | 30°R <b>✓</b>                                    |             | min. Earth dist.          | -714 Dec 21 j 20:38 |  | 0.65911 AU |
| direct                         | -714 Jan 18 j 03:11                        | 29° <b>х</b> 47'01                               |             | morning rise              | -714 Dec 25 j 20:21 | 15° <b>₹</b> 55'15                       |            |
|                                | -714 Jan 20 j 02:54                        | 0°ප  |             | direct                    | -713 Jan 01 j 05:57 | 13° <b>₹</b> 06'45                       |            |
| morning max el                 | -714 Jan 31 j 13:24                        |  | 27°16'37    | morning max el            | -713 Jan 13 j 22:53 | 20° <b>₹</b> 35'46                       | 26°19'44   |
| desc. node                     | -714 Feb 01 j 00:34                        | 8° <b>ට</b> 01'21                                | 27 1037     | desc. node                | -713 Jan 18 j 21:37 | 26° <b>₹</b> 02'54                       | 20 17 11   |
| dese. Hode                     | -714 Feb 17 j 22:56                        | 0°≈  |             | dese. Hode                | -713 Jan 22 j 02:19 | 0°る                                      |            |
|                                | -714 Mar 07 j 07:36                        | 0° <b>∺</b>                                      |             |                           | -713 Feb 11 j 01:56 | 0°≈                                      |            |
| morning set                    | -714 Mar 07 j 22:19                        | 1° <b>∺</b> 11'29                                |             | morning set               | -713 Feb 19 j 02:11 | 0 <b>~</b><br>14° <b>≈</b> 19'36         |            |
| max. Earth dist.               | -714 Mar 12 j 16:20                        | 10°\(\frac{1129}{42'53}\)                        | 1.33793 AU  | max. Earth dist.          | -713 Feb 23 j 04:01 | 22°≈08'35                                | 1.35124 AU |
| max. Lattii dist.              | -/14 Mai 12 j 10.20                        | 10 7(4233  | 1.55795 AO  | max. Earth dist.          |                     | 0° <b>∺</b>                              | 1.33124 AU |
| avmariar aani                  | 714 Mar. 16 ; 00:40                        | 17° <b>)</b> 42′22                               | 0949152     |                           | -713 Feb 27 j 02:23 | 0 K                                      |            |
| superior conj<br>minimum elong | -714 Mar 16 j 00:49<br>-714 Mar 16 j 03:07 | 17° <del>X</del> 42'22<br>17° <del>X</del> 54'32 |             | superior conj             | -713 Feb 27 j 23:01 | 1° <b>)</b> 45′13                        | 101/111    |
| _                              |  | 27°\ 56'52                                       | 0 46 20     | minimum elong             | -                   | 2° <b>H</b> 02'14                        |            |
| asc. node                      | -714 Mar 20 j 20:26                        |  |             | Č                         | -713 Feb 28 j 02:21 |  | 1 13 39    |
| avanisi-                       | -714 Mar 21 j 19:39                        | 0° <b>Υ</b><br>3° <b>Υ</b> 11'33                 |             | evening rise              | -713 Mar 07 j 16:11 | 17° <b>)</b> 43′50<br>17° <b>)</b> 50′34 |            |
| evening rise                   | -714 Mar 23 j 08:02                        |  |             | asc. node                 | -713 Mar 07 j 17:29 |  |            |
|                                | -714 Apr 07 j 08:41                        | 0° <b>8</b>                                      | 22002124    |                           | -713 Mar 13 j 21:30 | 0°Υ                                      | 20020100   |
| evening max el                 | -714 Apr 13 j 07:35                        | 6° <b>8</b> 56'52                                | 22°03'34    | evening max el            | -713 Mar 26 j 10:23 | 18° <b>Y</b> 02'12                       | 20°39'08   |
| retrograde                     | -714 Apr 26 j 00:23                        | 13° <b>8</b> 09'40                               |             | retrograde                | -713 Apr 06 j 13:20 | 23° <b>Y</b> 23′02                       |            |
| evening set                    | -714 Apr 28 j 17:45                        | 12° <b>8</b> 53'13                               |             | evening set               | -713 Apr 08 j 17:55 | 23° <b>Y</b> 11′26                       |            |
| desc. node                     | -714 Apr 29 j 23:47                        | 12° <b>8</b> 35'12                               |             | desc. node                | -713 Apr 16 j 20:48 | 19° <b>Y</b> 50′20                       |            |
| min. Earth dist.               | -714 May 07 j 13:38                        |  | 0.55132 AU  | inferior conj             | -713 Apr 17 j 22:12 | 19° <b>Y</b> 14′00                       |            |
| inferior conj                  | -714 May 08 j 03:31                        | 8° <b>8</b> 47'00                                |             | minimum elong             | -713 Apr 17 j 21:21 |  | 0°17'48    |
| minimum elong                  | -714 May 07 j 21:35                        | 8° <b>8</b> 55'22                                | 2°13'31     | min. Earth dist.          | -713 Apr 19 j 03:07 | 18° <b>Ƴ</b> 32'24                       | 0.55146 AU |
| morning rise                   | -714 May 17 j 02:47                        | 4° <b>8</b> 51'13                                |             | morning rise              | -713 Apr 26 j 23:46 | 15° <b>Y</b> 01'41                       |            |
| direct                         | -714 May 19 j 23:37                        | 4° <b>8</b> 32'48                                |             | direct                    | -713 Apr 30 j 11:11 | 14° <b>Y</b> 35'32                       |            |
| morning max el                 | -714 May 31 j 21:11                        | 10° <b>8</b> 07'48                               | 21°28'06    | morning max el            | -713 May 13 j 17:31 | 21° <b>Y</b> 01'44                       | 23°04'51   |
|                                | -714 Jun 14 j 22:21                        | $\Pi^{\circ}0$                                   |             |                           | -713 May 21 j 09:03 | $9^{\circ}$ 8                            |            |
| asc. node                      | -714 Jun 16 j 19:42                        | 3° <b>Ⅱ</b> 34′29                                |             | asc. node                 | -713 Jun 03 j 16:47 | 23° <b>8</b> 14'48                       |            |
| morning set                    | -714 Jun 21 j 03:58                        | 12° <b>Ⅱ</b> 18'19                               |             | morning set               | -713 Jun 05 j 15:02 | 27° <b>8</b> 14'07                       |            |
|                                |  |  |             |                           | -713 Jun 06 j 22:31 | $\Pi^{\circ}0$                           |            |
| superior conj                  | -714 Jun 28 j 12:59                        | 27° <b>Ⅱ</b> 44'54                               | 1°36'46     |                           |                     |  |            |
|                                |  |  |             |                           |                     |  |            |

| -                              | -  |   |                    |                                | 901 BCE in historical cou                  |                          | 50 101     |
|--------------------------------|--|---|--------------------|--------------------------------|--|--------------------------|------------|
| superior conj                  | -713 Jun 12 j 18:05                        | 12° <b>Ⅱ</b> 26'49                      |                    | asc. node                      | -712 May 20 j 13:51                        | 13° <b>8</b> 10'35       |            |
| minimum elong                  | -713 Jun 12 j 15:34                        | 12° <b>Ⅱ</b> 13'22                      | 1°22'17            |                                | , ,  |                          |            |
| max. Earth dist.               | -713 Jun 15 j 07:48                        | 17° <b>Ⅲ</b> 53'33                      | 1.33870 AU         | superior conj                  | -712 May 27 j 03:17                        | 27° <b>8</b> 21'06       | 1°04'16    |
| evening rise                   | -713 Jun 20 j 10:09                        | 28° <b>Ⅱ</b> 18'29                      |                    | minimum elong                  | -712 May 27 j 00:56                        | 27° <b>8</b> 08'17       | 1°03'53    |
|                                | -713 Jun 21 j 06:46                        | $0$ $\circ$ $\odot$                     |                    |                                | -712 May 28 j 08:36                        | $\Pi$ $^{\circ}0$        |            |
|                                | -713 Jul 08 j 16:51                        | $0^{\circ}\Omega$                       |                    | max. Earth dist.               | -712 May 28 j 13:54                        | 0°Ⅱ28'36                 | 1.33004 AU |
| desc. node                     | -713 Jul 13 j 20:10                        | 7° <b>Ω</b> 16'46                       |                    | evening rise                   | -712 Jun 03 j 09:13                        | 12° <b>∏</b> 42'27       |            |
| evening max el                 | -713 Jul 24 j 15:45                        | 19° <b>Ω</b> 52'34                      | 27°18'47           |                                | -712 Jun 12 j 10:46                        | 0ಂ <b>ತಾ</b>             |            |
| retrograde                     | -713 Aug 07 j 03:06                        | 27° <b>Ω</b> 12'16                      |                    | desc. node                     | -712 Jun 29 j 17:11                        | 25° <b>©</b> 54'08       |            |
| evening set                    | -713 Aug 14 j 05:04                        | 24° <b>Ω</b> 27'32                      |                    |                                | -712 Jul 03 j 06:54                        | $0^{\circ}\Omega$        |            |
| min. Earth dist.               | -713 Aug 17 j 22:27                        |   | 0.64483 AU         | evening max el                 | -712 Jul 06 j 01:12                        | 2° <b>Ω</b> 48'17        | 27°23'29   |
| inferior conj                  | -713 Aug 20 j 05:35                        | 18° <b>Ω</b> 29'29                      |                    | retrograde                     | -712 Jul 19 j 19:24                        | 10° <b>Ω</b> 07'29       |            |
| minimum elong                  | -713 Aug 20 j 10:00                        | 18° <b>Ω</b> 17'32                      | 3°10'48            | evening set                    | -712 Jul 27 j 00:16                        | 7° <b>Ω</b> 34'53        |            |
| morning rise                   | -713 Aug 26 j 15:41                        | 13° <b>Ω</b> 01'53                      |                    | min. Earth dist.               | -712 Jul 30 j 14:08                        |                          | 0.62816 AU |
| direct                         | -713 Aug 29 j 07:54                        | 12° <b>Ω</b> 24'46                      |                    | inferior conj                  | -712 Aug 02 j 10:22                        | 1° <b>Ω</b> 51'17        |            |
| asc. node                      | -713 Aug 30 j 15:57                        | 12° <b>Ω</b> 34'05                      | 10001155           | minimum elong                  | -712 Aug 02 j 14:52                        | 1° <b>Ω</b> 40′21        | 3°56'01    |
| morning max el                 | -713 Sep 04 j 20:07                        | 15° <b>Ω</b> 52'43                      | 18°01'57           |                                | -712 Aug 04 j 09:33                        | 30°R≌                    |            |
|                                | -713 Sep 14 j 21:25                        | 0° <b>Т</b> р                           |                    | morning rise                   | -712 Aug 09 j 06:39                        | 26°5542'26               |            |
| morning set                    | -713 Sep 22 j 10:07                        | 12° m 38'45                             |                    | direct                         | -712 Aug 11 j 19:31                        | 26°©12'44                |            |
|                                | -713 Oct 02 j 20:15                        | 0∘ <b>⊽</b>                             |                    | asc. node                      | -712 Aug 16 j 13:02                        | 27°957'44<br>29°937'49   | 17°53'44   |
|                                | 712 0-4 05 : 20.00                         | 49 0 51121                              | 0025155            | morning max el                 | -712 Aug 18 j 11:36                        |                          | 1/-55'44   |
| superior conj<br>minimum elong | -713 Oct 05 j 20:08<br>-713 Oct 05 j 23:06 | 4° <b>£</b> 51'31<br>5° <b>£</b> 03'29  | 0°25'55<br>0°25'30 | morning set                    | -712 Aug 18 j 20:24<br>-712 Sep 03 j 19:48 | 0°Ω<br>25°Ω04'18         |            |
| desc. node                     | -713 Oct 03 j 23:00<br>-713 Oct 09 j 19:30 | 11° <b>⊆</b> 13'13                      | 0 23 30            | morning set                    | -712 Sep 05 j 19:48<br>-712 Sep 06 j 14:35 | 0° m)                    |            |
| max. Earth dist.               | -713 Oct 10 j 11:45                        | 11 <b>≅</b> 13 13<br>12° <b>⊆</b> 17'46 | 1.44532 AU         |                                | -/12 Sep 00 j 14.55                        | עוו ט                    |            |
| max. Lattii dist.              | -713 Oct 21 j 19:35                        | 0°M                                     | 1.44332 AO         | superior conj                  | -712 Sep 15 j 07:39                        | 15° <b>m</b> 02'54       | 1°05'03    |
| evening rise                   | -713 Oct 22 j 05:35                        | 0°M38'34                                |                    | minimum elong                  | -712 Sep 15 j 12:48                        | 15° Mp 24'34             | 1°04'26    |
| greatest brilliancy            | -713 Nov 05 j 05:06                        | 21°M53'10                               | -0.6m              | max. Earth dist.               | -712 Sep 22 j 03:05                        | 26° Mp 17'22             | 1.43396 AU |
| greatest offinaley             | -713 Nov 10 j 20:43                        | 0° <b>⊼</b>                             | 0.0111             | max. Earth dist.               | -712 Sep 24 j 10:27                        | 0° <b>ರ</b>              | 1.13370710 |
| evening max el                 | -713 Nov 17 j 16:59                        | 8° <b>∡</b> 126'42                      | 20°06'49           | desc. node                     | -712 Sep 25 j 16:32                        | 1° <b>£</b> 59'53        |            |
| retrograde                     | -713 Nov 25 j 10:05                        | 12° <b>₹</b> 58'09                      |                    | evening rise                   | -712 Sep 30 j 12:07                        | 9° <b>₾</b> 33'36        |            |
| asc. node                      | -713 Nov 26 j 15:10                        | 12° <b>∡</b> ¹49'45                     |                    | Ü                              | -712 Oct 14 j 01:07                        | o° <b>m</b> ₊            |            |
| evening set                    | -713 Nov 29 j 02:01                        | 11° <b>∡</b> ³39′58                     |                    | evening max el                 | -712 Oct 30 j 16:13                        | 21°M54'54                | 21°14'14   |
| inferior conj                  | -713 Dec 04 j 13:04                        | 5° <b>∡</b> ³36′23                      | 2°28'51            | retrograde                     | -712 Nov 08 j 07:23                        | 27°M02'33                |            |
| minimum elong                  | -713 Dec 04 j 10:20                        | 5° <b>∡</b> ¹45'34                      | 2°27'58            | evening set                    | -712 Nov 12 j 09:35                        | 25°M28'18                |            |
| min. Earth dist.               | -713 Dec 05 j 09:06                        | 4° <b>х</b> 29′23                       | 0.66832 AU         | asc. node                      | -712 Nov 12 j 12:13                        | 25°M23'08                |            |
|                                | -713 Dec 09 j 02:59                        | 30°RM₊                                  |                    | inferior conj                  | -712 Nov 17 j 18:25                        | 19° <b>M</b> 14'59       | 1°44'17    |
| morning rise                   | -713 Dec 09 j 18:28                        | 29°M23'23                               |                    | minimum elong                  | -712 Nov 17 j 16:14                        | 19°M22'29                | 1°43'27    |
| direct                         | -713 Dec 15 j 14:06                        | 26°M49'06                               |                    | min. Earth dist.               | -712 Nov 18 j 02:42                        | 18°M46'30                | 0.67391 AU |
|                                | -713 Dec 23 j 01:40                        | 0° <b>∡</b> 7                           |                    | morning rise                   | -712 Nov 22 j 22:45                        | 13°M01'23                |            |
| morning max el                 | -713 Dec 27 j 07:32                        | 3° <b>х¹</b> 47'39                      | 25°03'05           | direct                         | -712 Nov 28 j 03:05                        | 10°M47'19                |            |
| desc. node                     | -712 Jan 05 j 18:41                        | 14° <b>∡</b> 56'45                      |                    | morning max el                 | -712 Dec 08 j 16:25                        | 17° <b>M</b> 04'33       | 23°36'38   |
|                                | -712 Jan 16 j 09:44                        | 0°₹                                     |                    |                                | -712 Dec 19 j 09:44                        | 0°⊀                      |            |
| morning set                    | -712 Feb 01 j 12:28                        | 26° <b>る</b> 30'21                      |                    | desc. node                     | -712 Dec 22 j 15:45                        | 4° <b>∡</b> 28'13        |            |
|                                | -712 Feb 03 j 10:56                        | 0° <b>≈</b>                             |                    |                                | -711 Jan 08 j 11:12                        | 0° <b>ප</b>              |            |
| max. Earth dist.               | -712 Feb 05 j 04:51                        | 3° <b>≈</b> 12'47                       | 1.36883 AU         | morning set                    | -711 Jan 12 j 23:01                        | 7°る28'08                 |            |
| avmoni                         | 710 E-L 11 : 11 40                         | 15° <b>≈</b> 14'23                      | 1926120            | max. Earth dist.               | -711 Jan 17 j 00:16                        | 14° <b>る</b> 27'50       | 1.38936 AU |
| superior conj                  | -712 Feb 11 j 11:42                        |   |                    | aumorior coni                  | 711 Ion 24: 11:01                          | 20030004                 | 1052!11    |
| minimum elong                  | -712 Feb 11 j 15:26<br>-712 Feb 18 j 20:29 | 15°≈32'46<br>0° <b>米</b>                | 1 30 04            | superior conj<br>minimum elong | -711 Jan 24 j 11:01<br>-711 Jan 24 j 13:59 | 28°පි00'04<br>28°පි13'59 |            |
| evening rise                   | -712 Feb 18 j 20.29                        | 1° <b>¥</b> 54'53                       |                    | minimum ciong                  | -711 Jan 24 j 13:39                        | 28 <b>⊙</b> 13 39        | 1 33 00    |
| asc. node                      | -712 Feb 19 j 19:19<br>-712 Feb 22 j 14:31 | 7° <b>∺</b> 28′20                       |                    | evening rise                   | -711 Feb 02 j 14:55                        | 0 ∞<br>15°≈38'03         |            |
| evening max el                 | -712 Mar 08 j 00:11                        | 29° <b>)</b> 43'52                      | 19°31'36           | asc. node                      | -711 Feb 08 j 11:33                        | 26°≈44'27                |            |
| evening max er                 | -712 Mar 08 j 07:01                        | 0°Υ                                     | 17 31 30           | use. Houe                      | -711 Feb 10 j 07:44                        | 0° <b>∀</b>              |            |
| retrograde                     | -712 Mar 17 j 10:15                        | 4° <b>Υ</b> 14'44                       |                    | evening max el                 | -711 Feb 18 j 23:56                        | 12° <b>米</b> 01'15       | 18°43'41   |
| evening set                    | -712 Mar 19 j 14:39                        | 4° <b>Υ</b> 01'15                       |                    | retrograde                     | -711 Feb 27 j 00:19                        | 15° <b>)</b> 54'47       |            |
| inferior conj                  | -712 Mar 28 j 02:44                        | 29° <b>)</b> 55'49                      | 1°32'42            | evening set                    | -711 Mar 01 j 09:07                        | 15° <b>)</b> €35'42      |            |
| minimum elong                  | -712 Mar 28 j 06:20                        | 29° <b>)</b> 50'02                      | 1°31'34            | inferior conj                  | -711 Mar 09 j 02:26                        | 11° <b>)</b> 13′03       | 2°52'46    |
| 3                              | -712 Mar 28 j 00:08                        | 30° <b>₹</b> ₩                          |                    | minimum elong                  | -711 Mar 09 j 06:46                        | 11° <b>)</b> €04'55      | 2°51'46    |
| min. Earth dist.               | -712 Mar 30 j 17:32                        | 28° <b>ℋ</b> 15'21                      | 0.56079 AU         | min. Earth dist.               | -711 Mar 12 j 10:28                        | 8° <b>)</b> 44′26        | 0.57724 AU |
| desc. node                     | -712 Apr 02 j 17:51                        | 26° <b>)</b> 31′24                      |                    | morning rise                   | -711 Mar 17 j 01:34                        | 5° <b>)</b> 58′26        |            |
| morning rise                   | -712 Apr 05 j 19:24                        | 25° <b>)</b> 13′01                      |                    | desc. node                     | -711 Mar 20 j 14:53                        | 4° <b>)</b> 51′09        |            |
| direct                         | -712 Apr 10 j 07:02                        | 24° <b>)</b> 27′40                      |                    | direct                         | -711 Mar 22 j 16:30                        | 4° <b>)</b> 40′30        |            |
|                                | -712 Apr 22 j 15:15                        | $0^{\circ}\mathbf{\Upsilon}$            |                    | morning max el                 | -711 Apr 06 j 00:38                        | 12° <b>ℋ</b> 11'51       | 26°14'04   |
| morning max el                 | -712 Apr 24 j 08:37                        | 1° <b>Y</b> 33'46                       | 24°45'11           |                                | -711 Apr 19 j 21:24                        | $0^{\circ}\Upsilon$      |            |
|                                | -712 May 14 j 00:54                        | 0°8                                     |                    | morning set                    | -711 May 04 j 14:23                        | 27° <b>Y</b> 11′00       |            |
| morning set                    | -712 May 20 j 03:04                        | 12° <b>8</b> 13'44                      |                    |                                | -711 May 05 j 22:19                        | $0^{\circ}$ 8            |            |
|                                |  |   |                    |                                |  |                          |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 102 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node -711 May 07 j 10:53 3°**8**16'17 max. Earth dist. -710 Apr 25 j 14:03 26°Υ12'14 1.32373 AU -711 May 11 j 14:36 12°**8**20'41 0°42'40 -710 Apr 26 j 02:20 27°Υ19'34 0°18'37 superior conj superior conj 12°**8**11'02 0°42'20 -711 May 11 j 12:51 -710 Apr 26 j 01:30 27°**℃**15′01 0°18'27 minimum elong minimum elong -711 May 12 j 01:12 13°**8**18'43 -710 Apr 27 j 07:35 max. Earth dist. 1.32508 AU  $0^{\circ}$ 8 -711 May 18 j 14:41 27°**8**24'59 -710 May 03 j 00:11 12°818'05 evening rise evening rise -711 May 19 j 20:42 -710 May 12 j 00:55  $0^{\circ}\Pi$  $\Pi$  $^{\circ}$ 0 -711 Jun 05 j 21:13 0ಂಣ evening max el -710 May 31 j 03:55 26°**Ⅲ**39'21 25°55'53 -711 Jun 16 j 14:12 desc. node 13°927'33 desc. node -710 Jun 03 j 11:10 29°**Ⅲ**30'36 evening max el -711 Jun 18 j 05:47 15°**©**05'47 26°55'30 -710 Jun 04 j 02:51 0.00 retrograde -711 Jul 02 j 04:45 22°523'07 retrograde -710 Jun 14 j 05:26 3°952'41 -711 Jul 09 j 02:22 -710 Jun 20 j 07:03 evening set 20°9516'44 evening set 2°523'38 -711 Jul 12 j 19:34 min. Earth dist. 17°**©**36'12 0.60865 AU -710 Jun 24 j 07:06 30°RⅡ inferior conj -711 Jul 16 j 01:44 14°9549'51 -4°29'25 min. Earth dist. -710 Jun 24 j 16:32 29°**Д**43'25 0.58809 AU minimum elong -711 Jul 16 j 04:49 14°9543'14 4°29'04 inferior conj -710 Jun 28 j 00:07 27°**Ⅱ**16'19 -4°40'34 morning rise -711 Jul 23 j 09:03 10°9502'26 minimum elong -710 Jun 27 j 23:49 27°**Ⅱ**16'53 4°40'32 direct -711 Jul 25 j 20:44 9°937'56 morning rise -710 Jul 05 j 19:02 22°II51'04 morning max el -711 Aug 02 j 00:39 13°9509'32 18°04'18 direct -710 Jul 08 j 07:16 22° II 30'11 asc. node -711 Aug 03 j 10:06 14°937'12 morning max el -710 Jul 16 j 08:12 26°**Ⅱ**19'24 18°34'49 -711 Aug 13 j 10:05  $0^{\circ}\Omega$ -710 Jul 19 j 14:54 0ಂಪ morning set -711 Aug 17 j 22:41 8°**Ω**19'03 asc. node -710 Jul 21 j 07:10 2°917'25 morning set -710 Aug 01 j 13:58 22°9510'49 superior conj -711 Aug 27 j 22:10 26°**Ω**34'03 1°30'58 -710 Aug 05 j 14:56  $0^{\circ}\Omega$ minimum elong -711 Aug 28 j 02:13 26°**Ω**52'02 1°30'38 -711 Aug 29 j 20:55 0° m superior conj -710 Aug 10 j 11:02 9°**Ω**12'06 1°44'22 -711 Sep 04 j 12:37 9° Mp 40'05 1.41742 AU -710 Aug 10 j 12:52 9°Ω20'39 1°44'18 max. Earth dist. minimum elong -711 Sep 10 j 05:28 19° m 00'08 -710 Aug 17 j 16:51 22°Ω18'50 1.39799 AU max Earth dist evening rise -711 Sep 12 j 13:34 22° m 43'10 -710 Aug 21 j 21:56 desc. node evening rise 29°**Ω**32'13 -711 Sep 17 j 06:03 0∘**⊽** -710 Aug 22 j 04:33 0° m -711 Oct 08 j 14:32  $0^{\circ}$ M -710 Aug 30 j 10:34 desc. node 13° m 19'26 -711 Oct 13 j 09:42 -710 Sep 10 j 17:00 evening max el 5°M23'14 22°30'51 0∘∙თ -711 Oct 23 j 02:46 -710 Sep 25 j 23:05 11°ML09'43 evening max el 18°**♀**54'20 23°51'13 retrograde -711 Oct 27 j 17:11 -710 Oct 06 j 18:50 9°**M**₁7'56 25°**£**16′50 evening set retrograde -711 Oct 30 j 09:16 -710 Oct 11 j 23:10 asc. node 6°M31'40 evening set 23°**2**06'53  $2^{\circ}$ ML58'34  $0^{\circ}$ 54'39 16°**△**45'27 0°01'30 -711 Nov 02 j 01:19 -710 Oct 17 j 08:03 inferior conj inferior conj -711 Nov 02 j 00:05 -710 Oct 17 j 08:01 minimum elong 3°ML02'52 0°54'07 minimum elong 16°**♀**45'35 0°01'28 -710 Oct 17 j 08:01 min. Earth dist. -711 Nov 01 j 22:57 3°M06'48 0.67616 AU transit middle 16°**△**45'35 0°01'28 -711 Nov 04 j 06:27 30°**₽**Ω transit begin -710 Oct 17 j 05:18 16°**£**54'47 morning rise -711 Nov 07 j 06:52 26°**£**46'40 transit end -710 Oct 17 j 10:43 16°**△**36'22 direct -711 Nov 11 j 20:15 24°**£**54'54 min. Earth dist. -710 Oct 16 j 19:24 17°**≏**28'29 0.67528 AU -711 Nov 20 j 17:48 0°M -710 Oct 17 j 06:20 16°**£**51'19 asc. node -711 Nov 21 j 04:20 0°M26'18 22°09'54 -710 Oct 22 j 16:49 10°**♀**37'52 morning max el morning rise -711 Dec 09 j 12:48 24°M26'08 -710 Oct 26 j 16:33 9°**£**07'47 desc. node direct -711 Dec 13 j 06:35 0°×7 -710 Nov 03 j 22:26 13°**2**56'11 20°50'26 morning max el -711 Dec 24 j 04:46 17°**∡**01'37 -710 Nov 16 j 11:17 morning set 0°M -710 Nov 26 i 09:50 max. Earth dist. -711 Dec 29 j 21:38 26°**₹**'24'39 1.41030 AU desc. node 14°M42'52 -710 Jan 01 j 00:33 0°정 morning set -710 Dec 03 i 08:50 25°M24'53 -710 Dec 06 i 06:59 0°×7 -710 Jan 06 j 16:02 9°**ප්**49'56 -2°00'43 superior conj max. Earth dist. -710 Dec 12 j 02:08 9°**∡**16'45 1.42883 AU -710 Jan 06 i 16:23 9°**ප**51'31 2°00'44 minimum elong -710 Jan 16 j 23:46 28°る45'34 -710 Dec 18 i 21:14 20°**∡**30'55 -1°54'43 evening rise superior conj -710 Jan 17 j 15:43 -710 Dec 18 j 17:09 20° **₹**13'45 1°54'33 0°≈≈ minimum elong -710 Jan 26 j 08:34 -710 Dec 24 j 10:09 0°궁 asc. node 15°≈31'48 -710 Feb 02 j 06:59 -710 Dec 30 j 17:54 11°**පි**08'46 evening max el 24°**≈**47'34 18°15'53 evening rise -710 Feb 09 j 08:47 -709 Jan 10 j 17:11 retrograde 28°≈19'29 0°2 -710 Feb 11 j 22:20 27°≈52'37 asc. node -709 Jan 13 j 05:36 3°≈40'59 evening set -710 Feb 18 j 22:59 23°**≈**09'19 3°37'20 evening max el -709 Jan 16 j 18:15 7°≈53'27 18°07'48 inferior conj -710 Feb 19 j 01:30 retrograde -709 Jan 23 j 08:25 minimum elong 23°≈03'49 3°37'00 11°≈18'42 -710 Feb 22 j 08:08 20°≈13'50 0.59750 AU -709 Jan 26 j 02:19 min. Earth dist. evening set 10°≈42'46 -710 Feb 26 j 02:31 -709 Feb 01 j 13:40 morning rise 17°≈31'27 inferior conj 5°**≈**38'17 3°52'28 -710 Mar 04 j 14:55 -709 Feb 01 j 13:51 direct 15°**≈**34'55 minimum elong 5°**≈**37'50 3°52'28 -710 Mar 07 j 11:55 15°≈56'41 min. Earth dist. -709 Feb 04 j 13:06 2°≈40'58 0.61824 AU desc. node morning max el -710 Mar 18 j 21:46 23°≈19'35 27°17'07 -709 Feb 07 j 16:15 30°Ŗる -710 Mar 24 j 21:28 0°**)**€ morning rise -709 Feb 08 j 00:09 29°**る**45'44  $0^{\circ}\Upsilon$ -710 Apr 12 j 22:35 direct -709 Feb 14 j 23:18 27°**ප**16'46 -710 Apr 18 j 23:17 11°Y59'48 -709 Feb 22 j 08:59 29°る41'49 morning set desc. node -710 Apr 24 j 07:55 23°Y27'21 -709 Feb 22 j 20:31 0°**≈** asc. node

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 103 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: T                 | he year -900 in                      | astronomical cou | inting style is the year  | 901 BCE in historical cou                  | inting style.                            |             |
|---------------------|--|--------------------------------------|------------------|---------------------------|--|--|-------------|
| morning max el      | -709 Mar 01 j 00:52                        | 5° <b>≈</b> 06'46                    | 27°45'22         | desc. node                | -708 Feb 09 j 06:02                        | 15° <b>る</b> 32'32                       |             |
|                     | -709 Mar 19 j 16:51                        | 0° <b>∀</b>                          |                  | morning max el            | -708 Feb 11 j 08:39                        | 17° <b>る</b> 32'09                       | 27°36'53    |
| morning set         | -709 Apr 03 j 03:44                        | 26° <b>)</b> 32′03                   |                  |                           | -708 Feb 21 j 19:25                        | 0° <b>≈</b>                              |             |
|                     | -709 Apr 04 j 20:03                        | $0^{\circ}\Upsilon$                  |                  |                           | -708 Mar 11 j 11:47                        | 0° <b>)</b> €                            |             |
| max. Earth dist.    | -709 Apr 09 j 00:40                        | 8° <b>Y</b> 54'55                    | 1.32609 AU       | morning set               | -708 Mar 17 j 01:19                        | 10° <b>∺</b> 39'56                       |             |
|                     |  |                                      |                  | max. Earth dist.          | -708 Mar 22 j 05:14                        | 21° <b>∺</b> 14'22                       | 1.33244 AU  |
| superior conj       | -709 Apr 10 j 12:45                        | 12° <b>Y</b> 10'38                   | -0°07'08         |                           |  |  |             |
| minimum elong       | -709 Apr 10 j 13:05                        | 12° <b>Y</b> 12'26                   | 0°07'04          | superior conj             | -708 Mar 24 j 20:06                        | 26° <b>)</b> 48′02                       | -0°33'39    |
| behind sun begin    | -709 Apr 10 j 08:28                        | 11° <b>Y</b> 47'22                   |                  | minimum elong             | -708 Mar 24 j 21:42                        | 26° <b>∺</b> 56'35                       | 0°33'20     |
| behind sun end      | -709 Apr 10 j 17:41                        | 12° <b>Ƴ</b> 37'32                   |                  |                           | -708 Mar 26 j 07:53                        | $0$ ° $\mathbf{\Upsilon}$                |             |
| asc. node           | -709 Apr 11 j 04:56                        | 13° <b>Y</b> 38'44                   |                  | asc. node                 | -708 Mar 28 j 01:58                        | 3° <b>Y</b> 46'33                        |             |
| evening rise        | -709 Apr 17 j 11:40                        | 27° <b>Y</b> 13'30                   |                  | evening rise              | -708 Mar 31 j 23:19                        | 12° <b>Y</b> 04'55                       |             |
|                     | -709 Apr 18 j 19:25                        | $_{0\circ}$ 8                        |                  |                           | -708 Apr 10 j 04:19                        | $9^{\circ}$ 8                            |             |
|                     | -709 May 06 j 05:24                        | $\Pi$ $\circ 0$                      |                  | evening max el            | -708 Apr 23 j 11:25                        | 18° <b>8</b> 09'01                       | 22°57'07    |
| evening max el      | -709 May 12 j 20:16                        | 7° <b>Ⅱ</b> 33'26                    | 24°31'59         | retrograde                | -708 May 06 j 19:15                        | 24° <b>8</b> 45'26                       |             |
| desc. node          | -709 May 21 j 08:11                        | 13° <b>Ⅲ</b> 28′04                   |                  | desc. node                | -708 May 07 j 05:13                        | 24° <b>8</b> 45'03                       |             |
| retrograde          | -709 May 26 j 18:43                        | 14° <b>Ⅲ</b> 35'41                   |                  | evening set               | -708 May 10 j 03:59                        | 24° <b>8</b> 20'39                       |             |
| evening set         | -709 May 31 j 13:03                        | 13° <b>∏</b> 44'41                   |                  | min. Earth dist.          | -708 May 17 j 20:40                        | 20° <b>8</b> 56'23                       | 0.55566 AU  |
| min. Earth dist.    | -709 Jun 06 j 07:50                        | 10° <b>Ⅱ</b> 48′38                   | 0.56929 AU       | inferior conj             | -708 May 19 j 09:56                        | 20° <b>8</b> 02'33                       | -3°12'31    |
| inferior conj       | -709 Jun 09 j 02:40                        | 9° <b>Ⅱ</b> 01'14                    | -4°18'23         | minimum elong             | -708 May 19 j 02:54                        | 20° <b>8</b> 12'45                       | 3°10'38     |
| minimum elong       | -709 Jun 08 j 21:52                        | 9° <b>Ⅱ</b> 09'01                    | 4°17'41          | morning rise              | -708 May 28 j 04:14                        | 16° <b>8</b> 08'08                       |             |
| morning rise        | -709 Jun 17 j 09:31                        | 4° <b>Ⅱ</b> 55'40                    |                  | direct                    | -708 May 30 j 21:29                        | 15° <b>8</b> 50'39                       |             |
| direct              | -709 Jun 19 j 23:34                        | 4° <b>∏</b> 37'12                    |                  | morning max el            | -708 Jun 10 j 19:46                        | 20° <b>8</b> 54'50                       | 20°38'23    |
| morning max el      | -709 Jun 29 j 07:16                        | 8° <b>Ⅱ</b> 57'11                    | 19°26'15         |                           | -708 Jun 18 j 06:20                        | $\Pi^{\circ}0$                           |             |
| asc. node           | -709 Jul 08 j 04:13                        | 20° <b>Ⅱ</b> 44′09                   |                  | asc. node                 | -708 Jun 24 j 01:15                        | 9° <b>Ⅱ</b> 46'11                        |             |
|                     | -709 Jul 13 j 06:43                        | 0ം <b>ഇ</b>                          |                  | morning set               | -708 Jun 29 j 20:01                        | 21° <b>Ⅱ</b> 08'09                       |             |
| morning set         | -709 Jul 16 j 14:01                        | 6° <b>©</b> 29'49                    |                  | . <i>G</i>                | -708 Jul 04 j 02:59                        | 0ಂತ                                      |             |
| 3                   |  |                                      |                  |                           | ,  |  |             |
| superior conj       | -709 Jul 24 j 16:37                        | 22°5541'00                           | 1°47'29          | superior conj             | -708 Jul 07 j 10:05                        | 6°9346'54                                | 1°42'33     |
| minimum elong       | -709 Jul 24 j 16:23                        | 22°539'56                            | 1°47'30          | minimum elong             | -708 Jul 07 j 08:27                        | 6°538'33                                 |             |
|                     | -709 Jul 28 j 11:43                        | 0° <b>N</b>                          |                  | max. Earth dist.          | -708 Jul 12 j 03:19                        | 16°912'27                                | 1.36005 AU  |
| max. Earth dist.    | -709 Jul 30 j 19:54                        | 4° <b>Ω</b> 22'39                    | 1.37810 AU       | evening rise              | -708 Jul 16 j 05:37                        | 24°900'59                                | 1.50000 110 |
| evening rise        | -709 Aug 03 j 15:16                        | 11° <b>Ω</b> 15'45                   | -10,010110       |                           | -708 Jul 19 j 12:24                        | 0°N                                      |             |
|                     | -709 Aug 14 j 21:24                        | 0° m)                                |                  | desc. node                | -708 Aug 03 j 04:35                        | 23° <b>£</b> 51'40                       |             |
| desc. node          | -709 Aug 17 j 07:34                        | 3° <b>m</b> 44'18                    |                  | desc. node                | -708 Aug 07 j 11:56                        | 0°m                                      |             |
| desc. node          | -709 Sep 06 j 00:51                        | 0∘ <b>ত</b>                          |                  | evening max el            | -708 Aug 20 j 22:14                        | 16° mp 05'30                             | 26°14'42    |
| evening max el      | -709 Sep 08 j 10:44                        | 2° <b>£</b> 29'39                    | 25°08'23         | retrograde                | -708 Sep 02 j 13:44                        | 23° m/ 15'10                             | 20 11 12    |
| retrograde          | -709 Sep 20 j 06:43                        | 9° <b>£</b> 20'33                    | 23 00 23         | evening set               | -708 Sep 08 j 23:11                        | 20° m) 34'46                             |             |
| evening set         | -709 Sep 26 j 01:49                        | 6° <b>£</b> 53'31                    |                  | min. Earth dist.          | -708 Sep 13 j 03:04                        | •  | 0.66384 AU  |
| min. Earth dist.    | -709 Sep 30 j 13:35                        |                                      | 0.67124 AU       | inferior conj             | -708 Sep 14 j 13:59                        | 14° Mp 20'37                             |             |
| inferior conj       | -709 Oct 01 j 12:53                        | 0° <b>£</b> 33'51                    |                  | minimum elong             | -708 Sep 14 j 16:42                        | 14° Mp 12'11                             |             |
| minimum elong       | -709 Oct 01 j 12:33                        | 0° <b>₽</b> 29'29                    |                  | morning rise              | -708 Sep 20 j 10:33                        | 8° Mp 30'42                              | 1 40 04     |
| minimum clong       | -709 Oct 01 j 14:13                        | 0 <b>==</b> 2929<br>30°R, <b>m</b> ) | 0 33 03          | asc. node                 | -708 Sep 20 j 10.33                        | 8° Mp 46'26                              |             |
| asc. node           | -709 Oct 01 j 23:13                        | วบหามู<br>27°M) 18'41                |                  | direct                    |  | 7° Mp 35'51                              |             |
| morning rise        | -709 Oct 04 j 03:24<br>-709 Oct 07 j 02:43 | -                                    |                  | morning max el            | -708 Sep 23 j 12:56<br>-708 Sep 30 j 08:57 | 11°Mp24'44                               | 18°50'50    |
| •                   | ·  | 24° m 33'35                          |                  | morning max er            |  | 0° <b>₽</b>                              | 18 30 30    |
| direct              | -709 Oct 10 j 14:43                        | 23° Mp 22'46                         | 10042111         |                           | -708 Oct 13 j 18:21                        |  |             |
| morning max el      | -709 Oct 18 j 00:14                        | 27° <b>M</b> 36′28<br>0° <b>⊆</b>    | 19°43'11         | morning set<br>desc. node | -708 Oct 21 j 20:46                        | 12° <b>Ω</b> 46'44<br>25° <b>Ω</b> 52'06 |             |
|                     | -709 Oct 20 j 04:32                        |                                      |                  | desc. node                | -708 Oct 30 j 03:54                        |  |             |
| . ,                 | -709 Nov 09 j 21:54                        | 0°M,                                 |                  | E 41 E 4                  | -708 Nov 01 j 18:57                        | 0°M                                      | 1 44020 ATT |
| morning set         | -709 Nov 12 j 06:13                        | 3°M37'36                             |                  | max. Earth dist.          | -708 Nov 06 j 07:50                        | 7° <b>M</b> 08'04                        | 1.44930 AU  |
| desc. node          | -709 Nov 13 j 06:52                        | 5°M13'04                             | 1 44220 411      |                           | 700 N 07:04 02                             | 00 <b>m 2512.</b> 4                      | 0050140     |
| max. Earth dist.    | -709 Nov 24 j 14:32                        | 22°M57'53                            | 1.44239 AU       | superior conj             | -708 Nov 07 j 04:02                        | 8°M27'34                                 |             |
|                     |  |                                      |                  | minimum elong             | -708 Nov 06 j 21:41                        | 8°M02'33                                 | 0°49'52     |
| superior conj       | -709 Nov 28 j 23:25                        | 29°M57'26                            |                  |                           | -708 Nov 20 j 17:21                        | 0° <b>∡</b>                              |             |
| minimum elong       | -709 Nov 28 j 15:34                        | 29° <b>™</b> 25'49                   | 1°30'33          | evening rise              | -708 Nov 22 j 17:09                        | 3° <b>∡</b> 12'27                        |             |
|                     | -709 Nov 29 j 00:03                        | 0° <b>₹</b>                          |                  |                           | -708 Dec 09 j 22:10                        | 0°₹                                      |             |
| evening rise        | -709 Dec 12 j 16:59                        | 22° <b>∡</b> 740′02                  |                  | evening max el            | -708 Dec 13 j 18:04                        | 4°る35'25                                 | 18°47'51    |
|                     | -709 Dec 17 j 00:55                        | 0° <b>ろ</b>                          |                  | asc. node                 | -708 Dec 16 j 23:43                        | 7° <b>る</b> 16'54                        |             |
| asc. node           | -709 Dec 31 j 02:39                        | 21° <b>ろ</b> 00'48                   |                  | retrograde                | -708 Dec 20 j 12:10                        | 8° <b>る</b> 23'40                        |             |
| evening max el      | -709 Dec 31 j 06:50                        | 21° <b>る</b> 11'32                   | 18°18'45         | evening set               | -708 Dec 23 j 15:57                        | 7° <b>る</b> 26'42                        |             |
| retrograde          | -708 Jan 06 j 18:55                        | 24° <b>る</b> 42'55                   |                  | inferior conj             | -708 Dec 29 j 10:02                        | 1° <b>る</b> 44'43                        |             |
| evening set         | -708 Jan 09 j 17:16                        | 23° <b>る</b> 57'02                   |                  | minimum elong             | -708 Dec 29 j 07:26                        | 1° <b>る</b> 52'40                        | 3°23'49     |
| inferior conj       | -708 Jan 15 j 18:37                        | 18° <b>る</b> 32'36                   | 3°46'04          |                           | -708 Dec 30 j 20:13                        | 30°₹ <b>҂</b> 7                          |             |
| minimum elong       | -708 Jan 15 j 17:00                        | 18° <b>る</b> 37'07                   | 3°45'54          | min. Earth dist.          | -708 Dec 31 j 03:35                        | 29° <b>х </b> 37'43                      | 0.65206 AU  |
| min. Earth dist.    | -708 Jan 18 j 03:27                        | 15° <b>る</b> 54'05                   | 0.63687 AU       | morning rise              | -707 Jan 03 j 22:35                        | 25° <b>х</b> 36′28                       |             |
| morning rise        | -708 Jan 21 j 16:07                        | 12° <b>る</b> 30'37                   |                  | direct                    | -707 Jan 10 j 14:36                        | 22° <b>∡</b> ⁴44'40                      |             |
| direct              | -708 Jan 28 j 15:34                        | 9° <b>る</b> 42'52                    |                  |                           | -707 Jan 23 j 08:20                        | 0°ರ                                      |             |
|                     |  |                                      |                  |                           |  |  |             |

| •                        | inella of Mercury                          |  | •                 |                          | 901 BCE in historical cou                  |  | ge 104      |
|--------------------------|--|--|-------------------|--------------------------|--|--|-------------|
| morning max el           | -707 Jan 23 j 18:25                        | ne year -900 m<br>0° <b>る</b> 24'59                  |                   | minimum elong            | -707 Dec 13 j 05:56                        | 15° <b>√</b> 19'11                     | 2°50'45     |
| desc. node               | -707 Jan 26 j 03:05                        | 0 02439<br>2° <b>る</b> 53'48                         | 20 33 33          | min. Earth dist.         | -707 Dec 14 j 12:17                        | 13° <b>х</b> 1911                      | 0.66347 AU  |
| desc. Hode               | -707 Feb 14 j 19:00                        | 2 <b>3</b> 3 48 0° <b>≈</b>                          |                   | morning rise             | -707 Dec 14 j 12.17                        | 8° <b>×</b> 57'45                      | 0.00347 AU  |
| morning set              | -707 Feb 14 j 19:00<br>-707 Feb 28 j 12:51 | 0 ≈<br>24°≈13'13                                     |                   | direct                   | -707 Dec 24 j 19:45                        | 6° <b>₹</b> 14'16                      |             |
| morning set              | -707 Mar 03 j 11:53                        | 24 ≈13 13<br>0° <b>H</b>                             |                   | morning max el           | -706 Jan 06 j 03:44                        | 13°×732'46                             | 25040155    |
| max. Earth dist.         | ,  |  | 1.34304 AU        | desc. node               | -706 Jan 13 j 00:09                        | 21° 🖈 19'33                            | 23 48 33    |
| max. Earm dist.          | -707 Mar 04 j 23:54                        | 3 X00 18   | 1.54504 AU        | desc. node               | -706 Jan 19 j 13:06                        | 21 <b>メ</b> ・1933                      |             |
| superior conj            | -707 Mar 08 j 22:20                        | 11° <b>₩</b> 05'06                                   | 0°50'51           |                          | -706 Feb 07 j 12:48                        | 0°≈                                    |             |
| minimum elong            | -707 Mar 08 j 22.20                        | 11° <b>X</b> 19'38                                   |                   | morning set              | -706 Feb 11 j 09:57                        | 0 ≈<br>6°≈58'44                        |             |
| asc. node                | -707 Mar 14 j 23:02                        | 23°\(\frac{1}{4}6'36                                 | 0 3921            | max. Earth dist.         | -706 Feb 15 j 06:32                        | 14°≈13'09                              | 1.35817 AU  |
| evening rise             | -707 Mar 14 j 23.02                        | 26°\(\frac{4}{4}5'46\)                               |                   | max. Earm dist.          | -700 Feb 15 J 00.32                        | 14 ≈13 09                              | 1.33617 AU  |
| evening rise             | -707 Mar 10 j 09:18                        | 20 <b>γ</b> (43 40                                   |                   | superior conj            | -706 Feb 20 j 16:51                        | 24°≈54'06                              | -1°24'10    |
| evening max el           | -707 Apr 05 j 08:19                        | 28° <b>Υ</b> 56'20                                   | 21°25'52          | minimum elong            | -706 Feb 20 j 20:27                        | 25°≈12'16                              |             |
| evening max er           | -707 Apr 06 j 12:02                        | 0°8  | 21 23 32          | minimum ciong            | -706 Feb 23 j 05:07                        | 0° <b>∀</b>                            | 1 2337      |
| retrograde               | -707 Apr 17 j 10:21                        | 4° <b>8</b> 48'35                                    |                   | evening rise             | -706 Feb 28 j 15:35                        | 11° <b>)</b> (09'17                    |             |
| evening set              | -707 Apr 19 j 20:16                        | 4° <b>8</b> 35'16                                    |                   | asc. node                | -706 Mar 01 j 20:05                        | 13° <b>¥</b> 33'52                     |             |
| desc. node               | -707 Apr 17 j 20:10                        | 3° <b>8</b> 14'19                                    |                   | asc. node                | -706 Mar 10 j 17:26                        | 0° <b>Υ</b>                            |             |
| inferior conj            | -707 Apr 29 j 05:24                        | 0° <b>8</b> 34'29                                    | -1°27'07          | evening max el           | -706 Mar 18 j 15:43                        | 10° <b>Υ</b> 16'13                     | 20°08'11    |
| minimum elong            | -707 Apr 29 j 01:20                        | 0° <b>8</b> 40'11                                    |                   | retrograde               | -706 Mar 29 j 01:18                        | 15° <b>Υ</b> 15'08                     | 20 00 11    |
| min. Earth dist.         | -707 Apr 29 j 09:43                        |  | 0.55017 AU        | evening set              | -706 Mar 31 j 04:29                        | 15° <b>Υ</b> 03'28                     |             |
| mm. Latin dist.          | -707 Apr 30 j 06:01                        | 30°RΥ  | 0.55017 710       | inferior conj            | -706 Apr 09 j 02:42                        | 11° <b>Υ</b> 04'29                     | 0°31'33     |
| morning rise             | -707 May 08 j 06:56                        | 26° <b>Y</b> 34'15                                   |                   | minimum elong            | -706 Apr 09 j 04:06                        | 11° <b>Υ</b> 02'23                     | 0°31'04     |
| direct                   | -707 May 11 j 08:24                        | 26°Υ13'49  |                   | desc. node               | -706 Apr 10 j 23:17                        | 9° <b>Υ</b> 57'47                      | 0 31 04     |
| direct                   | -707 May 21 j 07:23                        | 0°8  |                   | min. Earth dist.         | -706 Apr 10 j 23:50                        | 9° <b>Υ</b> 56'59                      | 0.55427 AU  |
| morning max el           | -707 May 23 j 21:32                        | 2° <b>8</b> 10'53                                    | 22°08'08          | morning rise             | -706 Apr 18 j 01:47                        | 6° <b>Υ</b> 39'48                      | 0.33427 AC  |
| asc. node                | -707 Jun 10 j 22:19                        | 29° <b>8</b> 14'52                                   | 22 00 00          | direct                   | -706 Apr 21 j 22:17                        | 6° <b>Υ</b> 07'15                      |             |
| asc. node                | -707 Jun 11 j 07:23                        | 0°II   |                   | morning max el           | -706 May 05 j 15:04                        | 12° <b>Υ</b> 53'09                     | 23°47'58    |
| morning set              | -707 Jun 14 j 05:48                        | 5° <b>∏</b> 59'47                                    |                   | morning max ci           | -706 May 18 j 16:42                        | 0°8                                    | 23 47 30    |
| morning sec              | 7073411 111 02.10                          | 3 1237 17  |                   | asc. node                | -706 May 28 j 19:22                        | 19° <b>8</b> 02'17                     |             |
| superior conj            | -707 Jun 21 j 11:50                        | 21° <b>Ⅱ</b> 19'03                                   | 1°31'21           | morning set              | -706 May 29 j 17:29                        | 20° <b>8</b> 57'48                     |             |
| minimum elong            | -707 Jun 21 j 09:28                        | 21° <b>I</b> 106'33                                  | 1°31'07           | morning sec              | -706 Jun 02 j 22:55                        | 0°Ⅱ                                    |             |
| max. Earth dist.         | -707 Jun 24 j 19:15                        | 28° <b>I</b> I1'46                                   | 1.34533 AU        |                          | 700 tun 02 j 22.00                         | · <b>-</b>                             |             |
|                          | -707 Jun 25 j 16:28                        | 0ಂತಾ   |                   | superior conj            | -706 Jun 05 j 18:58                        | 6° <b>Ⅱ</b> 07'22                      | 1°15'19     |
| evening rise             | -707 Jun 29 j 12:05                        | 7° <b>9</b> 35'01                                    |                   | minimum elong            | -706 Jun 05 j 16:27                        | 5° <b>Ⅱ</b> 53'51                      | 1°14'57     |
| C                        | -707 Jul 12 j 02:15                        | $0^{\circ}\Omega$                                    |                   | max. Earth dist.         | -706 Jun 07 j 20:34                        | 10° <b>Ⅲ</b> 32'52                     | 1.33450 AU  |
| desc. node               | -707 Jul 21 j 01:37                        | 13° <b>Ω</b> 33'47                                   |                   | evening rise             | -706 Jun 13 j 06:06                        | 21° <b>Ⅱ</b> 43'58                     |             |
| evening max el           | -707 Aug 03 j 09:59                        | 29° <b>Ω</b> 35′01                                   | 27°02'26          |                          | -706 Jun 17 j 11:52                        | 0°€                                    |             |
|                          | -707 Aug 03 j 20:29                        | 0° <b>m</b> p  |                   |                          | -706 Jul 05 j 22:44                        | $0$ $^{\circ}\Omega$                   |             |
| retrograde               | -707 Aug 16 j 15:42                        | 6° Mp 54′01  |                   | desc. node               | -706 Jul 07 j 22:38                        | 2° <b>Ω</b> 38'53                      |             |
| evening set              | -707 Aug 23 j 12:56                        | 4° <b>ዀ</b> 07'37                                    |                   | evening max el           | -706 Jul 16 j 20:54                        | 12° <b>Ω</b> 46'41                     | 27°24'36    |
| min. Earth dist.         | -707 Aug 27 j 09:36                        | 0° Mp 18′38  | 0.65283 AU        | retrograde               | -706 Jul 30 j 11:54                        | 20° <b>Ω</b> 07'19                     |             |
|                          | -707 Aug 27 j 16:13                        | 30° <b>₹Ω</b>  |                   | evening set              | -706 Aug 06 j 15:58                        | 17° <b>Ω</b> 25'59                     |             |
| inferior conj            | -707 Aug 29 j 09:15                        | 28° <b>Ω</b> 02'31                                   | -2°42'57          | min. Earth dist.         | -706 Aug 10 j 07:15                        | 14° <b>Ω</b> 11'06                     | 0.63814 AU  |
| minimum elong            | -707 Aug 29 j 13:10                        | 27° <b>Ω</b> 51'16                                   | 2°41'36           | inferior conj            | -706 Aug 12 j 20:08                        | 11° <b>Ω</b> 33'24                     | -3°32'16    |
| morning rise             | -707 Sep 04 j 14:03                        | 22° <b>Ω</b> 26′02                                   |                   | minimum elong            | -706 Aug 13 j 00:43                        | 11° <b>Ω</b> 21'30                     | 3°31'03     |
| asc. node                | -707 Sep 06 j 21:31                        | 21° <b>Ω</b> 44'51                                   |                   | morning rise             | -706 Aug 19 j 10:27                        | 6° <b>Ω</b> 13'24                      |             |
| direct                   | -707 Sep 07 j 09:12                        | 21° <b>Ω</b> 43'33                                   |                   | direct                   | -706 Aug 22 j 00:49                        | 5° <b>Ω</b> 39'55                      |             |
| morning max el           | -707 Sep 13 j 22:27                        | 25° <b>Ω</b> 16'51                                   | 18°14'50          | asc. node                | -706 Aug 24 j 18:34                        | 6° <b>Ω</b> 17'32                      |             |
|                          | -707 Sep 17 j 21:01                        | O° Mp  |                   | morning max el           | -706 Aug 28 j 13:59                        | 9° <b>Ω</b> 05'57                      | 17°56'09    |
| morning set              | -707 Oct 02 j 15:30                        | 23° <b>m</b> 19'57                                   |                   |                          | -706 Sep 11 j 12:59                        | O° <b>m</b> y                          |             |
|                          | -707 Oct 06 j 17:03                        | 0∘ <b>ত</b>  |                   | morning set              | -706 Sep 14 j 12:37                        | 5° <b>™</b> 09'08                      |             |
|                          | 707.0 : 17:0:0:                            | 160 2 565  | 0001124           |                          | 70/ G 27:02.01                             | 0.00m.00115                            | 0044102     |
| superior conj            | -707 Oct 17 j 06:02                        | 16° <b>£</b> 56'57                                   |                   | superior conj            | -706 Sep 27 j 02:06                        | 26° m/22'12                            | 0°44'02     |
| minimum elong            | -707 Oct 17 j 05:51                        | 16° <b>£</b> 56'14                                   | 0°01′23           | minimum elong            | -706 Sep 27 j 06:31                        | 26° m/40'18                            | 0°43'27     |
| behind sun begin         | -707 Oct 16 j 18:52                        | 16° <b>£</b> 12'39                                   |                   | n d r                    | -706 Sep 29 j 07:30                        | 0° <b>™</b>                            | 1 44104 477 |
| behind sun end           | -707 Oct 17 j 16:50                        | 17° <b>£</b> 39'46                                   |                   | max. Earth dist.         | -706 Oct 02 j 19:22                        | 5° <b>£</b> 37'29                      | 1.44124 AU  |
| desc. node               | -707 Oct 17 j 00:58                        | 16° <b>£</b> 36'51                                   | 1 44006 411       | desc. node               | -706 Oct 03 j 22:01                        | 7° <b>£</b> 23'39                      |             |
| max. Earth dist.         | -707 Oct 20 j 02:27                        | 21° <b>Ω</b> 27'17                                   | 1.44886 AU        | evening rise             | -706 Oct 13 j 02:24                        | 21° <b>Ω</b> 45'26                     |             |
| ovenina rica             | -707 Oct 25 j 13:06                        | 0°M<br>12° <b>m</b> 47'45                            |                   |                          | -706 Oct 18 j 11:38                        | 0° <b>M</b><br>0° <b>⊀</b>             |             |
| evening rise             | -707 Nov 02 j 17:52                        | 12°M47'45  |                   | avani                    | -706 Nov 08 j 18:48                        |  | 2002 4100   |
| aranta-t l:11            | -707 Nov 13 j 20:31                        | 0° <b>⊼</b><br>1°. <b>⊼</b> 1256                     | 0.7               | evening max el           | -706 Nov 10 j 04:24                        | 1°×30'31                               | 20°34'09    |
| greatest brilliancy      | -707 Nov 14 j 15:58                        | 1° <b>₹</b> 13'56<br>18° <b>₹</b> 02'17              | -0.7m<br>19°33'40 | retrograde<br>asc. node  | -706 Nov 18 j 06:28                        | 6° <b>₹</b> 16'56<br>5° <b>₹</b> 42'02 |             |
| evening max el asc. node | -707 Nov 27 j 01:47<br>-707 Dec 03 j 20:46 | 18°×'02'17<br>22°× <b>7</b> 14'43                    | 17 33 40          | asc. node<br>evening set | -706 Nov 20 j 17:47<br>-706 Nov 22 j 02:25 | 5°×'42'02<br>4°× <b>7</b> 52'22        |             |
| retrograde               | -707 Dec 03 j 20:46<br>-707 Dec 04 j 08:52 | 22° <b>×</b> 14 43<br>22° <b>×</b> 16'09             |                   | evening set              | -706 Nov 26 j 13:56                        | 30°RM                                  |             |
| evening set              | -707 Dec 04 j 08.32                        | 22 <b>x</b> ·1609<br>21° <b>x</b> <sup>7</sup> 06′26 |                   | inferior conj            | -706 Nov 26 j 13:36<br>-706 Nov 27 j 12:21 | 28°M44'23                              | 2°10'41     |
| inferior conj            | -707 Dec 07 j 19:43                        | 21 <b>x</b> 00 20<br>15° <b>x</b> 09'51              | 2°51'33           | minimum elong            | -706 Nov 27 j 12.21<br>-706 Nov 27 j 09:48 | 28°M53'04                              |             |
| microi conj              | , 0, 100 15 J 00.70                        | 15 🗡 07 51   | <u> </u>          | mminum ciong             | 700 1101 27 J 07.70                        | 20 11033 04                            | 2 07 40     |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 105 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: The | he year -900 in     |            | nting style is the year | 901 BCE in historical cou | nting style.            |            |
|---------------------|------------------------------|---------------------|------------|-------------------------|---------------------------|-------------------------|------------|
| min. Earth dist.    | -706 Nov 28 j 03:18          | 27°M53'36           | 0.67113 AU | min. Earth dist.        | -705 Nov 11 j 22:16       | 12°M12'09               | 0.67530 AU |
| morning rise        | -706 Dec 02 j 16:59          | 22°M30'41           |            | morning rise            | -705 Nov 16 j 23:09       | 6° <b>M</b> ₊11'53      |            |
| direct              | -706 Dec 08 j 06:14          | 20°M04'13           |            | direct                  | -705 Nov 21 j 21:09       | 4° <b>II</b> L07'01     |            |
| morning max el      | -706 Dec 19 j 12:05          | 26° <b>M</b> ₊46'40 | 24°26'49   | morning max el          | -705 Dec 01 j 21:37       | 10° <b>M</b> ₀04'17     | 22°59'13   |
|                     | -706 Dec 22 j 12:04          | 0° <b>∡</b> ¹       |            | desc. node              | -705 Dec 17 j 18:16       | 0° <b>≯</b> 14'46       |            |
| desc. node          | -706 Dec 30 j 21:14          | 10° <b>∡</b> ³31′09 |            |                         | -705 Dec 17 j 14:09       | 0° <b>∡</b> ¹           |            |
|                     | -705 Jan 13 j 04:15          | ව°0                 |            | morning set             | -704 Jan 05 j 09:29       | 29° <b>∡</b> ′02′13     |            |
| morning set         | -705 Jan 24 j 10:57          | 18° <b>ප්</b> 40'39 |            |                         | -704 Jan 05 j 23:23       | 0°₹                     |            |
| max. Earth dist.    | -705 Jan 28 j 03:39          | 25° <b>ට</b> 15'23  | 1.37728 AU | max. Earth dist.        | -704 Jan 09 j 23:04       | 6° <b>る</b> 45'13       | 1.39844 AU |
|                     | -705 Jan 30 j 17:41          | 0° <b>≈</b>         |            |                         |                           |                         |            |
|                     |                              |                     |            | superior conj           | -704 Jan 17 j 16:35       | 20° <b>る</b> 29'52      | -1°57'45   |
| superior conj       | -705 Feb 04 j 00:25          | 8° <b>≈</b> 06'24   | -1°44'27   | minimum elong           | -704 Jan 17 j 18:42       | 20° <b>る</b> 39'34      | 1°57'40    |
| minimum elong       | -705 Feb 04 j 04:00          | 8° <b>≈</b> 23'44   | 1°44'07    |                         | -704 Jan 22 j 18:44       | 0° <b>≈</b>             |            |
| evening rise        | -705 Feb 12 j 15:52          | 25° <b>≈</b> 09'11  |            | evening rise            | -704 Jan 27 j 07:16       | 8° <b>≈</b> 37'43       |            |
|                     | -705 Feb 15 j 03:02          | 0° <b>ℋ</b>         |            | asc. node               | -704 Feb 03 j 14:09       | 22° <b>≈</b> 07'44      |            |
| asc. node           | -705 Feb 16 j 17:08          | 3° <b>∺</b> 03′13   |            |                         | -704 Feb 08 j 13:34       | 0° <b>∀</b>             |            |
| evening max el      | -705 Mar 01 j 10:08          | 22° <b>ℋ</b> 14'16  | 19°08'50   | evening max el          | -704 Feb 12 j 13:22       | 4° <b>) (</b> 44′37     | 18°29'23   |
| retrograde          | -705 Mar 10 j 04:29          | 26° <b>₩</b> 26'52  |            | retrograde              | -704 Feb 20 j 02:28       | 8° <b>∺</b> 26'45       |            |
| evening set         | -705 Mar 12 j 10:37          | 26° <b>∺</b> 11'22  |            | evening set             | -704 Feb 22 j 13:32       | 8° <b>∺</b> 04'24       |            |
| inferior conj       | -705 Mar 20 j 14:43          | 21° <b>¥</b> 59'46  | 2°11'05    | inferior conj           | -704 Feb 29 j 23:20       | 3° <b>¥</b> 32'56       | 3°15'46    |
| minimum elong       | -705 Mar 20 j 19:04          | 21° <b>∺</b> 52'18  | 2°09'50    | minimum elong           | -704 Mar 01 j 03:04       | 3° <b>∺</b> 25′26       | 3°15'03    |
| min. Earth dist.    | -705 Mar 23 j 15:15          | 19° <b>¥</b> 56'37  | 0.56707 AU | min. Earth dist.        | -704 Mar 04 j 09:31       | 0° <b>¥</b> 50′09       | 0.58567 AU |
| desc. node          | -705 Mar 28 j 20:19          | 17° <b>₩</b> 06'59  |            |                         | -704 Mar 05 j 12:54       | 30° <b>R</b> ≈          |            |
| morning rise        | -705 Mar 29 j 00:35          | 17° <b>₩</b> 02'52  |            | morning rise            | -704 Mar 08 j 14:06       | 28° <b>≈</b> 07'38      |            |
| direct              | -705 Apr 03 j 00:21          | 16° <b>)</b> 04'44  |            | direct                  | -704 Mar 14 j 15:26       | 26° <b>≈</b> 33'22      |            |
| morning max el      | -705 Apr 17 j 05:42          | 23° <b>∺</b> 23'39  | 25°25'15   | desc. node              | -704 Mar 14 j 17:22       | 26° <b>≈</b> 33'23      |            |
|                     | -705 Apr 23 j 04:06          | $0$ ° $\Upsilon$    |            |                         | -704 Mar 24 j 00:03       | 0° <b>∀</b>             |            |
|                     | -705 May 11 j 08:14          | 0°8                 |            | morning max el          | -704 Mar 28 j 23:18       | 4° <b>₩</b> 10'34       | 26°44'47   |
| morning set         | -705 May 14 j 05:23          | 5° <b>8</b> 56'43   |            |                         | -704 Apr 16 j 19:07       | $0$ ° $\gamma$          |            |
| asc. node           | -705 May 15 j 16:25          | 9° <b>8</b> 02'41   |            | morning set             | -704 Apr 27 j 15:52       | 20° <b>Ƴ</b> 50′24      |            |
|                     |                              |                     |            | asc. node               | -704 May 01 j 13:28       | 29° <b>Y</b> 10'40      |            |
| superior conj       | -705 May 21 j 05:17          | 21° <b>8</b> 04'28  | 0°55'28    |                         | -704 May 01 j 22:32       | $9^{\circ}$ 8           |            |
| minimum elong       | -705 May 21 j 03:08          | 20° <b>8</b> 52'43  | 0°55'06    |                         |                           |                         |            |
| max. Earth dist.    | -705 May 22 j 05:14          | 23° <b>8</b> 15'01  | 1.32750 AU | superior conj           | -704 May 04 j 16:57       | 6° <b>8</b> 03'39       | 0°32'43    |
|                     | -705 May 25 j 08:20          | $\Pi^{\circ}0$      |            | minimum elong           | -704 May 04 j 15:33       | 5° <b>8</b> 55'58       | 0°32'26    |
| evening rise        | -705 May 28 j 08:13          | 6° <b>Ⅱ</b> 16'57   |            | max. Earth dist.        | -704 May 04 j 17:45       | 6° <b>8</b> 08'03       | 1.32409 AU |
|                     | -705 Jun 10 j 01:24          | 0ං <b>ම</b>         |            | evening rise            | -704 May 11 j 15:40       | 21° <b>8</b> 04'25      |            |
| desc. node          | -705 Jun 24 j 19:37          | 20° <b>©</b> 51'35  |            |                         | -704 May 16 j 01:12       | $\Pi$ $^{\circ}0$       |            |
| evening max el      | -705 Jun 29 j 04:45          | 25° <b>©</b> 27'53  | 27°15'43   |                         | -704 Jun 03 j 14:05       | 0°€                     |            |
|                     | -705 Jul 04 j 20:39          | $0^{\circ}\Omega$   |            | evening max el          | -704 Jun 10 j 06:54       | 7° <b>5</b> 27'11       | 26°33'47   |
| retrograde          | -705 Jul 13 j 01:24          | 2° <b>Ω</b> 46′02   |            | desc. node              | -704 Jun 10 j 16:36       | 7° <b>©</b> 50'05       |            |
| evening set         | -705 Jul 20 j 04:25          | 0° <b>Ω</b> 23'17   |            | retrograde              | -704 Jun 24 j 06:57       | 14° <b>5</b> 642'20     |            |
|                     | -705 Jul 20 j 18:05          | 30° <b>₹</b> 5      |            | evening set             | -704 Jun 30 j 21:49       | 12° <b>©</b> 51'02      |            |
| min. Earth dist.    | -705 Jul 23 j 18:43          |                     | 0.62015 AU | min. Earth dist.        | -704 Jul 04 j 20:08       | 10° <b>©</b> 12'59      | 0.59991 AU |
| inferior conj       | -705 Jul 26 j 19:38          | 24°5546'21          | -4°12'45   | inferior conj           | -704 Jul 08 j 04:14       | 7° <b>©</b> 32'27       | -4°37'27   |
| minimum elong       | -705 Jul 26 j 23:46          | 24° <b>©</b> 36'50  | 4°12'01    | minimum elong           | -704 Jul 08 j 06:07       | 7° <b>5</b> 28'38       | 4°37'19    |
| morning rise        | -705 Aug 02 j 20:30          | 19° <b>5</b> 46'00  |            | morning rise            | -704 Jul 15 j 16:23       | 2° <b>9</b> 54'20       |            |
| direct              | -705 Aug 05 j 08:35          | 19° <b>©</b> 18'44  |            | direct                  | -704 Jul 18 j 04:18       | 2° <b>©</b> 31'22       |            |
| asc. node           | -705 Aug 11 j 15:38          | 22° <b>©</b> 14'45  |            | morning max el          | -704 Jul 25 j 15:44       | 6° <b>ॐ</b> 08'45       | 18°14'47   |
| morning max el      | -705 Aug 12 j 04:42          | 22°5945'37          | 17°55'44   | asc. node               | -704 Jul 28 j 12:42       | 9° <b>5</b> 21'38       |            |
|                     | -705 Aug 17 j 20:38          | $0 {\circ} \Omega$  |            |                         | -704 Aug 09 j 20:03       | $0$ $^{\circ}$ $\Omega$ |            |
| morning set         | -705 Aug 28 j 06:17          | 17° <b>Ω</b> 57'16  |            | morning set             | -704 Aug 10 j 15:01       | 1° <b>Ω</b> 29'36       |            |
|                     | -705 Sep 03 j 23:20          | 0° <b>m</b> )       |            |                         |                           |                         |            |
|                     |                              |                     |            | superior conj           | -704 Aug 20 j 02:06       | 19° <b>Ω</b> 09'26      | 1°38'04    |
| superior conj       | -705 Sep 08 j 01:19          | 7° <b>m</b> 07'35   | 1°17'41    | minimum elong           | -704 Aug 20 j 05:15       | 19° <b>Ω</b> 23'43      | 1°37'51    |
| minimum elong       | -705 Sep 08 j 06:16          | 7° <b>m</b> 28'53   | 1°17'10    |                         | -704 Aug 26 j 05:09       | 0° <b>m</b> y           |            |
| max. Earth dist.    | -705 Sep 15 j 08:20          | 19° <b>m</b> 22'34  | 1.42751 AU | max. Earth dist.        | -704 Aug 27 j 16:05       | 2° <b>m</b> 29'38       | 1.40941 AU |
| desc. node          | -705 Sep 20 j 19:01          | 28° <b>m</b> 08'59  |            | evening rise            | -704 Sep 01 j 13:50       | 10° <b>m</b> 40'39      |            |
|                     | -705 Sep 21 j 23:08          | 0∘ <b>⊽</b>         |            | desc. node              | -704 Sep 06 j 16:00       | 18° <b>m</b> 49'49      |            |
| evening rise        | -705 Sep 22 j 11:24          | 0° <b>ჲ</b> 48'12   |            |                         | -704 Sep 13 j 23:30       | 0∘ <b>ত</b>             |            |
|                     | -705 Oct 12 j 02:02          | 0°M₊                |            | evening max el          | -704 Oct 05 j 16:47       | 28° <b>≏</b> 28'37      | 23°04'55   |
| evening max el      | -705 Oct 24 j 01:12          | 14°M58'52           | 21°46'06   |                         | -704 Oct 07 j 06:50       | $0^{\circ}$ M           |            |
| retrograde          | -705 Nov 02 j 02:58          | 20°M22'29           |            | retrograde              | -704 Oct 15 j 21:00       | 4° <b>M</b> 30′29       |            |
| evening set         | -705 Nov 06 j 10:10          | 18°M41'00           |            | evening set             | -704 Oct 20 j 17:18       | 2°M30'45                |            |
| asc. node           | -705 Nov 07 j 14:50          | 17°M36'22           |            |                         | -704 Oct 23 j 03:51       | 30°Ŗ <b>죠</b>           |            |
| inferior conj       | -705 Nov 11 j 18:34          | 12°M24'56           |            | asc. node               | -704 Oct 24 j 11:53       | 28° <b>≏</b> 18'26      |            |
| minimum elong       | -705 Nov 11 j 16:44          | 12°M31'13           | 1°23'00    | inferior conj           | -704 Oct 26 j 01:36       | 26° <b>≏</b> 10'08      | 0°32'26    |
|                     |                              |                     |            |                         |                           |                         |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -704 Oct 26 i 00:51 26°**△**12'45 0°32'06 minimum elong -703 Oct 10 j 08:17 9°**£**56'01 0°21'31 minimum elong -704 Oct 25 i 18:47 26°**△**33'35 0.67623 AU -703 Oct 11 i 08:57 8°**£**34'01 min Earth dist asc node -704 Oct 31 j 08:18 20°**₽**00'01 -703 Oct 15 j 18:28 3°**£**53'07 morning rise morning rise -704 Nov 04 j 15:43 -703 Oct 19 j 12:52 2°**£**31'49 direct 18°**£**17'46 direct -704 Nov 13 j 11:57 23°**£**29'32 -703 Oct 27 j 09:27 7°**♀**04'25 morning max el 21°34'52 morning max el 20°20'07 -704 Nov 19 j 03:14 -703 Nov 13 j 10:18 0°M 0°M -704 Dec 03 j 15:18 desc. node  $20^{\circ}$ M $_{2}1'28$ desc. node -703 Nov 20 j 12:20 10°M44'18 -703 Nov 24 j 01:15 -704 Dec 09 j 23:53 0°**∡**¹ morning set 16°M11'21 morning set -704 Dec 15 j 03:04 8°**₹**'01'28 -703 Dec 02 j 20:15 0°**∡**7 max. Earth dist. -704 Dec 21 j 23:49 19°**∡**°07′58 1.41873 AU max. Earth dist. -703 Dec 04 j 07:45 2°**≯**22'04 1.43532 AU -704 Dec 28 j 10:17 0°궁 -703 Dec 10 j 05:48 12°**尽**00'07 -1°47'02 superior conj -704 Dec 29 j 12:04 1°る51'36 -2°00'05 -703 Dec 09 j 23:46 superior conj minimum elong 11°**х** 35′14 1°46′38 minimum elong -704 Dec 29 j 10:42 1°る45'39 2°00'05 -703 Dec 20 j 20:44 0°정 evening rise -703 Jan 09 j 10:22 21°る27'26 evening rise -703 Dec 22 j 20:58 3°**る**29'34 -703 Jan 14 j 03:10 0°**≈** asc. node -702 Jan 07 j 08:13 28°る29'28 asc. node -703 Jan 20 j 11:10 10°**≈**39'48 -702 Jan 08 j 15:11 0°≈ evening max el -703 Jan 25 j 22:30 17°**≈**39'34 18°09'58 evening max el -702 Jan 09 j 10:37 0°**≈**51′09 18°10'10 retrograde -703 Feb 01 j 18:07 21°≈07'13 retrograde -702 Jan 15 j 23:02 4°≈17'56 evening set -703 Feb 04 j 09:32 20°≈36'34 evening set -702 Jan 18 j 18:37 3°≈38'04 inferior conj -703 Feb 11 j 04:03 15°**≈**43'48 3°46'50 -702 Jan 23 j 12:22 30°R₹ minimum elong -703 Feb 11 i 05:34 15°≈40'19 3°46'43 inferior conj -702 Jan 25 i 01:21 28°る24'53 3°51'58 min. Earth dist. -703 Feb 14 i 09:50 12°**≈**44'48 0.60648 AU minimum elong -702 Jan 25 i 00:41 28°**る**26'40 3°51'56 morning rise -703 Feb 17 i 23:52 9°**≈**58'38 min. Earth dist. -702 Jan 27 i 18:54 25°**る**33'15 0.62648 AU direct -703 Feb 24 j 18:01 7°≈47'21 morning rise -702 Jan 31 j 05:45 22°る27'29 -703 Mar 01 j 14:26 8°**≈**49'35 -702 Feb 07 j 06:02 19°る48'34 desc. node direct -703 Mar 10 j 23:12 15°≈34'42 27°33'44 -702 Feb 16 j 11:30 23°る32'42 morning max el desc node -703 Mar 22 j 17:41 0°**₩** -702 Feb 21 j 04:50 27°る40'02 27°46'09 morning max el -703 Apr 09 j 05:28  $0^{\circ}\Upsilon$ -702 Feb 23 j 10:38 0°**≈** 5°**Y**32'36 -703 Apr 11 j 23:07 -702 Mar 16 j 10:00 0°) morning set -703 Apr 18 j 10:30 19°Y21'51 -702 Mar 27 j 01:02 19° ¥ 56'11 asc. node morning set -703 Apr 18 j 06:16 18°**Y**58'47  $0^{\circ}$ max. Earth dist. 1.32428 AU -702 Mar 31 j 21:18 -702 Apr 01 j 14:48 1°**Υ**33'19 1.32823 AU max. Earth dist. -703 Apr 19 j 04:18 20°Υ59'10 0°07'51 superior conj -703 Apr 19 j 03:56 20°**Y**'57'12 0°07'46 -702 Apr 03 j 13:40 5°Υ45'31 -0°18'21 minimum elong superior conj -703 Apr 18 j 23:31 20°Y33'00 -702 Apr 03 j 14:32 5°Υ50'11 0°18'10 behind sun begin minimum elong -703 Apr 19 j 08:21 21°**Υ**21'25 -702 Apr 05 j 07:32 9°**Y**32'27 behind sun end asc. node -702 Apr 10 j 14:02 -703 Apr 23 j 07:18 0°8 evening rise 20°Y53'18 evening rise -703 Apr 26 j 02:14 5°**8**58'41 -702 Apr 15 j 00:50 0°8 -703 May 08 j 19:17  $0^{\circ}II$ evening max el -702 May 04 j 16:59 29°**8**23'37 23°52'04 evening max el -703 May 23 j 02:03 18°II41'03 25°22'24 -702 May 05 j 08:25  $0^{\circ}\Pi$ desc. node -703 May 28 j 13:38 23°**Ⅲ**03'55 desc. node -702 May 15 j 10:40 5°**I**57′04 -703 Jun 06 j 02:59 25°**Ⅲ**51'16 -702 May 18 j 11:25 6°**Ⅲ**18′03 retrograde retrograde -703 Jun 11 j 16:36 24°**Ⅲ**38'47 -702 May 22 j 14:44 5°**Ⅱ**40′08 evening set evening set -703 Jun 16 j 13:55 21°II53'53 0.57963 AU min. Earth dist. -702 May 29 j 04:01 2°**Ⅲ**33'15 0.56257 AU min. Earth dist. -703 Jun 19 j 18:20 19°**II**41'14 -4°36'00 -702 May 31 j 12:19 1°**I**07'14 -3°56'04 inferior conj inferior conj -703 Jun 19 j 16:06 19°**II**45'08 4°35'50 -702 May 31 i 06:02 1°**П**16'53 3°54'49 minimum elong minimum elong -703 Jun 27 j 18:19 15°**Ⅲ**25'23 -702 Jun 02 i 08:57 morning rise 30°R8 -703 Jun 30 i 07:19 15°**Ⅱ**05'39 -702 Jun 09 i 00:15 27°808'05 direct morning rise morning max el -703 Jul 08 j 20:02 19°**Ⅲ**05'50 18°54'17 direct -702 Jun 11 i 15:05 26°850'29 -703 Jul 15 j 09:45 27°**Ⅲ**22'42 -702 Jun 19 j 21:28  $0^{\circ}II$ asc node -703 Jul 17 j 00:53 0ಂತಾ morning max el -702 Jun 21 j 14:56 1°**Ⅲ**27'59 19°54'36 -703 Jul 25 j 10:26 15°933'46 -702 Jul 02 j 06:49 16°**Ⅱ**05'38 morning set asc node -703 Aug 01 j 19:25  $0^{\circ}\Omega$ morning set -702 Jul 09 j 13:19 0°9501'33 -702 Jul 09 j 13:00 0ಂತಾ -703 Aug 02 j 22:48 2°Ω11'12 1°46'49 superior conj minimum elong -703 Aug 02 j 23:42 2°**Ω**15'30 1°46'48 superior conj -702 Jul 17 j 09:59 15°957'27 1°46'15 -702 Jul 17 j 09:05 -703 Aug 09 j 19:17 14°**Ω**51'58 1.38936 AU minimum elong 15°952'55 1°46'14 max. Earth dist. -703 Aug 13 j 17:05 21°**Ω**43'10 max. Earth dist. -702 Jul 22 j 22:57 26°5944'10 1.37003 AU evening rise -703 Aug 18 j 15:37 -702 Jul 24 j 16:47 0° m 0 $\circ$  $\Omega$ -703 Aug 24 j 13:00 -702 Jul 26 j 20:00 desc. node 9° m 21'44 evening rise 3°**£**54'33 -703 Sep 07 j 22:54 0∘**⊽** desc. node -702 Aug 11 j 10:01 29°**Ω**39'44 evening max el -703 Sep 18 j 04:58 12°**£**00'48 24°24'45 -702 Aug 11 j 15:25 0° m retrograde -703 Sep 29 j 11:29 18°**2**36'56 evening max el -702 Aug 31 j 16:18 25° m 36'22 25°38'22 evening set -703 Oct 04 j 22:07 16°**£**19′09 -702 Sep 05 j 21:39 0∘**⊽** 

min. Earth dist.

inferior conj

-703 Oct 09 j 14:33

-703 Oct 10 j 07:45

10°**2**55'31 0.67398 AU

9°**2**57'47 -0°21'45

retrograde

evening set

-702 Sep 12 j 21:34

-702 Sep 18 j 22:49

2°**£**37'18

0°**م**03'58

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 107 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronon    | nical year style is used: T                | The year -900 in                        | astronomical cou      | inting style is the year         | 901 BCE in historical cou                  | inting style.                            | =          |
|------------------------|--|---|-----------------------|----------------------------------|--|--|------------|
|                        | -702 Sep 19 j 00:39                        | 30°R. Mp                                |                       | inferior conj                    | -701 Sep 08 j 10:09                        | 7° <b>m</b> 31′12                        | -2°12'19   |
| min. Earth dist.       | -702 Sep 23 j 07:07                        | •                                       | 0.66848 AU            | minimum elong                    | -701 Sep 08 j 13:26                        | 7° <b>m</b> 21'21                        | 2°11'05    |
| inferior conj          | -702 Sep 24 j 11:15                        | 23° Mp 45'53                            |                       | morning rise                     | -701 Sep 14 j 10:01                        | 1° <b>m</b> 46'17                        |            |
| minimum elong          | -702 Sep 24 j 13:10                        | 23° <b>m</b> 39'41                      | 1°16'27               | asc. node                        | -701 Sep 15 j 03:04                        | 1°₩25'33                                 |            |
| asc. node              | -702 Sep 28 j 06:01                        | 19° <b>m</b> 21'27                      |                       | direct                           | -701 Sep 17 j 09:02                        | 0° Mp 57′02                              |            |
| morning rise           | -702 Sep 30 j 03:44                        | 17° <b>m</b> 49'29                      |                       | morning max el                   | -701 Sep 24 j 01:22                        | 4° m 38'25                               | 18°33'26   |
| direct                 | -702 Oct 03 j 11:16                        | 16° Mp 46'01                            | 10010155              |                                  | -701 Oct 11 j 11:34                        | 0° <b>™</b>                              |            |
| morning max el         | -702 Oct 10 j 14:23                        | 20° m/48'24                             | 19°18'55              | morning set                      | -701 Oct 14 j 05:43                        | 4° <b>£</b> 25'47                        |            |
| . ,                    | -702 Oct 17 j 22:09                        | 0° <b>ʊ</b>                             |                       | desc. node                       | -701 Oct 25 j 06:24                        | 22° <b>ഫ</b> 00'20                       |            |
| morning set            | -702 Nov 03 j 03:29                        | 24° <b>Ω</b> 41'09                      |                       |                                  | 701 0-4 20 : 22-12                         | 200 0 20157                              | 0920105    |
| daga mada              | -702 Nov 06 j 13:16                        | 0°M                                     |                       | superior conj                    | -701 Oct 29 j 22:12                        | 29° <b>♀</b> 20'57<br>29° <b>♀</b> 05'21 |            |
| desc. node             | -702 Nov 07 j 09:22                        | 1°M18'29                                | 1 44610 ATT           | minimum elong                    | -701 Oct 29 j 18:14                        | 0° <b>M</b>                              | 0-29-34    |
| max. Earth dist.       | -702 Nov 16 j 22:00                        | 10 11613 33                             | 1.44619 AU            | mov. Forth dist                  | -701 Oct 30 j 08:07                        | 0°M32'21                                 | 1.45003 AU |
| superior conj          | -702 Nov 19 j 21:25                        | 20°M58'30                               | 1015'50               | max. Earth dist.<br>evening rise | -701 Oct 30 j 16:21<br>-701 Nov 15 j 00:37 | 24°M43'30                                | 1.43003 AU |
| minimum elong          | -702 Nov 19 j 13:23                        | 20°M26'34                               |                       | evening rise                     | -701 Nov 18 j 08:24                        | 24 11 <b>€</b> 43 30                     |            |
| minimum clong          | -702 Nov 25 j 12:37                        | 20 11 <b>6</b> 20 34<br>0° <b>√</b> 1   | 1 1436                | greatest brilliancy              | -701 Nov 18 j 08:24<br>-701 Nov 23 j 22:47 | 8° <b>∡</b> 751'16                       | -0.8m      |
| evening rise           | -702 Nov 23 j 12:37                        | 14° <b>∡</b> 36′00                      |                       | evening max el                   | -701 Nov 23 j 22:47                        | 27°×738'49                               | 19°05'25   |
| evening rise           | -702 Dec 13 j 18:46                        | 0°る                                     |                       | evening max er                   | -701 Dec 10 j 01:09                        | 0°る                                      | 17 03 23   |
| evening max el         | -702 Dec 23 j 22:57                        | 14° <b>る</b> 12'23                      | 18°29'03              | asc. node                        | -701 Dec 12 j 02:20                        | 1° <b>る</b> 09'11                        |            |
| asc. node              | -702 Dec 25 j 05:17                        | 15° <b>ට</b> 24'00                      | 10 27 03              | retrograde                       | -701 Dec 14 j 07:44                        | 1° <b>る</b> 36'31                        |            |
| retrograde             | -702 Dec 30 j 12:45                        | 17° <b>ප්</b> 49'41                     |                       | evening set                      | -701 Dec 17 j 14:22                        | 0° <b>る</b> 34'16                        |            |
| evening set            | -701 Jan 02 j 13:12                        | 16° <b>ප</b> 59'23                      |                       |                                  | -701 Dec 18 j 09:53                        | 30°R. <b>✓</b>                           |            |
| inferior conj          | -701 Jan 08 j 11:11                        | 11° <b>る</b> 27'29                      | 3°38'25               | inferior conj                    | -701 Dec 23 j 06:05                        | 24° <b>₹</b> 45'53                       | 3°11'34    |
| minimum elong          | -701 Jan 08 j 09:04                        | 11° <b>る</b> 33'41                      | 3°38'07               | minimum elong                    | -701 Dec 23 j 03:18                        | 24° <b>₹</b> 54'40                       |            |
| min. Earth dist.       | -701 Jan 10 j 13:37                        | 9° <b>ට</b> 00'55                       | 0.64380 AU            | min. Earth dist.                 | -701 Dec 24 j 17:30                        | 22° <b>₹</b> 54'25                       | 0.65745 AU |
| morning rise           | -701 Jan 14 j 04:25                        | 5° <b>ರ</b> 22'30                       |                       | morning rise                     | -701 Dec 28 j 15:58                        | 18° <b>≯</b> 36′00                       |            |
| direct                 | -701 Jan 21 j 01:35                        | 2° <b>ප</b> 30'54                       |                       | direct                           | -700 Jan 04 j 03:24                        | 15° <b>∡</b> ¹46′20                      |            |
| desc. node             | -701 Feb 03 j 08:34                        | 10° <b>පි</b> 05'32                     |                       | morning max el                   | -700 Jan 16 j 23:15                        | 23° <b>҂</b> 18′21                       | 26°29'41   |
| morning max el         | -701 Feb 03 j 13:40                        | 10° <b>る</b> 18'11                      | 27°22'51              | desc. node                       | -700 Jan 21 j 05:37                        | 27° <b>₹</b> 57'04                       |            |
|                        | -701 Feb 19 j 02:53                        | 0° <b>≈</b>                             |                       |                                  | -700 Jan 22 j 22:48                        | 8°0                                      |            |
|                        | -701 Mar 08 j 19:08                        | 0° <b>∀</b>                             |                       |                                  | -700 Feb 12 j 10:35                        | 0° <b>≈</b>                              |            |
| morning set            | -701 Mar 10 j 18:47                        | 3° <b>∺</b> 50'44                       |                       | morning set                      | -700 Feb 22 j 00:45                        | 17° <b>≈</b> 05'15                       |            |
| max. Earth dist.       | -701 Mar 15 j 15:19                        | 13° <b>∺</b> 38′08                      | 1.33635 AU            | max. Earth dist.                 | -700 Feb 26 j 04:48                        | 25° <b>≈</b> 08′22                       | 1.34900 AU |
|                        |  |   |                       |                                  | -700 Feb 28 j 15:09                        | 0° <b>)</b> €                            |            |
| superior conj          | -701 Mar 18 j 19:07                        | 20° <b>) (</b> 15′14                    | -0°44'54              |                                  |  |  |            |
| minimum elong          | -701 Mar 18 j 21:14                        | 20° <b>∺</b> 26′29                      | 0°44'28               | superior conj                    | -700 Mar 01 j 18:25                        | 4° <b>∺</b> 21'34                        |            |
| asc. node              | -701 Mar 23 j 04:35                        | 29° <b>)</b> €37′28                     |                       | minimum elong                    | -700 Mar 01 j 21:37                        | 4° <b>)</b> €38'01                       |            |
|                        | -701 Mar 23 j 08:48                        | 0° <b>Υ</b>                             |                       | evening rise                     | -700 Mar 09 j 09:50                        | 20° <b>升</b> 15′05                       |            |
| evening rise           | -701 Mar 26 j 01:11                        | 5° <b>Y</b> 40'45                       |                       | asc. node                        | -700 Mar 09 j 01:38                        | 19° <b>)</b> 32'42                       |            |
|                        | -701 Apr 08 j 06:45                        | 0° <b>8</b>                             |                       |                                  | -700 Mar 14 j 06:44                        | 0° <b>Υ</b>                              |            |
| evening max el         | -701 Apr 16 j 09:55                        | 10° <b>8</b> 01'12                      | 22°17'13              | evening max el                   | -700 Mar 28 j 11:02                        | 21° <b>Υ</b> 00'44                       | 20°50'41   |
| retrograde             | -701 Apr 29 j 07:05                        | 16° <b>8</b> 20'25                      |                       | retrograde                       | -700 Apr 08 j 20:02                        | 26° <b>Y</b> 29'42                       |            |
| evening set            | -701 May 02 j 03:56                        | 16° <b>8</b> 02'18                      |                       | evening set                      | -700 Apr 11 j 01:37                        | 26°Υ17'52                                |            |
| desc. node             | -701 May 02 j 07:44                        | 16° <b>8</b> 00'17                      | 0.55010.437           | desc. node                       | -700 Apr 18 j 04:47                        | 23° <b>Y</b> 31'14                       | 000 (11.5  |
| min. Earth dist.       | -701 May 10 j 17:04                        | 12° <b>8</b> 21'59                      |                       | inferior conj                    | -700 Apr 20 j 07:33                        | 22° <b>Y</b> 20'04                       |            |
| inferior conj          | -701 May 11 j 13:14                        | 11° <b>8</b> 53'29                      |                       | minimum elong                    | -700 Apr 20 j 05:51                        | 22°Υ22'31                                | 0°35'37    |
| minimum elong          | -701 May 11 j 06:50                        | 12° <b>と</b> 02'33<br>7° <b>と</b> 58'32 | 2 29 30               | min. Earth dist.                 | -700 Apr 21 j 06:16<br>-700 Apr 29 j 09:29 | 21° <b>Υ</b> 47'44<br>18° <b>Υ</b> 11'34 | 0.55084 AU |
| morning rise<br>direct | -701 May 20 j 11:23<br>-701 May 23 j 07:08 | 7° <b>8</b> 40'27                       |                       | morning rise<br>direct           | -700 May 02 j 18:02                        | 17° <b>Υ</b> 47'13                       |            |
| morning max el         | -701 May 23 j 07:08<br>-701 Jun 03 j 22:43 | 13° <b>8</b> 07'22                      | 2101440               | morning max el                   | -700 May 15 j 20:13                        | 24° <b>Υ</b> 05'52                       | 22°49'58   |
| morning max ci         | -701 Jun 16 j 06:34                        | 0°Ⅱ                                     | 21 1 <del>1 1</del> 0 | morning max ci                   | -700 May 13 j 20.13                        | 0° <b>8</b>                              | 44 7 30    |
| asc. node              | -701 Jun 19 j 03:52                        | 5° <b>Ⅱ</b> 19'38                       |                       | asc. node                        | -700 Jun 05 j 00:54                        | 24° <b>8</b> 56'46                       |            |
| morning set            | -701 Jun 23 j 21:09                        | 14° <b>∏</b> 45'39                      |                       | morning set                      | -700 Jun 07 j 07:54                        | 29° <b>8</b> 40'15                       |            |
| morning set            | -701 Juli 25 j 21.07                       | 14 1143 37                              |                       | morning set                      | -700 Jun 07 j 11:41                        | 0°II                                     |            |
| superior conj          | -701 Jul 01 j 07:20                        | 0°515'03                                | 1°38'27               |                                  | , 00 van 0, j 11.71                        | ~ <del>~</del>                           |            |
| minimum elong          | -701 Jul 01 j 05:18                        |   | 1°38'19               | superior conj                    | -700 Jun 14 j 11:36                        | 14° <b>∏</b> 54'15                       | 1°25'03    |
|                        | -701 Jul 01 j 04:26                        | 0°99                                    | /                     | minimum elong                    | -700 Jun 14 j 09:06                        | 14° <b>I</b> I40'57                      | 1°24'45    |
| max. Earth dist.       | -701 Jul 05 j 09:32                        | 8°534'36                                | 1.35335 AU            | max. Earth dist.                 | -700 Jun 17 j 05:50                        | 20° <b>I</b> I43'18                      | 1.34029 AU |
| evening rise           | -701 Jul 09 j 17:48                        | 17° <b>©</b> 01'59                      |                       |                                  | -700 Jun 21 j 19:09                        | 0°95                                     | 02, 710    |
|                        | -701 Jul 16 j 21:46                        | 0°Ω                                     |                       | evening rise                     | -700 Jun 22 j 05:37                        | 0°951'46                                 |            |
| desc. node             | -701 Jul 29 j 07:03                        | 19° <b>Ω</b> 37'06                      |                       | <i>5</i>                         | -700 Jul 08 j 21:23                        | 0°Ω                                      |            |
|                        | -701 Aug 05 j 23:22                        | 0° mp                                   |                       | desc. node                       | -700 Jul 15 j 04:05                        | 9° <b>Ω</b> 04'35                        |            |
| evening max el         | -701 Aug 14 j 04:09                        | 9° <b>m</b> ) 11'07                     | 26°37'51              | evening max el                   | -700 Jul 26 j 15:54                        | 22° <b>Ω</b> 34'34                       | 27°15'28   |
| retrograde             | -701 Aug 27 j 02:32                        | 16° m/25'40                             |                       | retrograde                       | -700 Aug 09 j 01:48                        | 29° <b>£</b> 54'05                       | - *        |
| evening set            | -701 Sep 02 j 17:16                        | 13° <b>m</b> ) 41'57                    |                       | evening set                      | -700 Aug 16 j 02:48                        | 27° <b>Ω</b> 08'31                       |            |
| min. Earth dist.       | -701 Sep 06 j 18:04                        |   | 0.65955 AU            | min. Earth dist.                 | -700 Aug 19 j 20:58                        | 23° <b>Ω</b> 34'42                       | 0.64701 AU |
|                        |  |   |                       |                                  |  |  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 108 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. |  |  |                       |                                   |  |                           |             |
|--|--|--|-----------------------|-----------------------------------|--|---------------------------|-------------|
| inferior conj  | -700 Aug 22 j 02:10                        | 21° <b>\O</b> 08'40                    | -3°04'40              | retrograde                        | -699 Jul 22 j 19:09                        | 12° <b>Ω</b> 54'26        |             |
| minimum elong  | -700 Aug 22 j 06:28                        | 20° <b>Ω</b> 56'49                     | 3°03'19               | evening set                       | -699 Jul 30 j 00:09                        | 10° <b>Ω</b> 18′58        |             |
| morning rise   | -700 Aug 28 j 10:51                        | 15° <b>Ω</b> 38'42                     |                       | min. Earth dist.                  | -699 Aug 02 j 14:08                        | 7° <b>Ω</b> 16'46         | 0.63086 AU  |
| direct   | -700 Aug 31 j 03:47                        | 15° <b>Ω</b> 00′16                     |                       | inferior conj                     | -699 Aug 05 j 08:36                        | 4° <b>Ω</b> 32'57         | -3°50'54    |
| asc. node  | -700 Sep 01 j 00:07                        | 15° <b>Ω</b> 04'04                     |                       | minimum elong                     | -699 Aug 05 j 13:10                        | 4° <b>Ω</b> 21'39         | 3°49'50     |
| morning max el   | -700 Sep 06 j 15:59                        | 18° <b>Ω</b> 29'12                     | 18°04'45              |                                   | -699 Aug 10 j 19:25                        | 30° <b>₹</b> 5            |             |
|  | -700 Sep 15 j 03:14                        | O° <b>m</b> y                          |                       | morning rise                      | -699 Aug 12 j 03:19                        | 29° <b>©</b> 21'14        |             |
| morning set  | -700 Sep 24 j 12:16                        | 15° <b>m</b> 33'05                     |                       | direct                            | -699 Aug 14 j 16:30                        | 28° <b>©</b> 50'39        |             |
|  | -700 Oct 03 j 05:14                        | 0∘ <b>ত</b>                            |                       |                                   | -699 Aug 18 j 11:49                        | $0^{\circ}\Omega$         |             |
|  |  | _                                      |                       | asc. node                         | -699 Aug 18 j 21:10                        | 0° <b>Ω</b> 14'42         |             |
| superior conj  | -700 Oct 08 j 05:42                        | 8° <b>≏</b> 07'35                      |                       | morning max el                    | -699 Aug 21 j 07:35                        |                           | 17°53'46    |
| minimum elong  | -700 Oct 08 j 07:57                        | 8° <b>Ω</b> 16'39                      | 0°18'42               | morning set                       | -699 Sep 06 j 18:51                        | 27° <b>Ω</b> 49'25        |             |
| desc. node   | -700 Oct 11 j 03:26                        | 12° <b>Ω</b> 45'56                     |                       |                                   | -699 Sep 08 j 00:31                        | 0° <b>т</b> р             |             |
| max. Earth dist.   | -700 Oct 12 j 11:08                        |  | 1.44645 AU            |                                   |  |                           |             |
|  | -700 Oct 22 j 03:13                        | 0°M                                    |                       | superior conj                     | -699 Sep 18 j 13:03                        | 18° Mp 06'27              |             |
| evening rise   | -700 Oct 24 j 16:57                        | 3°M58'59                               | 0.7                   | minimum elong                     | -699 Sep 18 j 18:08                        | 18° m 27'39               |             |
| greatest brilliancy  | -700 Nov 07 j 07:31                        | 24°M44'12                              | -0./m                 | max. Earth dist.                  | -699 Sep 25 j 02:50                        | •                         | 1.43603 AU  |
| ·  | -700 Nov 10 j 21:56                        | 0°×7                                   | 10057142              |                                   | -699 Sep 25 j 19:16                        | 0∘ <b>⊽</b>               |             |
| evening max el   | -700 Nov 19 j 14:47                        | 11° 🗷 06'22                            | 19°5/43               | desc. node                        | -699 Sep 28 j 00:27                        | 3° <b>Ω</b> 32'26         |             |
| retrograde   | -700 Nov 27 j 05:04                        | 15° ₹ 33'04                            |                       | evening rise                      | -699 Oct 03 j 23:19                        | 12° <b>£</b> 52'34        |             |
| asc. node  | -700 Nov 27 j 23:23                        | 15° <b>₹</b> 29'45                     |                       |                                   | -699 Oct 15 j 06:25                        | 0°M                       | 21002120    |
| evening set  | -700 Nov 30 j 19:38                        | 14° 🗷 17'04                            | 2025102               | evening max el                    | -699 Nov 02 j 14:50                        | 24°M33'57                 | 21°03'30    |
| inferior conj  | -700 Dec 06 j 07:09                        | 8° 🗷 15'07                             |                       | retrograde                        | -699 Nov 11 j 02:32                        | 29°M36'11                 |             |
| minimum elong  | -700 Dec 06 j 04:22                        | 8° <b>҂</b> 24'24<br>7° <b>҂</b> 02'21 | 2°34'11<br>0.66720 AU | asc. node                         | -699 Nov 14 j 20:24                        | 28°M16'46                 |             |
| min. Earth dist.   | -700 Dec 07 j 05:01                        |  | 0.00720 AU            | evening set                       | -699 Nov 15 j 03:01                        | 28°M04'32                 | 1951122     |
| morning rise   | -700 Dec 11 j 12:55                        | 2° <b>√</b> 02'17                      |                       | inferior conj                     | -699 Nov 20 j 12:05                        | 21°M52'24<br>22°M00'15    |             |
| direct   | -700 Dec 14 j 14:57                        | 30°RM<br>29°M25'30                     |                       | minimum elong<br>min. Earth dist. | -699 Nov 20 j 09:47                        |                           |             |
| direct   | -700 Dec 17 j 10:41<br>-700 Dec 20 j 11:03 | 29 IIC23 30<br>0° <b>√</b> 1           |                       | morning rise                      | -699 Nov 20 j 22:02<br>-699 Nov 25 j 16:24 | 15°MJ38'37                | 0.07328 AU  |
| morning max el   | -700 Dec 20 j 11:03                        | 6° <b>∡</b> ¹29'30                     | 25015121              | direct                            | -699 Nov 30 j 23:01                        | 13°M21'15                 |             |
| desc. node   | -699 Jan 07 j 02:40                        | 16° <b>х</b> ⁴2930                     | 23 13 21              | morning max el                    | -699 Dec 11 j 16:48                        | 19°M45'31                 | 23040142    |
| desc. node   | -699 Jan 16 j 14:55                        | 10 x 43 37                             |                       | morning max er                    | -699 Dec 20 j 09:53                        | 19 IIC4331<br>0° <b>√</b> | 23 49 42    |
| morning set  | -699 Feb 03 j 14:02                        | 29° <b>පි</b> 25'30                    |                       | desc. node                        | -699 Dec 24 j 23:43                        | 6° <b>≯</b> 10'16         |             |
| morning set  | -699 Feb 03 j 21:41                        | 0°≈                                    |                       | dese. Hode                        | -698 Jan 09 j 19:33                        | 0°중                       |             |
| max. Earth dist.   | -699 Feb 07 j 07:08                        |  | 1.36598 AU            | morning set                       | -698 Jan 16 j 04:33                        | 10° <b>ට</b> 35'14        |             |
| max. Dartii dist.  | 0771 <b>c</b> 0 07 j 07.00                 | 0 7011723                              | 1.50570710            | max. Earth dist.                  | -698 Jan 20 j 02:41                        |                           | 1.38617 AU  |
| superior conj  | -699 Feb 13 j 08:44                        | 17° <b>≈</b> 56'03                     | -1°33'25              | max. Earth dist.                  | -698 Jan 26 j 23:57                        | 0°≈                       | 1.50017 110 |
| minimum elong  | -699 Feb 13 j 12:28                        | 18° <b>≈</b> 14'33                     |                       |                                   | 0,0 Jun 20 j 25.57                         | 0 / 0 .                   |             |
| minimum crong  | -699 Feb 19 j 08:37                        | 0° <b>)</b> €                          | 1 3237                | superior conj                     | -698 Jan 27 j 10:19                        | 0° <b>≈</b> 48'52         | -1°51'09    |
| evening rise   | -699 Feb 21 j 13:53                        | 4° <b>)</b> €29'36                     |                       | minimum elong                     | -698 Jan 27 j 13:30                        | 1°≈03'56                  |             |
| asc. node  | -699 Feb 23 j 22:41                        | 9° <b>)</b> 13′10                      |                       | evening rise                      | -698 Feb 05 j 10:48                        | 18° <b>≈</b> 17'17        |             |
|  | -699 Mar 08 j 12:54                        | $_0$ ° $\gamma$                        |                       | asc. node                         | -698 Feb 10 j 19:43                        | 28° <b>≈</b> 33'01        |             |
| evening max el   | -699 Mar 10 j 23:08                        | 2° <b>Y</b> 36'27                      | 19°40'25              |                                   | -698 Feb 11 j 14:50                        | 0° <b>)</b> €             |             |
| retrograde   | -699 Mar 20 j 15:11                        | 7° <b>Y</b> °14′26                     |                       | evening max el                    | -698 Feb 21 j 21:35                        | 14° <b>)</b> 49′04        | 18°49'33    |
| evening set  | -699 Mar 22 j 19:01                        | 7° <b>Ƴ</b> 01'35                      |                       | retrograde                        | -698 Mar 02 j 02:20                        | 18° <b>)</b> 47′04        |             |
| inferior conj  | -699 Mar 31 j 09:51                        | 2° <b>Y</b> 58'05                      | 1°17'36               | evening set                       | -698 Mar 04 j 10:21                        | 18° <b>¥</b> 29'02        |             |
| minimum elong  | -699 Mar 31 j 12:59                        | 2° <b>Y</b> 53'07                      | 1°16'34               | inferior conj                     | -698 Mar 12 j 06:26                        | 14° <b>)</b> €09'30       | 2°42'59     |
| min. Earth dist.   | -699 Apr 02 j 20:33                        | 1° <b>Y</b> 25'55                      | 0.55882 AU            | minimum elong                     | -698 Mar 12 j 10:52                        | 14° <b>)</b> €01'22       | 2°41'52     |
| desc. node   | -699 Apr 05 j 01:48                        | 0° <b>Y</b> ′08′17                     |                       | min. Earth dist.                  | -698 Mar 15 j 13:07                        | 11° <b>) √</b> 46'45      | 0.57442 AU  |
|  | -699 Apr 05 j 07:57                        | 30°Ŗ <b>ℋ</b>                          |                       | morning rise                      | -698 Mar 20 j 08:27                        | 8° <b>¥</b> 59'06         |             |
| morning rise   | -699 Apr 09 j 04:30                        | 28° <b>∺</b> 20′06                     |                       | desc. node                        | -698 Mar 22 j 22:51                        | 8° <b>)</b> €06'41        |             |
| direct   | -699 Apr 13 j 11:56                        | 27° <b>¥</b> 38'37                     |                       | direct                            | -698 Mar 25 j 19:34                        | 7° <b>)</b> 46′32         |             |
|  | -699 Apr 21 j 10:43                        | $0$ ° $\Upsilon$                       |                       | morning max el                    | -698 Apr 09 j 03:22                        | 15° <b>∺</b> 15′27        | 26°02'11    |
| morning max el   | -699 Apr 27 j 11:49                        | 4° <b>Y</b> 40'00                      | 24°30'40              |                                   | -698 Apr 20 j 23:47                        | $0^{\circ}\Upsilon$       |             |
|  | -699 May 15 j 10:20                        | 0°8                                    |                       | morning set                       | -698 May 07 j 07:25                        | 29° <b>Ƴ</b> 37'46        |             |
| morning set  | -699 May 22 j 19:54                        | 14° <b>8</b> 39'55                     |                       |                                   | -698 May 07 j 11:39                        | 0°8                       |             |
| asc. node  | -699 May 22 j 21:57                        | 14° <b>8</b> 50'42                     |                       | asc. node                         | -698 May 09 j 18:59                        | 4° <b>8</b> 55'08         |             |
|  |  |  |                       |                                   |  |                           |             |
| superior conj  | -699 May 29 j 20:21                        | 29° <b>8</b> 47'29                     | 1°07'18               | superior conj                     | -698 May 14 j 07:28                        | 14° <b>8</b> 46'40        | 0°46'09     |
| minimum elong  | -699 May 29 j 17:56                        | 29° <b>8</b> 34'24                     | 1°06'55               | minimum elong                     | -698 May 14 j 05:35                        | 14° <b>8</b> 36'24        | 0°45'47     |
|  | -699 May 29 j 22:39                        | 0°Щ                                    |                       | max. Earth dist.                  | -698 May 14 j 21:26                        | 16° <b>8</b> 03'10        | 1.32556 AU  |
| max. Earth dist.   | -699 May 31 j 10:47                        | 3° <b>Ⅱ</b> 15'11                      | 1.33105 AU            | evening rise                      | -698 May 21 j 08:08                        | 29° <b>8</b> 52'35        |             |
| evening rise   | -699 Jun 06 j 03:28                        | 15° <b>Ⅱ</b> 12'18                     |                       |                                   | -698 May 21 j 09:34                        | <b>∏</b> °0               |             |
|  | -699 Jun 13 j 20:13                        | 0°®                                    |                       |                                   | -698 Jun 06 j 23:37                        | 0°95                      |             |
| desc. node   | -699 Jul 02 j 01:05                        | 27° <b>©</b> 49'56                     |                       | desc. node                        | -698 Jun 18 j 22:06                        | 15° <b>©</b> 34'30        |             |
|  | -699 Jul 03 j 20:14                        | 0°N                                    | 2502                  | evening max el                    | -698 Jun 21 j 07:09                        | 17°958'22                 | 27°01'47    |
| evening max el   | -699 Jul 09 j 01:43                        | 5° <b>Ω</b> 34'40                      | 27°24'47              | retrograde                        | -698 Jul 05 j 05:42                        | 25° <b>©</b> 16'13        |             |
|  |  |  |                       |                                   |  |                           |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -698 Jul 12 i 05:04 23°905'08 desc. node -697 Jun 05 i 19:07 1°952'59 evening set -698 Jul 15 j 21:09 20°522'49 0.61169 AU -697 Jun 17 j 07:44 6°952'17 min. Earth dist. retrograde -698 Jul 19 j 02:10 17°535'27 -4°25'44 -697 Jun 23 j 13:07 evening set 5°9317'30 inferior coni 17°527'57 4°25'16 -697 Jun 27 j 19:15 -698 Jul 19 j 05:35 min. Earth dist. 2°538'17 0.59114 AU minimum elong -697 Jul 01 j 03:18 0°507'08 -4°40'46 -698 Jul 26 j 07:49 inferior conj morning rise 12°5544'37 0°506'31 4°40'45 -698 Jul 28 j 19:28 minimum elong direct 12°9519'32 -697 Jul 01 j 03:37 morning max el -698 Aug 04 j 21:10 15°9549'40 18°01'26 -697 Jul 01 j 07:03 30°RⅡ 25°**Ⅲ**38'28 asc. node -698 Aug 05 j 18:13 16°9543'26 morning rise -697 Jul 08 j 20:26 -698 Aug 14 j 18:30 0° $\Omega$ direct -697 Jul 11 j 08:33 25°**Ⅲ**17'03 29°**Ⅲ**02'57 morning set -698 Aug 20 j 19:30 10°**Ω**57'31 morning max el -697 Jul 19 j 05:41 18°28'57 -697 Jul 20 j 04:27 0ಂತಾ -698 Aug 30 j 23:44 -697 Jul 23 j 15:16 superior conj 29° **Ω**25'57 1°27'54 asc. node 4°9515'06 minimum elong -698 Aug 31 j 04:04 29°**Ω**45'02 1°27'30 morning set -697 Aug 04 j 09:14 24°9544'32 -698 Aug 31 j 07:28 0° m -697 Aug 07 j 02:46  $0^{\circ}\Omega$ max. Earth dist. -698 Sep 07 j 13:02 12° Mp 21'41 1.42015 AU evening rise -698 Sep 13 j 14:00 22° Mp 11'28 superior conj -697 Aug 13 j 09:39 11°**Ω**54'53 1°43'04 desc. node -698 Sep 14 j 21:27 24° Mp 16'13 minimum elong -697 Aug 13 j 11:49 12°**Ω**04'59 1°42'57 -698 Sep 18 j 13:31 0∘**⊽** max. Earth dist. -697 Aug 20 j 18:07 25°**Ω**07'46 1.40098 AU -698 Oct 09 j 11:31 0°M -697 Aug 23 j 14:19 0° m evening max el -698 Oct 16 j 09:08 8°M02'11 22°19'10 evening rise -697 Aug 25 j 02:44 2° m 32'58 retrograde -698 Oct 25 j 22:16 13°M42'55 desc. node -697 Sep 01 j 18:27 14° m 53'50 evening set -698 Oct 30 i 10:43 11°M53'55 -697 Sep 11 j 20:58 0∘**⊽** asc. node -698 Nov 01 j 17:26 9°M36'25 evening max el -697 Sep 28 j 23:05 21°**≏**33'05 23°39'21 inferior conj -698 Nov 04 j 18:53 5°MJ35'19 1°02'26 retrograde -697 Oct 09 i 14:50 27°**♀**50'15 -698 Nov 04 j 17:28 5°M40'11 1°01'51 evening set -697 Oct 14 j 17:03 25°**-**42'59 minimum elong min. Earth dist. -698 Nov 04 j 18:05 5°ML38'04 0.67600 AU -697 Oct 19 j 14:38 19°**♀**59'40 0.67561 AU min. Earth dist. -698 Nov 09 j 07:34 -697 Oct 19 j 14:30 20°**₽**00'08 30°R <u>Ω</u> asc node -698 Nov 10 j 00:05 29°**£**22'57 inferior conj -697 Oct 20 j 01:45 0°09'43 19°**£**21'44 morning rise -698 Nov 14 j 15:40 -697 Oct 20 j 01:31 19°**₽**22'32 0°09'37 27°**2**27'43 direct minimum elong -698 Nov 20 j 16:51 -697 Oct 20 j 01:31 19°**♀**22'32 0°09'37 0°M transit middle -698 Nov 24 j 03:57 22°22'30 transit begin -697 Oct 19 j 23:20 morning max el 3°ML05'56 19°**£**30'01 -698 Dec 11 j 20:45 -697 Oct 20 j 03:42  $26^{\circ}$ M.04'42transit end 19°**£**15′03 desc. node -698 Dec 14 j 12:36 0°**∡**¹ -697 Oct 25 j 09:55 13°**2**13'25 morning rise -698 Dec 27 j 14:42 20°**₹**21'20 -697 Oct 29 j 11:38 morning set direct 11°**£**40′09 16°**2**34'13 21°01'35 -697 Jan 01 j 23:12 -697 Nov 06 j 20:58 max. Earth dist. 29°**✗**13'27 1.40725 AU morning max el -697 Jan 02 j 10:12 -697 Nov 17 j 14:17 0°궁 0°M desc. node -697 Nov 28 j 17:46 16°M18'48 superior conj -697 Jan 09 j 18:26 12°る48'13 -2°00'21 -697 Dec 06 j 21:44 28°M51'56 morning set -697 Jan 09 j 19:19 12°る52'11 2°00'21 -697 Dec 07 j 15:06 0°**⊼** minimum elong -697 Jan 19 j 02:10 0°**≈** max. Earth dist. -697 Dec 15 j 02:47 11°**₹**58'18 1.42634 AU evening rise -697 Jan 19 j 21:29 1°≈30'43 -697 Jan 28 j 16:46 17°≈25'25 -697 Dec 22 j 03:29 23°**х** 39'56 -1°56'43 asc. node superior conj -697 Feb 05 j 03:49 27°≈32'04 18°18'47 -697 Dec 22 j 00:08 23° **2**5'43 1°56'34 evening max el minimum elong -697 Feb 08 j 08:48 0°**)**€ -697 Dec 25 j 20:00 0°궁 -697 Feb 12 j 08:09 1°**)**6'01 -696 Jan 02 j 18:03 14°る00'48 retrograde evening rise 0°**)** 40′20 evening set -697 Feb 14 j 21:06 -696 Jan 11 i 21:06 0°≈ -697 Feb 16 i 11:19 -696 Jan 15 j 13:49 30°R≈ asc. node 5°≈40'54 -697 Feb 22 i 00:01 -696 Jan 19 j 14:40 inferior conj 26°≈00'13 3°32'34 evening max el 10°≈35'24 18°07'47 -697 Feb 22 i 02:53 -696 Jan 26 i 05:52 minimum elong 25°≈54'06 3°32'11 retrograde 14°≈00'47 min. Earth dist. -697 Feb 25 j 09:53 23°≈07'12 0.59442 AU evening set -696 Jan 28 j 23:11 13°≈26'11 morning rise -697 Mar 01 j 06:26 20°≈25'23 -696 Feb 04 j 12:16 8°≈24'38 3°51'41 inferior conj -697 Mar 07 j 16:23 18°≈34'25 -696 Feb 04 j 12:47 8°≈23'22 3°51'40 direct minimum elong min. Earth dist. -697 Mar 09 j 19:54 -696 Feb 07 j 13:30 5°≈26'18 0.61525 AU desc. node 18° 246'30 morning max el -697 Mar 21 j 23:29 26°≈17'20 27°09'44 morning rise -696 Feb 11 j 01:04 2°≈33'54 0°**∀** -697 Mar 25 j 11:28 direct -696 Feb 17 j 23:16 0°≈09'13 -697 Apr 14 j 08:46  $0^{\circ}\Upsilon$ desc. node -696 Feb 24 j 16:57 2°≈09'22 7°**≈**58'23 27°43'30 -697 Apr 21 j 16:47 14° **Y**27'50 -696 Mar 03 j 01:46 morning set morning max el -697 Apr 26 j 16:03 25°**Y**05'32 -696 Mar 19 j 22:15 0°**)**€ asc. node -696 Apr 04 j 22:03 29°**)** 02'57 morning set -697 Apr 28 j 19:15 29°**Y**45'46 0°22'25  $0^{\circ}\Upsilon$ superior conj -696 Apr 05 j 09:10 -697 Apr 28 j 18:16 29°**Ƴ**40'21 11°**Y**42'13 1.32555 AU minimum elong 0°22'12 max. Earth dist. -696 Apr 10 j 21:37 max. Earth dist. -697 Apr 28 j 10:17 28°**Y**56'35 1.32374 AU -697 Apr 28 j 21:50 0°8 superior conj -696 Apr 12 j 05:59 14°**Y**38'14 -0°03'10 evening rise -697 May 05 j 17:12 14°**8**44'25 minimum elong -696 Apr 12 j 06:08 14°**Y**39'01 0°03'07 -697 May 13 j 09:59  $0^{\circ}II$ behind sun begin -696 Apr 12 j 01:07 14°**Y**11'43 -697 Jun 03 j 06:24 29°**II**38'33 26°06'33 -696 Apr 12 j 11:08 15°**Y**′06′20 evening max el behind sun end

-696 Apr 12 j 13:07

asc. node

15°**Y**17'08

-697 Jun 03 j 15:29

0ಂತಾ

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| Attention, astronom | ical year style is used: T | he year -900 in        | astronomical cou | nting style is the year | 901 BCE in historical cou | unting style.          | =          |
|---------------------|----------------------------|------------------------|------------------|-------------------------|---------------------------|------------------------|------------|
| evening rise        | -696 Apr 19 j 04:33        | 29° <b>Ƴ</b> 39'58     |                  | evening rise            | -695 Apr 03 j 16:18       | 14° <b>Y</b> 32'23     |            |
|                     | -696 Apr 19 j 08:21        | $0^{\circ}$ 8          |                  |                         | -695 Apr 11 j 11:49       | $0^{\circ}S$           |            |
|                     | -696 May 06 j 02:12        | $\Pi^{\circ}0$         |                  | evening max el          | -695 Apr 26 j 14:17       | 21° <b>8</b> 13'53     | 23°11'20   |
| evening max el      | -696 May 14 j 23:28        | 10° <b>Ⅱ</b> 37'34     | 24°45'28         | desc. node              | -695 May 09 j 13:12       | 27° <b>8</b> 55'15     |            |
| desc. node          | -696 May 22 j 16:09        | 16° <b>Ⅱ</b> 11'58     |                  | retrograde              | -695 May 10 j 01:19       | 27° <b>8</b> 55'50     |            |
| retrograde          | -696 May 28 j 22:44        | 17° <b>Ⅱ</b> 42'01     |                  | evening set             | -695 May 13 j 14:41       | 27° <b>8</b> 28'04     |            |
| evening set         | -696 Jun 02 j 22:19        | 16° <b>Ⅱ</b> 45'44     |                  | min. Earth dist.        | -695 May 21 j 00:04       |                        | 0.55720 AU |
| min. Earth dist.    | -696 Jun 08 j 11:03        |                        | 0.57185 AU       | inferior conj           | -695 May 22 j 18:49       | 23° <b>8</b> 06'13     |            |
| inferior conj       | -696 Jun 11 j 08:55        | 11° <b>Ⅱ</b> 58'41     |                  | minimum elong           | -695 May 22 j 11:48       | 23° <b>8</b> 16'31     | 3°23'41    |
| minimum elong       | -696 Jun 11 j 04:45        | 12° <b>Ⅱ</b> 05'33     | 4°23'54          | morning rise            | -695 May 31 j 11:33       | 19° <b>8</b> 11'13     |            |
| morning rise        | -696 Jun 19 j 13:58        | 7° <b>Ⅱ</b> 50'38      |                  | direct                  | -695 Jun 03 j 04:03       | 18° <b>8</b> 53'49     | 2002/127   |
| direct              | -696 Jun 22 j 03:48        | 7° <b>Ⅱ</b> 31'50      | 10017100         | morning max el          | -695 Jun 13 j 20:25       | 23° <b>8</b> 50'34     | 20°26'27   |
| morning max el      | -696 Jul 01 j 06:12        | 11° <b>Ⅱ</b> 46'07     | 19°1/'20         | Ī                       | -695 Jun 19 j 05:15       | 0°II                   |            |
| asc. node           | -696 Jul 09 j 12:21        | 22° <b>Ⅱ</b> 35'39     |                  | asc. node               | -695 Jun 26 j 09:24       | 11° <b>II</b> 33'05    |            |
|                     | -696 Jul 13 j 16:52        | 0°©                    |                  | morning set             | -695 Jul 02 j 13:30       | 23°∏36′24<br>0°©       |            |
| morning set         | -696 Jul 18 j 08:14        | 9° <b>©</b> 00'26      |                  |                         | -695 Jul 05 j 16:07       | 0.50                   |            |
| superior conj       | -696 Jul 26 j 13:08        | 25°©17'41              | 1°47'34          | superior conj           | -695 Jul 10 j 05:08       | 9° <b>©</b> 19'06      | 1°43'44    |
| minimum elong       | -696 Jul 26 j 13:12        | 25°9517'58             |                  | minimum elong           | -695 Jul 10 j 03:40       | 9° <b>5</b> 11'39      |            |
|                     | -696 Jul 28 j 23:46        | 0°N                    |                  | max. Earth dist.        | -695 Jul 15 j 03:35       |                        |            |
| max. Earth dist.    | -696 Aug 01 j 21:20        |                        | 1.38098 AU       | evening rise            | -695 Jul 19 j 04:09       | 26°543'31              |            |
| evening rise        | -696 Aug 05 j 16:36        | 14° <b>Ω</b> 06'35     |                  | Ü                       | -695 Jul 20 j 23:10       | $0^{\circ}\Omega$      |            |
| <i>8</i> 11         | -696 Aug 15 j 04:59        | 0° m/p                 |                  | desc. node              | -695 Aug 05 j 12:31       | 25° <b>Ω</b> 31'40     |            |
| desc. node          | -696 Aug 18 j 15:29        | 5° m 21'04             |                  |                         | -695 Aug 08 j 14:36       | 0° m                   |            |
|                     | -696 Sep 05 j 16:48        | 0∘ <u>v</u>            |                  | evening max el          | -695 Aug 23 j 22:13       | 18° <b>m</b> 43'50     | 26°05'45   |
| evening max el      | -696 Sep 10 j 10:52        | 5° <b>ഫ</b> 07'59      | 24°57'20         | retrograde              | -695 Sep 05 j 11:14       | 25° m 51'45            |            |
| retrograde          | -696 Sep 22 j 03:22        | 11° <b>≏</b> 55'08     |                  | evening set             | -695 Sep 11 j 18:38       | 23° m 12'52            |            |
| evening set         | -696 Sep 27 j 20:20        | 9° <b>ഫ</b> 30'22      |                  | min. Earth dist.        | -695 Sep 15 j 23:36       | 18° <b>m</b> )41'01    | 0.66517 AU |
| min. Earth dist.    | -696 Oct 02 j 09:17        | 4° <b>₽</b> 21'47      | 0.67208 AU       | inferior conj           | -695 Sep 17 j 08:46       | 16° M 57'32            | -1°40'46   |
| inferior conj       | -696 Oct 03 j 07:00        | 3° <b>₽</b> 10'11      | -0°45'12         | minimum elong           | -695 Sep 17 j 11:17       | 16° Mp49'40            | 1°39'45    |
| minimum elong       | -696 Oct 03 j 08:07        | 3° <b>ഫ</b> 06'31      | 0°44'44          | asc. node               | -695 Sep 22 j 08:36       | 11° <b>m</b> 38'59     |            |
| asc. node           | -696 Oct 05 j 11:33        | 0° <b>₽</b> 22'52      |                  | morning rise            | -695 Sep 23 j 04:14       | 11° <b>m</b> 05'57     |            |
|                     | -696 Oct 05 j 19:19        | 30°R, Mp               |                  | direct                  | -695 Sep 26 j 07:51       | 10° <b>m</b> 09'02     |            |
| morning rise        | -696 Oct 08 j 19:58        | 27° <b>m</b> 08'47     |                  | morning max el          | -695 Oct 03 j 05:33       | 14° <b>m</b> 01'07     | 18°57'36   |
| direct              | -696 Oct 12 j 09:35        | 25° <b>m</b> 55'20     |                  |                         | -695 Oct 15 j 00:08       | 0∘ <b>ত</b>            |            |
|                     | -696 Oct 19 j 16:21        | 0∘ <b>⊽</b>            |                  | morning set             | -695 Oct 25 j 05:23       | 15° <b>≏</b> 59'30     |            |
| morning max el      | -696 Oct 19 j 21:42        | 0° <b>ჲ</b> 13'26      | 19°52'18         | desc. node              | -695 Nov 01 j 11:51       | 27° <b>≏</b> 25'22     |            |
|                     | -696 Nov 10 j 05:00        | 0° <b>M</b>            |                  |                         | -695 Nov 03 j 03:14       | $0^{\circ}$ M.         |            |
| morning set         | -696 Nov 14 j 18:29        | 7° <b>M</b> -01'30     |                  | max. Earth dist.        | -695 Nov 09 j 06:49       | 9°M39'52               | 1.44873 AU |
| desc. node          | -696 Nov 14 j 14:49        | 6° <b>M</b> 47'17      |                  |                         |                           |                        |            |
| max. Earth dist.    | -696 Nov 26 j 14:17        | 25°M33'36              | 1.44079 AU       | superior conj           | -695 Nov 10 j 16:35       | 11°M52'55              | -0°57'38   |
|                     | -696 Nov 29 j 08:52        | 0° <b>∡</b> ¹          |                  | minimum elong           | -695 Nov 10 j 09:35       | 11°M25'19              | 0°56'49    |
|                     |                            |                        |                  |                         | -695 Nov 22 j 01:38       | 0° <b>∡</b> ¹          |            |
| superior conj       | -696 Dec 01 j 09:36        | 3° <b>∡</b> 16'44      | -1°36'01         | evening rise            | -695 Nov 26 j 00:01       | 6° <b>҂</b> 121'43     |            |
| minimum elong       | -696 Dec 01 j 02:05        | 2° <b>∡</b> ¹46′15     | 1°35'22          |                         | -695 Dec 10 j 21:23       | 0° <b>ප</b>            |            |
| evening rise        | -696 Dec 14 j 20:15        | 25° <b>∡</b> ¹40'06    |                  | evening max el          | -695 Dec 16 j 14:43       | 7° <b>る</b> 14'48      | 18°42'26   |
|                     | -696 Dec 17 j 09:11        | 0°ರ                    |                  | asc. node               | -695 Dec 19 j 07:53       | 9° <b>ප</b> 35'18      |            |
| asc. node           | -695 Jan 01 j 10:52        | 23° <b>る</b> 08'35     |                  | retrograde              | -695 Dec 23 j 07:33       | 11° <b>ට</b> 00'06     |            |
| evening max el      | -695 Jan 02 j 03:11        | 23° <b>る</b> 51'28     | 18°15'56         | evening set             | -695 Dec 26 j 10:23       | 10° <b>る</b> 04'57     |            |
| retrograde          | -695 Jan 08 j 15:05        | 27° <b>る</b> 21'22     |                  | inferior conj           | -694 Jan 01 j 05:24       | 4° <b>る</b> 25'29      | 3°28'26    |
| evening set         | -695 Jan 11 j 12:42        | 26° <b>る</b> 37'03     |                  | minimum elong           | -694 Jan 01 j 02:54       | 4° <b>ප</b> 33'02      |            |
| inferior conj       | -695 Jan 17 j 15:20        | 21° <b>る</b> 15'22     |                  | min. Earth dist.        | -694 Jan 03 j 01:15       | 2° <b>ට</b> 13'04      | 0.65000 AU |
| minimum elong       | -695 Jan 17 j 13:56        | 21° <b>る</b> 19'12     | 3°48'01          |                         | -694 Jan 05 j 00:29       | 30°R. <b>✓</b>         |            |
| min. Earth dist.    | -695 Jan 20 j 02:25        | 18° <b>る</b> 33'03     | 0.63427 AU       | morning rise            | -694 Jan 06 j 19:02       | 28° <b>∡</b> 17'54     |            |
| morning rise        | -695 Jan 23 j 14:29        | 15° <b>る</b> 14'23     |                  | direct                  | -694 Jan 13 j 12:30       | 25° <b>∡</b> 25'40     |            |
| direct              | -695 Jan 30 j 14:21        | 12° <b>る</b> 28'35     |                  |                         | -694 Jan 23 j 08:39       | 0°る                    | 2500212    |
| desc. node          | -695 Feb 10 j 14:01        | 17° <b>る</b> 43'09     |                  | morning max el          | -694 Jan 26 j 18:49       | 3° <b>ろ</b> 08'33      | 27°03'34   |
| morning max el      | -695 Feb 13 j 09:08        | 20°る18'40              | 27°40'26         | desc. node              | -694 Jan 28 j 11:05       | 4° <b>る</b> 52'52      |            |
|                     | -695 Feb 21 j 17:52        | 0° <b>≈</b>            |                  |                         | -694 Feb 16 j 01:34       | 0° <b>≈</b>            |            |
| •                   | -695 Mar 12 j 22:02        | 0° <b>\</b>            |                  | morning set             | -694 Mar 03 j 10:11       | 26°≈54'51              |            |
| morning set         | -695 Mar 19 j 20:53        | 13° <b>¥</b> 15′09     | 1.00120 :==      |                         | -694 Mar 05 j 00:11       | 0° <b>∀</b>            |            |
| max. Earth dist.    | -695 Mar 25 j 03:24        | 24° <b>犬</b> 06'12     | 1.33120 AU       | max. Earth dist.        | -694 Mar 07 j 23:42       | 5° <b>H</b> 57'33      | 1.34110 AU |
| superior conj       | -695 Mar 27 j 13:55        | 29° <b>₩</b> 18'02     | -0°29'38         | superior conj           | -694 Mar 11 j 17:04       | 13° <b>¥</b> 38'56     | -0°55'58   |
| minimum elong       | -695 Mar 27 j 15:20        | 29° <del>X</del> 25'35 |                  | minimum elong           | -694 Mar 11 j 19:41       | 13° <b>X</b> 52'39     |            |
| Ciong               | -695 Mar 27 j 21:44        | 2° <b>Υ</b>            | 3 = 2 = 0        | asc. node               | -694 Mar 17 j 07:14       | 25°\(\frac{13}{27}\)36 | 0 00 20    |
| asc. node           | -695 Mar 30 j 10:11        | 5° <b>Υ</b> 25'51      |                  | evening rise            | -694 Mar 19 j 02:39       | 29° <b>H</b> 15'25     |            |
| 200. 11000          | 5,5u. 50 J 10.11           | 0 12001                |                  |                         | 57ui 17 J 02.57           | -, ,(1323              |            |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.  $0^{\circ}\Upsilon$ -694 Mar 19 j 11:13 superior conj -693 Feb 23 j 12:53 27°≈32'36 -1°20'41 -694 Apr 06 j 12:08 0°8 -693 Feb 23 j 16:25 27°≈50'26 1°20'10 minimum elong 1°**8**58'17 21°38'52 -694 Apr 08 j 09:58 -693 Feb 24 j 17:53 0°**₩** evening max el -694 Apr 20 j 17:34 13°**)**(41'42 7°**8**58'10 -693 Mar 03 j 09:34 retrograde evening rise -694 Apr 23 j 05:40 7°844'00 15°**¥**17'01 evening set asc. node -693 Mar 04 j 04:15  $0^{\circ}\Upsilon$ -694 Apr 26 j 10:14 6°**8**48'32 desc. node -693 Mar 11 j 22:01 13°**Y**12'35 inferior conj -694 May 02 j 15:21 3°**8**41'35 -1°44'52 evening max el -693 Mar 21 j 15:42 20°18'41 3°**8**48'20 1°43'12 minimum elong -694 May 02 j 10:32 retrograde -693 Apr 01 j 07:25 18°**Y**19′02 min. Earth dist. -694 May 02 j 13:11 3°**8**44'37 0.55036 AU evening set -693 Apr 03 j 10:48 18°**Y**07'32 14°**Y**09'31 0°14'10 -694 May 10 j 13:40 30°RY inferior conj -693 Apr 12 j 11:21 14°**Y**08'34 morning rise -694 May 11 j 16:15 29°Y43'19 minimum elong -693 Apr 12 j 12:00 0°13'56 29°Y23'46 direct -694 May 14 j 15:51 transit middle -693 Apr 12 j 12:00 14°**Y**08'34 0°13'56 -694 May 18 j 15:00 0°8 transit begin -693 Apr 12 j 10:03 14°**Y**11'26 morning max el -694 May 26 j 23:47 5°**8**13'12 21°53'47 transit end -693 Apr 12 j 13:56 14°**Y**05'42 -694 Jun 12 j 18:32  $0^{\circ}II$ desc. node -693 Apr 13 j 07:17 13°Y40'05 asc. node -694 Jun 13 j 06:28  $0^{\circ} I I 58'26$ min. Earth dist. -693 Apr 14 j 03:05 13°**Y**11′00 0.55307 AU morning set -694 Jun 16 j 22:49 8°**Ⅲ**26'21 morning rise -693 Apr 21 j 11:31 9°Y49'23 direct -693 Apr 25 j 04:39 9°Y19'18 15°**Y**58'44 superior conj -694 Jun 24 j 05:49 23°**Ⅱ**47'58 1°33'24 morning max el -693 May 08 j 18:06 23°32'50 0°8 minimum elong -694 Jun 24 j 03:31 23°**Ⅲ**35'53 1°33'10 -693 May 19 j 20:38 -694 Jun 27 j 05:38 0ಂತಾ asc. node -693 May 31 j 03:32 20°843'24 max. Earth dist. -694 Jun 27 i 17:56 1°9502'49 1.34731 AU morning set -693 Jun 01 i 10:17 23°823'34 evening rise -694 Jul 02 i 08:30 10°9511'12 -693 Jun 04 j 12:48  $\Pi^{\circ}0$ -694 Jul 13 i 10:05  $0^{\circ}\Omega$ desc. node -694 Jul 23 j 09:32 15°**Ω**18′01 -693 Jun 08 j 12:16 8°**II**34'07 1°18'01 superior coni -694 Aug 04 j 04:34 minimum elong -693 Jun 08 j 09:44 8°II20'34 1°17'39  $0^{\circ}$  mb -694 Aug 06 j 09:57 2° m 14'45 26° 56'46 -693 Jun 10 j 17:58 13°**Ⅲ**20'37 1.33590 AU evening max el max Earth dist -694 Aug 19 j 14:03 9° m 33'04 evening rise -693 Jun 16 j 01:01 retrograde 24° II 15'38 -694 Aug 26 j 09:40 6° m 47'03 -693 Jun 18 j 23:19 0ಂತಾ evening set -694 Aug 30 j 07:22 2° M 52'27 0.65470 AU -693 Jul 06 j 23:29  $0^{\circ}\Omega$ min. Earth dist. -694 Sep 01 j 05:01 -693 Jul 10 j 06:33  $0^{\circ}$  **m**  $40'15 - 2^{\circ}35'02$ desc. node 4°**Ω**29'37 inferior conj -694 Sep 01 j 08:48 0° m/29'18 2°33'42 -693 Jul 19 j 21:13 evening max el 15°**Ω**30'20 27°23'12 minimum elong -694 Sep 01 j 18:58 30°R€ -693 Aug 02 j 11:05 22°**Ω**50'43 retrograde -694 Sep 07 j 08:31 25°**Ω**01′28 -693 Aug 09 j 14:31 20°**Ω**07'59 morning rise evening set -694 Sep 09 j 05:39 -693 Aug 13 j 06:30 16°**Ω**48'17 0.64056 AU asc. node 24°**Ω**22'25 min. Earth dist. -694 Sep 10 j 04:32 -693 Aug 15 j 17:21 direct 24°**Ω**17'24 inferior conj 14°**Ω**13'24 -3°25'20 -694 Sep 16 j 18:26 14°**Ω**01'25 3°24'02 morning max el 27°**Ω**52'39 18°19'03 minimum elong -693 Aug 15 j 21:53 -694 Sep 18 j 16:25 0° m morning rise -693 Aug 22 j 06:10 8°**£**50′36 -694 Oct 05 j 19:46 26° m 19'49 direct -693 Aug 24 j 21:06 8°Ω15'55 morning set -694 Oct 08 j 01:42 0∘**⊽** -693 Aug 27 j 02:42 8°**Ω**41'19 asc. node desc. node -694 Oct 19 j 08:52 18°**♀**09'20 morning max el -693 Aug 31 j 09:48 11°Ω42'30 17°57'44 -693 Sep 12 j 21:19 0° M -694 Oct 20 j 17:28 20° 18'21 -0°08'53 -693 Sep 17 j 13:19 7° m 59'02 superior conj morning set -694 Oct 20 j 16:18 20°**£**13'46 0°08'44 minimum elong -694 Oct 20 j 06:49 19°**£**36'13 -693 Sep 30 j 09:52 29° m 32'38 0°37'49 behind sun begin superior conj -694 Oct 21 i 01:48 -693 Sep 30 i 13:52 behind sun end 20°**£**51'17 minimum elong 29° m 48'54 0°37'17 -694 Oct 23 i 01:14 -693 Sep 30 i 16:35 max. Earth dist. 23°**£**58'15 1.44938 AU 0∘**⊽** -693 Oct 05 i 18:42 -694 Oct 26 i 21:21 0°M max. Earth dist. 8°**£**11'32 1.44281 AU evening rise -694 Nov 06 i 03:56 16°ML04'40 desc. node -693 Oct 06 i 05:53 8°**£**55'59 -694 Nov 15 j 02:10 0°×7 -693 Oct 16 i 14:00 25°**2**05'59 evening rise greatest brilliancy -694 Nov 17 j 09:30 3°**₹**<sup>1</sup>32'55 -0.7m -693 Oct 19 j 18:36 0°M -694 Nov 29 j 23:05 20°×741'43 19°25'53 -693 Nov 09 j 11:22 0°×7 evening max el -694 Dec 06 j 04:54 24°**х** 46′01 evening max el -693 Nov 13 j 02:35 4°**₹**10'10 20°24'20 asc. node -694 Dec 07 j 03:50 24°**₹**51'09 retrograde retrograde -693 Nov 21 j 01:23 8°**х** 51′09 -694 Dec 10 j 13:30 23°**х** 43′30 asc. node -693 Nov 23 j 01:56 8°×27'46 evening set 17°**∡**¹49'03 -694 Dec 16 j 03:13 2°57'06 evening set -693 Nov 24 j 19:53 7°**∡**28'51 inferior conj -694 Dec 16 j 00:21 17°**∡**′58′18 2°56'19 -693 Nov 30 j 06:12 1°**х** 22′25 2°17′16 minimum elong inferior conj -694 Dec 17 j 08:44 16°**∡**13'33 0.66202 AU minimum elong -693 Nov 30 j 03:34 1°**₹**31'19 2°16'23 min. Earth dist. -694 Dec 21 j 10:57 11°**∡**³37′25 -693 Nov 30 j 22:54 0°**≯**25'57 0.67025 AU morning rise min. Earth dist. -694 Dec 27 j 16:52 8°**х** 51′54 -693 Dec 01 j 06:38 direct 30°RM -693 Jan 09 j 04:09 16°**⊀**14'35 26°00'04 morning max el morning rise -693 Dec 05 j 11:02 25°M08'59 desc. node -693 Jan 15 j 08:07 23°**х** 10′19 direct -693 Dec 11 j 02:34 22°M39'35 -693 Jan 20 j 14:36 0°궁 morning max el -693 Dec 22 j 12:29 29°M27'44 24°39'37 -693 Feb 08 j 22:33 0°≈ -693 Dec 23 j 01:08 0°**∡**7 morning set -693 Feb 14 j 09:42 9°≈48'14 desc. node -692 Jan 02 j 05:09 12° ₹ 15'57 max. Earth dist. -693 Feb 18 j 07:53 17°≈13'32 1.35562 AU -692 Jan 14 j 11:04 0°る

-692 Jan 27 j 14:01

morning set

21°る40'28

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 112 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | ical year style is used: Tl | ne year -900 in                                 | astronomical cour | nting style is the year | 901 BCE in historical cou | inting style.                |            |
|----------------------|-----------------------------|---|-------------------|-------------------------|---------------------------|------------------------------|------------|
| max. Earth dist.     | -692 Jan 31 j 06:05         | 28°る15'28                                       | 1.37430 AU        | max. Earth dist.        | -691 Jan 12 j 01:29       | 9° <b>る</b> 40'08            | 1.39529 AU |
|                      | -692 Feb 01 j 04:51         | 0° <b>≈</b>                                     |                   |                         |                           |                              |            |
|                      |                             |   |                   | superior conj           | -691 Jan 19 j 17:04       | 23° <b>る</b> 22'32           | -1°56'21   |
| superior conj        | -692 Feb 06 j 22:18         | 10°≈51'00                                       | -1°41'45          | minimum elong           | -691 Jan 19 j 19:32       | 23° <b>る</b> 33'54           | 1°56'15    |
| minimum elong        | -692 Feb 07 j 01:58         | 11° <b>≈</b> 08'51                              | 1°41'24           | Č                       | -691 Jan 23 j 05:58       | 0° <b>≈</b>                  |            |
| evening rise         | -692 Feb 15 j 10:53         | 27° <b>≈</b> 45'33                              |                   | evening rise            | -691 Jan 29 j 03:50       | 11° <b>≈</b> 19'29           |            |
|                      | -692 Feb 16 j 13:59         | 0° <b>∀</b>                                     |                   | asc. node               | -691 Feb 04 j 22:19       | 23° <b>≈</b> 58'18           |            |
| asc. node            | -692 Feb 19 j 01:17         | 4° <b>)</b> (49′21                              |                   |                         | -691 Feb 08 j 13:15       | 0° <b>)</b> €                |            |
| evening max el       | -692 Mar 03 j 08:30         | 25° <b>)</b> (04'41                             | 19°16'22          | evening max el          | -691 Feb 14 j 10:34       | 7° <b>)</b> € 30'46          | 18°33'57   |
| retrograde           | -692 Mar 12 j 08:04         | 29°\(\frac{1}{23}\)'16                          | 1, 1022           | retrograde              | -691 Feb 22 j 03:23       | 11° <b>X</b> 16'36           | 10 33 5 7  |
| evening set          | -692 Mar 14 j 13:35         | 29° <b>H</b> 08'31                              |                   | evening set             | -691 Feb 24 j 13:39       | 10° <b>¥</b> 55′25           |            |
| inferior conj        | -692 Mar 22 j 20:29         | 24° <b>H</b> 59'14                              | 1°58'09           | inferior conj           | -691 Mar 04 j 02:00       | 6° <b>∺</b> 26'59            | 3°08'15    |
| minimum elong        | -692 Mar 23 j 00:39         | 24° <b>X</b> 59'14                              | 1°56'53           | minimum elong           | -691 Mar 04 j 06:00       | 6° <b>∺</b> 19'10            | 3°07'27    |
| •                    |                             | 24 <del>X</del> 32 13<br>23° <del>X</del> 03'43 |                   | _                       | =                         |                              | 0.58263 AU |
| min. Earth dist.     | -692 Mar 25 j 18:01         |   | 0.56475 AU        | min. Earth dist.        | -691 Mar 07 j 11:42       | 3° <b>)</b> 48'43            | 0.38263 AU |
| desc. node           | -692 Mar 30 j 04:19         | 20° <b>)</b> (36′00                             |                   | morning rise            | -691 Mar 11 j 19:42       | 1° <b>)</b> €05'15           |            |
| morning rise         | -692 Mar 31 j 08:54         | 20° <b>)</b> €07'17                             |                   |                         | -691 Mar 14 j 17:15       | 30°R≈                        |            |
| direct               | -692 Apr 05 j 04:28         | 19° <b>米</b> 13′52                              |                   | desc. node              | -691 Mar 17 j 01:21       | 29° <b>≈</b> 38′00           |            |
| morning max el       | -692 Apr 19 j 08:38         | 26° <b>∺</b> 28′28                              | 25°11'37          | direct                  | -691 Mar 17 j 17:33       | 29° <b>≈</b> 36'50           |            |
|                      | -692 Apr 22 j 17:18         | $0^{\circ}\mathbf{\Upsilon}$                    |                   |                         | -691 Mar 20 j 18:48       | 0° <b>∀</b>                  |            |
|                      | -692 May 11 j 19:53         | $9^{\circ}$ 8                                   |                   | morning max el          | -691 Apr 01 j 01:40       | 7° <b>∺</b> 12'08            | 26°34'46   |
| morning set          | -692 May 15 j 22:15         | 8° <b>8</b> 22'38                               |                   |                         | -691 Apr 18 j 01:43       | $0$ ° $\Upsilon$             |            |
| asc. node            | -692 May 17 j 00:35         | 10° <b>8</b> 42'05                              |                   | morning set             | -691 Apr 30 j 09:06       | 23° <b>Y</b> 18'05           |            |
|                      |                             |   |                   | asc. node               | -691 May 03 j 21:39       | 0° <b>8</b> 49'38            |            |
| superior conj        | -692 May 22 j 22:13         | 23° <b>8</b> 30'10                              | 0°58'42           |                         | -691 May 03 j 12:29       | 0° <b>႘</b>                  |            |
| minimum elong        | -692 May 22 j 19:59         | 23° <b>8</b> 17'59                              | 0°58'18           |                         |                           |                              |            |
| max. Earth dist.     | -692 May 24 j 01:49         | 26° <b>8</b> 00'22                              | 1.32830 AU        | superior conj           | -691 May 07 j 09:49       | 8° <b>8</b> 29'55            | 0°36'21    |
|                      | -692 May 25 j 22:11         | 0° <b>I</b> I                                   |                   | minimum elong           | -691 May 07 j 08:17       | 8° <b>8</b> 21'29            | 0°36'02    |
| evening rise         | -692 May 30 j 02:06         | 8° <b>Ⅱ</b> 45'33                               |                   | max. Earth dist.        | -691 May 07 j 14:05       | 8° <b>8</b> 53'17            | 1.32433 AU |
| Ü                    | -692 Jun 10 j 08:45         | 0°ಅ   |                   | evening rise            | -691 May 14 j 08:56       | 23° <b>8</b> 31'47           |            |
| desc. node           | -692 Jun 26 j 03:34         | 22°951'40                                       |                   | <b>3</b>                | -691 May 17 j 12:51       | 0°II                         |            |
| evening max el       | -692 Jul 01 j 05:44         | 28°517'08                                       | 27°19'09          |                         | -691 Jun 04 j 09:39       | 0°50                         |            |
| evening max er       | -692 Jul 03 j 03:14         | 0°Ω   | 27 1707           | desc. node              | -691 Jun 13 j 00:36       | 10°903'35                    |            |
| retrograde           | -692 Jul 15 j 01:30         | 5° <b>Ω</b> 35'26                               |                   | evening max el          | -691 Jun 13 j 08:47       | 10° <b>©</b> 23'14           | 26°42'03   |
| evening set          | -692 Jul 22 j 05:25         | 3° <b>Ω</b> 09'01                               |                   | retrograde              | -691 Jun 27 j 08:24       | 17°539'08                    | 20 42 03   |
| min. Earth dist.     | -692 Jul 25 j 19:25         |   | 0.62301 AU        | evening set             | -691 Jul 04 j 01:59       | 17 \$3908<br>15°\$42'14      |            |
| iiiii. Eartii dist.  | -692 Jul 26 j 02:49         |   | 0.02301 AU        | •                       | 3                         |                              | 0.60299 AU |
| ::                   |                             | 30°Rூ<br>37°€3014€                              | 4907121           | min. Earth dist.        | -691 Jul 07 j 22:10       | 13°503'48                    |            |
| inferior conj        | -692 Jul 28 j 18:46         | 27°529'46                                       |                   | inferior conj           | -691 Jul 11 j 05:49       | 10°520'48                    |            |
| minimum elong        | -692 Jul 28 j 23:03         | 27°519'40                                       | 4°06'41           | minimum elong           | -691 Jul 11 j 08:11       | 10°9515'56                   |            |
| morning rise         | -692 Aug 04 j 18:00         | 22°526'20                                       |                   | morning rise            | -691 Jul 18 j 16:17       | 5°539'26                     |            |
| direct               | -692 Aug 07 j 06:21         | 21°958'13                                       |                   | direct                  | -691 Jul 21 j 04:06       | 5° <b>©</b> 15'57            |            |
| asc. node            | -692 Aug 12 j 23:46         | 24° <b>©</b> 26'54                              |                   | morning max el          | -691 Jul 28 j 12:41       | 8° <b>©</b> 50'59            | 18°10'44   |
| morning max el       | -692 Aug 14 j 00:51         | 25° <b>©</b> 24'15                              | 17°54'37          | asc. node               | -691 Jul 30 j 20:51       | 11° <b>©</b> 24'37           |            |
|                      | -692 Aug 17 j 21:04         | $0 {\circ} \Omega$                              |                   |                         | -691 Aug 11 j 06:28       | $0^{\circ}\Omega$            |            |
| morning set          | -692 Aug 30 j 04:21         | 20° <b>Ω</b> 39'51                              |                   | morning set             | -691 Aug 13 j 11:11       | 4° <b>Ω</b> 06'46            |            |
|                      | -692 Sep 04 j 09:40         | 0° <b>m</b>                                     |                   |                         |                           |                              |            |
|                      |                             |   |                   | superior conj           | -691 Aug 23 j 02:24       | 21° <b>Ω</b> 58′15           | 1°35'46    |
| superior conj        | -692 Sep 10 j 05:01         | 10° Mp 06'14                                    | 1°13'28           | minimum elong           | -691 Aug 23 j 05:53       | 22° <b>Ω</b> 13'55           | 1°35'30    |
| minimum elong        | -692 Sep 10 j 10:06         | 10° Mp 27′54                                    | 1°12'54           |                         | -691 Aug 27 j 15:24       | 0° <b>m</b> ∕                |            |
| max. Earth dist.     | -692 Sep 17 j 08:42         | 22° Mp 02'42                                    | 1.42990 AU        | max. Earth dist.        | -691 Aug 30 j 17:12       | 5° <b>m</b> 16'07            | 1.41230 AU |
| desc. node           | -692 Sep 22 j 02:53         | 29° <b>m</b> 41'50                              |                   | evening rise            | -691 Sep 04 j 20:55       | 13° <b>m</b> 48'27           |            |
|                      | -692 Sep 22 j 07:28         | 0∘ <b>⊽</b>                                     |                   | desc. node              | -691 Sep 08 j 23:55       | 20° m 23'55                  |            |
| evening rise         | -692 Sep 24 j 21:46         | 4° <b>£</b> 05'10                               |                   |                         | -691 Sep 15 j 05:43       | 0∘ <b>⊽</b>                  |            |
| C                    | -692 Oct 12 j 05:08         | 0°M.  |                   |                         | -691 Oct 07 j 14:17       | 0° <b>M</b>                  |            |
| evening max el       | -692 Oct 26 j 00:15         | 17°M38'27                                       | 21°34'46          | evening max el          | -691 Oct 08 j 16:26       | 1° <b>M</b> 07'43            | 22°52'54   |
| retrograde           | -692 Nov 03 j 22:11         | 22°M56'19                                       |                   | retrograde              | -691 Oct 18 j 16:45       | 7° <b>™</b> 04'20            |            |
| evening set          | -692 Nov 08 j 03:37         | 21°M17'21                                       |                   | evening set             | -691 Oct 23 j 10:59       | 5° <b>™</b> 07'19            |            |
| asc. node            | -692 Nov 08 j 22:59         | 20°M35'37                                       |                   | asc. node               | -691 Oct 26 j 20:03       | 1°M26'28                     |            |
| inferior conj        | -692 Nov 13 j 12:08         | 15°M02'11                                       | 1°31'08           | 450. HOGO               | -691 Oct 27 j 21:58       | 30°R <u>Ω</u>                |            |
| ·                    |                             |   |                   | inferior coni           |                           | 30 K==<br>28° <b>£</b> 47'00 | 0°40'26    |
| minimum elong        | -692 Nov 13 j 10:11         | 15°M08'55                                       | 1°30'23           | inferior conj           | -691 Oct 28 j 19:12       |                              |            |
| min. Earth dist.     | -692 Nov 13 j 17:24         | 14°M44'01                                       | 0.67492 AU        | minimum elong           | -691 Oct 28 j 18:16       | 28° <b>Ω</b> 50'14           | 0°40'02    |
| morning rise         | -692 Nov 18 j 16:36         | 8°M48'58  |                   | min. Earth dist.        | -691 Oct 28 j 13:54       | 29° <b>£</b> 05'15           | 0.67631 AU |
| direct               | -692 Nov 23 j 16:49         | 6°M40'54  | 22012114          | morning rise            | -691 Nov 03 j 01:28       | 22° <b>Ω</b> 36'13           |            |
| morning max el       | -692 Dec 03 j 21:43         | 12°M45'01                                       | 25~12'14          | direct                  | -691 Nov 07 j 10:54       | 20° <b>Ω</b> 50'44           | 21046155   |
|                      | -692 Dec 17 j 17:32         | 0° <b>₹</b>                                     |                   | morning max el          | -691 Nov 16 j 11:13       | 26° <b>₽</b> 09'15           | 21°46'53   |
| desc. node           | -692 Dec 19 j 02:10         | 1° <b>₹</b> 55'15                               |                   |                         | -691 Nov 19 j 22:46       | 0° <b>™</b>                  |            |
|                      | -691 Jan 06 j 08:24         | 0° <b>ろ</b>                                     |                   | desc. node              | -691 Dec 05 j 23:12       | 21°M58'50                    |            |
| morning set          | -601 Ian 07 i 16:51         | 20天1/1/10                                       |                   |                         | -691 Dec 11 i 06:56       | 0∘ ∡                         |            |

morning set

-691 Jan 07 j 16:51

2°**る**14'49

-691 Dec 11 j 06:56

0°**∡**¹

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 113 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom               | ical year style is used: T                 | he year -900 in                            | astronomical cou | nting style is the year   | 901 BCE in historical cou                  | inting style.                          |             |
|-----------------------------------|--|--|------------------|---------------------------|--|--|-------------|
| morning set                       | -691 Dec 18 j 14:34                        | 11° <b>∡</b> 25′33                         |                  |                           | -690 Nov 14 j 15:28                        | $0^{\circ}$ M                          |             |
| max. Earth dist.                  | -691 Dec 25 j 01:00                        |  | 1.41585 AU       | desc. node                | -690 Nov 22 j 20:15                        | 12°M19'57                              |             |
|                                   | -691 Dec 29 j 20:09                        | 0°ප  |                  | morning set               | -690 Nov 27 j 14:25                        | 19°M39'18                              |             |
|                                   |  | _  |                  |                           | -690 Dec 04 j 04:34                        | 0° <b>∡</b>                            |             |
| superior conj                     | -690 Jan 01 j 15:59                        | 4° <b>る</b> 54'12                          |                  | max. Earth dist.          | -690 Dec 07 j 07:40                        | 5° <b>∡</b> 00'27                      | 1.43316 AU  |
| minimum elong                     | -690 Jan 01 j 15:16                        | 4° <b>る</b> 51'03                          | 2°00'39          |                           |  | _                                      |             |
| evening rise                      | -690 Jan 12 j 09:02                        | 24° <b>る</b> 15'38                         |                  | superior conj             | -690 Dec 13 j 13:51                        | 15° <b>∡</b> 14'43                     |             |
|                                   | -690 Jan 15 j 12:02                        | 0° <b>≈</b>                                |                  | minimum elong             | -690 Dec 13 j 08:28                        | 14° <b>₹</b> 52'24                     | 1°49'51     |
| asc. node                         | -690 Jan 22 j 19:22                        | 12° <b>≈</b> 36′09                         |                  |                           | -690 Dec 22 j 06:05                        | 0°る                                    |             |
| evening max el                    | -690 Jan 28 j 19:03                        | 20° <b>≈</b> 22'53                         | 18°11'39         | evening rise              | -690 Dec 25 j 22:24                        | 6° <b>る</b> 25'46                      |             |
| retrograde                        | -690 Feb 04 j 16:40                        | 23° <b>≈</b> 51'51                         |                  |                           | -689 Jan 09 j 06:11                        | 0° <b>≈</b>                            |             |
| evening set                       | -690 Feb 07 j 07:24                        | 23° <b>≈</b> 22'35                         |                  | asc. node                 | -689 Jan 09 j 16:25                        | 0° <b>≈</b> 33′20                      |             |
| inferior conj                     | -690 Feb 14 j 03:59                        | 18° <b>≈</b> 33'08                         | 3°43'58          | evening max el            | -689 Jan 12 j 06:58                        | 3° <b>≈</b> 33'01                      | 18°08'58    |
| minimum elong                     | -690 Feb 14 j 05:51                        | 18°≈28'53                                  | 3°43'48          | retrograde                | -689 Jan 18 j 19:50                        | 6°≈59'01                               |             |
| min. Earth dist.                  | -690 Feb 17 j 11:08                        | 15° <b>≈</b> 34'48                         | 0.60331 AU       | evening set               | -689 Jan 21 j 14:48                        | 6°≈20'34                               |             |
| morning rise                      | -690 Feb 21 j 02:26                        | 12°≈50'16                                  |                  | inferior conj             | -689 Jan 27 j 23:06                        |  | 3°52'30     |
| direct                            | -690 Feb 27 j 18:43                        | 10° <b>≈</b> 43'59                         |                  | minimum elong             | -689 Jan 27 j 22:43                        | 1°≈11'28                               | 3°52'29     |
| desc. node                        | -690 Mar 03 j 22:24                        | 11°≈29'35                                  | 27220111         | e e e e e                 | -689 Jan 29 j 02:13                        | 30°Rる                                  | 0.60065.433 |
| morning max el                    | -690 Mar 14 j 00:40                        | 18°≈30'45                                  | 27°28'44         | min. Earth dist.          | -689 Jan 30 j 18:49                        | 28°る16'21                              | 0.62365 AU  |
|                                   | -690 Mar 23 j 16:52                        | 0° <b>\</b>                                |                  | morning rise              | -689 Feb 03 j 05:33                        | 25°る14'39                              |             |
|                                   | -690 Apr 10 j 17:02                        | 0° <b>Υ</b>                                |                  | direct                    | -689 Feb 10 j 05:38                        | 22° <b>る</b> 38'50                     |             |
| morning set                       | -690 Apr 14 j 16:58                        | 8° <b>℃</b> 02'47                          |                  | desc. node                | -689 Feb 18 j 19:26                        | 25° <b>る</b> 52'59                     |             |
| asc. node                         | -690 Apr 20 j 18:41                        | 21° <b>Y</b> ′00'57                        |                  |                           | -689 Feb 23 j 17:11                        | 0° <b>≈</b>                            | 25046125    |
| max. Earth dist.                  | -690 Apr 21 j 02:46                        | 21° <b>Y</b> 45'08                         | 1.32398 AU       | morning max el            | -689 Feb 24 j 05:29                        | 0° <b>≈</b> 30'06                      | 27°46'35    |
|                                   | (00 4 01:01.00                             | 2200026142                                 | 0011144          |                           | -689 Mar 17 j 17:48                        | 0° <b>)</b> {                          |             |
| superior conj                     | -690 Apr 21 j 21:20                        | 23° <b>Y</b> 26'43                         | 0°11'44          | morning set               | -689 Mar 29 j 19:49                        | 22° <b>)</b> €29'35                    |             |
| minimum elong                     | -690 Apr 21 j 20:48                        | 23° <b>Y</b> 23'49                         | 0°11'38          | D d E c                   | -689 Apr 02 j 10:46                        | 0°Υ<br>4° <b>Ω</b> 23225               | 1 22740 444 |
| behind sun begin                  | -690 Apr 21 j 17:22                        | 23° <b>Y</b> 05'01                         |                  | max. Earth dist.          | -689 Apr 04 j 12:04                        | 4 1 22 35                              | 1.32740 AU  |
| behind sun end                    | -690 Apr 22 j 00:14                        | 23° <b>Y</b> 42'37                         |                  |                           | 600 A 06:07.06                             | 000014152                              | 001.412.0   |
|                                   | -690 Apr 24 j 21:10                        | 0° <b>8</b>                                |                  | superior conj             | -689 Apr 06 j 07:06                        | 8°Υ14'53                               |             |
| evening rise                      | -690 Apr 28 j 19:10                        | 8° <b>8</b> 25'42                          |                  | minimum elong             | -689 Apr 06 j 07:47                        | 8° <b>Υ</b> 18'32<br>8° <b>Υ</b> 05'54 | 0°14'11     |
|                                   | -690 May 10 j 00:51                        | 0°Ⅱ<br>21°Ⅲ42220                           | 25924125         | behind sun begin          | -689 Apr 06 j 05:27                        | 8° <b>Υ</b> 31'10                      |             |
| evening max el                    | -690 May 26 j 04:52                        | 21° <b>Ⅱ</b> 43'30<br>25° <b>Ⅱ</b> 35'41   | 25*34*35         | behind sun end            | -689 Apr 06 j 10:07                        | 11°Υ12'05                              |             |
| desc. node                        | -690 May 30 j 21:40                        | 28° <b>I</b> I 55'13                       |                  | asc. node                 | -689 Apr 07 j 15:45                        |  |             |
| retrograde<br>evening set         | -690 Jun 09 j 06:12<br>-690 Jun 15 j 00:15 | 28°Щ35°13<br>27°Щ36'55                     |                  | evening rise              | -689 Apr 13 j 06:54                        | 23° <b>Y</b> 20'41<br>0° <b>႘</b>      |             |
| Č                                 |  | 24° <b>Ц</b> 53'59                         | 0.58252 AU       |                           | -689 Apr 16 j 12:06                        | 0°U                                    |             |
| min. Earth dist.                  | -690 Jun 19 j 17:00<br>-690 Jun 22 j 22:52 | 24 <b>II</b> 33 39<br>22° <b>II</b> 35'48  |                  | avanina may al            | -689 May 05 j 10:14<br>-689 May 07 j 20:11 | 0 П<br>2°П29'26                        | 24906!11    |
| inferior conj                     | -690 Jun 22 j 22:32                        | 22° <b>I</b> I33'48<br>22° <b>I</b> I38'32 |                  | evening max el desc. node | -689 May 17 j 18:41                        | 2° <b>П</b> 29'26<br>8° <b>П</b> 52'09 |             |
| minimum elong<br>morning rise     | -690 Jun 30 j 21:05                        | 22 <b>П</b> 3832<br>18° <b>П</b> 16'50     | 4 38 23          |                           | -689 May 21 j 16:24                        | 9° <b>П</b> 26'57                      |             |
| direct                            | -690 Jul 03 j 09:47                        | 17° <b>∏</b> 56'45                         |                  | retrograde<br>evening set | -689 May 26 j 00:53                        | 9 <b>II</b> 2037<br>8° <b>II</b> 44'49 |             |
| morning max el                    | -690 Jul 11 j 18:12                        | 17 <b>II</b> 30 43<br>21° <b>II</b> 52'49  | 18°47'04         | min. Earth dist.          | -689 Jun 01 j 07:30                        |  | 0.56479 AU  |
| asc. node                         | -690 Jul 17 j 17:55                        | 21 <b>H</b> 3249<br>29° <b>H</b> 18'28     | 18 4/04          | inferior conj             | -689 Jun 03 j 19:47                        | 3 Щ41 34<br>4°Щ08'11                   |             |
| asc. Houe                         | -690 Jul 17 j 17:33                        | 29 <b>п</b> 18 28                          |                  | minimum elong             | -689 Jun 03 j 13:57                        | 4° <b>Ⅱ</b> 17'18                      |             |
| morning set                       | -690 Jul 28 j 05:14                        | 18° <b>9</b> 06'46                         |                  | morning rise              | -689 Jun 12 j 05:56                        | 0° <b>П</b> 06'55                      | 4 04 00     |
| morning set                       | -690 Aug 03 j 07:25                        | 0°Ω  |                  | morning risc              | -689 Jun 12 j 19:44                        | 30°R <b>と</b>                          |             |
|                                   | -090 Aug 03 J 07.23                        | 0 86                                       |                  | direct                    | -689 Jun 14 j 20:28                        | 29° <b>8</b> 49'03                     |             |
| superior conj                     | -690 Aug 05 j 20:30                        | 4° <b>Ω</b> 52'08                          | 1°46'08          | uncet                     | -689 Jun 16 j 20:09                        | 0°Ⅱ                                    |             |
| minimum elong                     | -690 Aug 05 j 21:43                        | 4° <b>Ω</b> 57'57                          | 1°46'06          | morning max el            | -689 Jun 24 j 14:34                        | 0 H<br>4°H20'18                        | 19°44'16    |
| max. Earth dist.                  | -690 Aug 12 j 20:32                        | 17° <b>Ω</b> 43'29                         | 1.39237 AU       | asc. node                 | -689 Jul 04 j 14:58                        | 17° <b>∏</b> 55'40                     | 17 44 10    |
| evening rise                      | -690 Aug 16 j 20:24                        | 24°Ω40'24                                  | 1.39237 AU       | asc. node                 | -689 Jul 11 j 00:55                        | 0°9                                    |             |
| evening rise                      | -690 Aug 20 j 00:33                        | 0° <b>m</b> )                              |                  | morning set               | -689 Jul 12 j 07:08                        | 2° <b>©</b> 31'16                      |             |
| desc. node                        | -690 Aug 26 j 20:59                        | 10° <b>m</b> ) 57'46                       |                  | morning set               | -007 Jul 12 J 07.00                        | 2 331 10                               |             |
| dese. Hode                        | -690 Sep 08 j 23:37                        | 0° <b>⊽</b>                                |                  | superior conj             | -689 Jul 20 j 05:46                        | 18° <b>©</b> 32'16                     | 1°46'51     |
| evening max el                    | -690 Sep 21 j 05:01                        | 0 <del>=</del><br>14° <b>£</b> 39'47       | 24913107         | minimum elong             | -689 Jul 20 j 05:05                        | 18°928'55                              | 1°46'50     |
| retrograde                        | -690 Oct 02 j 07:54                        | 21° <b>⊆</b> 11'31                         | 24 13 07         | max. Earth dist.          | -689 Jul 25 j 23:47                        | 29° <b>©</b> 38'45                     | 1.37278 AU  |
| evening set                       | -690 Oct 02 j 07:34                        | 18° <b>£</b> 56'29                         |                  | max. Larm dist.           | -689 Jul 26 j 04:19                        | 29 <b>3</b> 3843                       | 1.51210 AU  |
| •                                 | -690 Oct 12 j 10:01                        |  | 0.67449 AU       | avaning risa              |  | 6° <b>Ω</b> 42'04                      |             |
| min. Earth dist.<br>inferior conj | -690 Oct 12 j 10:01<br>-690 Oct 13 j 01:37 | 13° <b>Ω</b> 27'35<br>12° <b>Ω</b> 34'55   |                  | evening rise              | -689 Jul 29 j 20:01<br>-689 Aug 12 j 21:22 | 0° Mp                                  |             |
| minimum elong                     | -690 Oct 13 j 01:57                        | 12 <b>≗</b> 34 33<br>12° <b>≗</b> 33'49    |                  | desc. node                | -689 Aug 13 j 18:02                        | 1°Mp 18'25                             |             |
| transit middle                    | -690 Oct 13 j 01:57                        | 12 <b>2</b> 33 49<br>12° <b>2</b> 33'49    |                  | evening max el            |  | 28° My 15'28                           | 25°28'11    |
|                                   |  | 12° <b>2</b> 33′49<br>12° <b>2</b> 39′11   | 0 13 14          | evening max ei            | -689 Sep 03 j 16:27                        | 0₀ <b>ರ</b><br>78. ಟಿ12,58             | 23 20 11    |
| transit begin<br>transit end      | -690 Oct 13 j 00:21<br>-690 Oct 13 j 03:32 | 12° <b>2</b> 28'28                         |                  | retrograde                | -689 Sep 05 j 13:11<br>-689 Sep 15 j 18:37 | 5° <b>ഫ</b> 13'08                      |             |
| asc. node                         | -690 Oct 13 j 03:32                        | 12° <b>22</b> 28′28<br>11° <b>2</b> 42'55  |                  | evening set               | -689 Sep 21 j 17:42                        | 2° <b>£</b> 42'00                      |             |
| morning rise                      | -690 Oct 18 j 11:37                        | 6° <b>£</b> 29'08                          |                  | evening set               | -689 Sep 24 j 08:44                        | 2 <b>==</b> 4200<br>30°RM)             |             |
| direct                            | -690 Oct 18 j 11.37                        | 5° <b>£</b> 04'51                          |                  | min. Earth dist.          | -689 Sep 26 j 03:13                        | -                                      | 0.66949 AU  |
| morning max el                    | -690 Oct 22 j 07:30                        | 9° <b>£</b> 42'54                          | 20°30'25         | inferior conj             | -689 Sep 27 j 05:37                        | 26° Th 23'16                           |             |
| morning max ci                    | 070 OCL 30 J 07.34                         | ) <del>==</del> 42.34                      | 20 3023          | interior conj             | 007 Sep 27 J 03.37                         | 20 IV23 IO                             | 1 004/      |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -689 Sep 27 i 07:20 26° m 17'43 1°08'05 asc. node -688 Sep 16 j 11:11 4° m 12'55 minimum elong -689 Sep 30 j 14:09 22° m/22'12 -688 Sep 19 j 04:10 3°m31'24 asc node direct 20° m 25'23 -688 Sep 25 j 21:36 -689 Oct 02 j 21:08 7° **m**) 15'07 morning rise morning max el 18°39'12 -689 Oct 06 j 06:11 -688 Oct 11 j 18:47 19° Mp 19'22 0∘Ω direct -689 Oct 13 j 11:24 -688 Oct 16 j 12:30 7°**£**34'05 morning max el 23° Mp 25'34 19°27'05 morning set 23°**₽**34'02 -689 Oct 18 j 22:22 0∘**⊽** desc. node -688 Oct 26 j 14:20  $0^{\circ}$ M morning set -689 Nov 06 j 14:28 28°**£**01'53 -688 Oct 30 j 16:19 -689 Nov 07 j 20:51  $0^{\circ}M$ desc. node -689 Nov 09 j 17:17 2°M52'55 superior conj -688 Nov 01 j 10:43 2°M46'44 -0°37'33 max. Earth dist. -689 Nov 19 j 21:20  $18^{\circ}$ M $_{50}$ '061.44502 AU minimum elong -688 Nov 01 j 05:49 2°M27'29 0°36'55 max. Earth dist. -688 Nov 01 j 15:29  $3^{\circ}$ M05'281.44995 AU -689 Nov 23 j 09:02 superior conj 24°M22'42 -1°21'41 evening rise -688 Nov 17 j 09:00 27°M57'27 -689 Nov 23 j 00:55 minimum elong 23°M50'19 1°20'52 -688 Nov 18 j 15:44 0°**∡**7 -689 Nov 26 j 21:05 0°**√** greatest brilliancy -688 Nov 25 j 06:24 10°**∡**'32'14 -0.8m evening rise -689 Dec 07 j 15:28 17°**∡**¹41'04 -688 Dec 08 j 22:40 0°정 -689 Dec 15 j 00:50 0°궁 evening max el -688 Dec 09 j 05:59 0°る19'08 18°58'52 evening max el -689 Dec 26 j 19:27 16°**る**53'22 18°25'03 asc. node -688 Dec 13 j 10:27 3°**る**33'46 asc. node -689 Dec 27 j 13:27 17°る37'09 retrograde -688 Dec 16 j 02:52 4°る13'14 retrograde -688 Jan 02 j 08:26 20°る28'15 evening set -688 Dec 19 j 08:29 3°る12'49 evening set -688 Jan 05 j 08:09 19°る39'30 -688 Dec 22 j 22:02 30°R ×7 inferior conj -688 Jan 11 j 07:16 14°る10'12 3°41'23 inferior conj -688 Dec 25 j 00:59 27°**∡**¹26'34 3°16'17 minimum elong -688 Jan 11 i 05:18 14°**る**15'51 3°41'08 minimum elong -688 Dec 24 i 22:15 27°**х** 35′05 3°15'42 min. Earth dist. -688 Jan 13 i 11:57 11°**る**39'14 0.64149 AU min. Earth dist. -688 Dec 26 j 14:30 25°**х** 29'38 0.65569 AU morning rise -688 Jan 17 i 01:55 8°**ප**06'16 morning rise -688 Dec 30 i 11:45 21°**х** 17′15 direct -688 Jan 24 j 00:04 5°る15'41 direct -687 Jan 06 j 00:52 18°**∡** 26'39 -688 Feb 05 j 16:28 12°る11'20 -687 Jan 18 j 23:35 26°×701'36 26°39'12 desc. node morning max el -688 Feb 06 j 13:56 13°る03'46 27°28'22 -687 Jan 22 j 13:31 29°**х** 52′38 morning max el desc node -688 Feb 20 j 05:34 -687 Jan 22 j 16:06 0°정 0°≈≈ -688 Mar 09 j 06:19 0°**)**€ -687 Feb 12 j 18:36 0°≈ 6°**)**€28'54 -688 Mar 12 j 14:58 -687 Feb 23 j 22:57 19°≈50'14 morning set morning set 16° **∺**32'22 1.33490 AU -687 Feb 28 j 05:23 max. Earth dist. -688 Mar 17 j 14:00 max. Earth dist. 28°≈08'19 1.34684 AU -687 Mar 01 j 03:44 0°**)**€ -688 Mar 20 j 13:15 22°\dagger47'27 -0°40'54 superior conj -688 Mar 20 j 15:12 -687 Mar 04 j 13:37 6°\ 57'39 -1°06'45 minimum elong 22°**\**57'45 0°40'30 superior conj -688 Mar 23 j 22:10  $0^{\circ}\Upsilon$ -687 Mar 04 j 16:41 7° **★**13'29 1°06'14 minimum elong 1°Y18'15 -688 Mar 24 j 12:47 -687 Mar 11 j 09:49 asc. node asc. node 21°**)** 15'14 -688 Mar 27 j 18:14 8°Y09'38 evening rise evening rise -687 Mar 12 j 03:23 22°**)** 46'26 -688 Apr 08 j 08:27  $0^{\circ}$ 8 -687 Mar 15 j 16:56  $0^{\circ}\Upsilon$ evening max el -688 Apr 18 j 12:22 13°**8**05'51 22°31'02 evening max el -687 Mar 31 j 11:53 24°Υ00'34 21°02'38 retrograde -688 May 01 j 13:34 19°**8**31'20 retrograde -687 Apr 12 j 02:57 29° Y 37'51 desc. node -688 May 03 j 15:41 19°**8**21'40 evening set -687 Apr 14 j 09:46 29°Y25'38 -688 May 04 j 14:17 19°**8**11'11 -687 Apr 20 j 12:42 27° Y 11'39 evening set desc. node -688 May 12 j 20:25 15°**8**36'51 0.55322 AU -687 Apr 23 j 17:07 25°**Y**27'09 -0°54'27 min. Earth dist. inferior conj -688 May 13 j 22:44 14°859'28 -2°47'01 -687 Apr 23 j 14:32 25° Y 30'48 0° 53'31 inferior conj minimum elong -688 May 13 j 15:59 15°809'05 2°44'59 min. Earth dist. -687 Apr 24 j 09:26 25°Υ04'04 0.55039 AU minimum elong -688 May 22 j 19:37 21°Y22'03 morning rise 11°805'04 morning rise -687 May 02 j 19:08 -688 May 25 j 14:24 20°Y59'18 direct 10°847'14 direct -687 May 06 i 00:58 -688 Jun 05 i 23:56 27°**Υ**10'25 22°35'12 morning max el 16°806'04 21°01'38 morning max el -687 May 18 j 22:51 -688 Jun 16 j 12:58  $\mathbb{I}^{\circ 0}$ -687 May 21 j 16:55 0°8 -688 Jun 20 j 12:02 7°**Ⅱ**05'53 -687 Jun 07 j 09:05 26°840'18 asc node asc. node -688 Jun 25 j 14:21 17°**Ⅲ**13'42 -687 Jun 09 j 00:15  $\Pi^{\circ}0$ morning set -688 Jul 01 j 17:41 0ಂತಾ -687 Jun 10 j 00:48 2°II07'23 morning set -688 Jul 03 j 01:49 2°546'04 1°40'03 superior conj -687 Jun 17 j 05:14 17°**Ⅲ**22'57 1°27'25 superior conj minimum elong -688 Jul 02 j 23:54 2°936'16 1°39'55 minimum elong -687 Jun 17 j 02:46 17°**Ⅱ**09'52 1°27'07 max. Earth dist. -688 Jul 07 j 09:15 11°529'02 1.35561 AU max. Earth dist. -687 Jun 20 j 04:02 23°**Д**34'26 1.34196 AU -688 Jul 11 j 15:18 evening rise 19°9542'13 -687 Jun 23 j 07:38 000 -688 Jul 17 j 07:20  $0^{\circ}\Omega$ -687 Jun 25 j 01:18 3°926'34 evening rise -688 Jul 30 j 15:02 21°**Ω**19'39 -687 Jul 10 j 02:44 0° $\Omega$ desc. node -688 Aug 05 j 21:33 -687 Jul 17 j 12:02 10°**Ω**52'32 0° m desc. node -688 Aug 16 j 04:12 -687 Jul 29 j 15:56 25°**Ω**16'40 27°11'28 evening max el 11° To 51'04 26°30'12 evening max el retrograde -688 Aug 29 j 00:15 19° m 03'55 -687 Aug 04 j 11:52 0° m evening set -688 Sep 04 j 13:11 16° Mp 21'17 retrograde -687 Aug 12 j 00:23 2° m 36'03 min. Earth dist. -688 Sep 08 j 15:05 12° Mp 05'10 0.66112 AU -687 Aug 18 j 19:04 30°R€ inferior conj -688 Sep 10 j 05:19  $10^{\circ}$  **m**  $09'19 - 2^{\circ}04'05$ evening set -687 Aug 19 j 00:14 29°**Ω**49'53 -688 Sep 10 j 08:24 9° m 59'57 2°02'54 -687 Aug 22 j 19:13 26°**Ω**10'56 0.64913 AU minimum elong min. Earth dist.

-688 Sep 16 j 03:59

morning rise

4° m 22'34

inferior conj

23°**Ω**48'12 -2°57'05

-687 Aug 24 j 22:29

| •                   | •                   |                                       | •            |                  | 901 BCE in historical cou |                         | ge 113                     |
|---------------------|---------------------|---------------------------------------|--------------|------------------|---------------------------|-------------------------|----------------------------|
| minimum elong       | -687 Aug 25 j 02:40 | 23° <b>Ω</b> 36'30                    |              | inferior conj    | -686 Aug 08 j 06:32       | $7^{\circ}\Omega$ 14'41 | 2011/22                    |
| =                   |                     | 18° <b>Ω</b> 15'56                    | 2 33 42      | minimum elong    |                           | 7° <b>Ω</b> 03'06       |                            |
| morning rise        | -687 Aug 31 j 05:48 |                                       |              | _                | -686 Aug 08 j 11:08       |                         | 3-43-24                    |
| direct              | -687 Sep 02 j 23:27 | 17° <b>Ω</b> 36'09                    |              | morning rise     | -686 Aug 14 j 23:43       | 2° <b>Ω</b> 00'05       |                            |
| asc. node           | -687 Sep 03 j 08:14 | 17° <b>Ω</b> 36'52                    | 10005156     | direct           | -686 Aug 17 j 13:14       | 1° <b>£</b> 28'35       |                            |
| morning max el      | -687 Sep 09 j 11:52 | 21° <b>Ω</b> 06′22                    | 18°0/'56     | asc. node        | -686 Aug 21 j 05:19       | 2° <b>Ω</b> 34'04       | 15054110                   |
|                     | -687 Sep 16 j 07:16 | 0° <b>m</b>                           |              | morning max el   | -686 Aug 24 j 03:31       | 4° <b>£</b> 53'46       | 17°54'10                   |
| morning set         | -687 Sep 27 j 14:55 | 18° <b>m</b> 29′25                    |              |                  | -686 Sep 09 j 10:01       | 0° <b>m</b>             |                            |
|                     | -687 Oct 04 j 13:59 | 0∘ <b>⊽</b>                           |              | morning set      | -686 Sep 09 j 18:16       | 0° <b>™</b> 36′08       |                            |
|                     | (07.0 + 11 : 15.40  | 110000                                | 0011154      |                  | (0) (0 21:10.02           | 210m-12112              | 0054122                    |
| superior conj       | -687 Oct 11 j 15:48 | 11° <b>£</b> 25'51                    |              | superior conj    | -686 Sep 21 j 19:02       | 21° Mp 12'13            | 0°54'33                    |
| minimum elong       | -687 Oct 11 j 17:15 | 11° <b>£</b> 31'40                    | 0°11'41      | minimum elong    | -686 Sep 21 j 23:57       | 21° m/32'39             | 0°53'56                    |
| behind sun begin    | -687 Oct 11 j 09:42 | 11° <b>≏</b> 01'30                    |              | The state of     | -686 Sep 27 j 04:01       | 0° <b>⊽</b>             | 1 12506 177                |
| behind sun end      | -687 Oct 12 j 00:48 | 12° <b>£</b> 01'48                    |              | max. Earth dist. | -686 Sep 28 j 02:18       | 1° <b>£</b> 29'39       | 1.43796 AU                 |
| desc. node          | -687 Oct 13 j 11:21 | 14° <b>£</b> 19'17                    |              | desc. node       | -686 Sep 30 j 08:22       | 5° <b>Ω</b> 05'40       |                            |
| max. Earth dist.    | -687 Oct 15 j 10:18 | 17° <b>£</b> 25'14                    | 1.44743 AU   | evening rise     | -686 Oct 07 j 10:39       | 16° <b>≏</b> 12'32      |                            |
|                     | -687 Oct 23 j 10:54 | 0°M                                   |              |                  | -686 Oct 16 j 12:07       | 0° <b>M</b>             |                            |
| evening rise        | -687 Oct 28 j 04:00 | 7° <b>M</b> 19′09                     |              | evening max el   | -686 Nov 05 j 13:19       | 27°M13'49               | 20°53'05                   |
| greatest brilliancy | -687 Nov 10 j 06:01 | 27°M21'48                             | -0.7m        |                  | -686 Nov 08 j 15:02       | 0°⊀                     |                            |
|                     | -687 Nov 12 j 00:38 | 0°⊀                                   |              | retrograde       | -686 Nov 13 j 21:38       | 2° <b>҂</b> 10′39       |                            |
| evening max el      | -687 Nov 22 j 12:25 | 13° <b>∡</b> ⁴46'29                   | 19°49'01     | asc. node        | -686 Nov 17 j 04:32       | 1° <b>₹</b> 09'12       |                            |
| retrograde          | -687 Nov 30 j 00:04 | 18° <b>≯</b> 08'38                    |              | evening set      | -686 Nov 17 j 20:28       | 0° <b>҂</b> 741'32      |                            |
| asc. node           | -687 Nov 30 j 07:29 | 18° <b>₰</b> 08'05                    |              |                  | -686 Nov 18 j 16:24       | 30°₽ <b>M</b> J         |                            |
| evening set         | -687 Dec 03 j 13:17 | 16° <b>渘</b> 54′50                    |              | inferior conj    | -686 Nov 23 j 05:48       | 24°M30'44               | 1°58'24                    |
| inferior conj       | -687 Dec 09 j 01:18 | 10° <b>∡</b> 754'38                   | 2°41'06      | minimum elong    | -686 Nov 23 j 03:25       | 24°M38'56               | 1°57'31                    |
| minimum elong       | -687 Dec 08 j 22:29 | 11° <b>∡</b> ¹03'59                   | 2°40'15      | min. Earth dist. | -686 Nov 23 j 17:29       | 23°M50'45               | 0.67255 AU                 |
| min. Earth dist.    | -687 Dec 10 j 01:06 | 9° <b>∡</b> ³35'59                    | 0.66594 AU   | morning rise     | -686 Nov 28 j 10:10       | 18°M16'54               |                            |
| morning rise        | -687 Dec 14 j 07:29 | 4° <b>∡</b> ¹41'59                    |              | direct           | -686 Dec 03 j 19:05       | 15°M56'14               |                            |
| direct              | -687 Dec 20 j 07:22 | 2° <b>҂</b> 102'46                    |              | morning max el   | -686 Dec 14 j 17:12       | 22°M27'17               | 24°02'47                   |
| morning max el      | -686 Jan 01 j 08:42 | 9° <b>∡</b> 12'14                     | 25°27'26     |                  | -686 Dec 21 j 07:50       | 0° <b>∡</b> ¹           |                            |
| desc. node          | -686 Jan 09 j 10:34 | 18° <b>∡</b> ³32'33                   |              | desc. node       | -686 Dec 27 j 07:37       | 7° <b>∡</b> ¹53'36      |                            |
|                     | -686 Jan 17 j 19:07 | 0°ರ                                   |              |                  | -685 Jan 11 j 03:20       | 0°ರ                     |                            |
|                     | -686 Feb 05 j 08:00 | 0° <b>≈</b>                           |              | morning set      | -685 Jan 19 j 09:27       | 13° <b>る</b> 41'30      |                            |
| morning set         | -686 Feb 06 j 15:09 | 2° <b>≈</b> 20'16                     |              | max. Earth dist. | -685 Jan 23 j 05:07       | 20°る23'19               | 1.38299 AU                 |
| max. Earth dist.    | -686 Feb 10 j 09:18 | 9° <b>≈</b> 17'13                     | 1.36316 AU   |                  | -685 Jan 28 j 11:11       | 0° <b>≈</b>             |                            |
|                     | J                   |                                       |              |                  | · ·                       |                         |                            |
| superior conj       | -686 Feb 16 j 05:31 | 20° <b>≈</b> 37'54                    | -1°30'12     | superior conj    | -685 Jan 30 j 09:16       | 3° <b>≈</b> 37'35       | -1°48'57                   |
| minimum elong       | -686 Feb 16 j 09:13 | 20°≈56'24                             | 1°29'44      | minimum elong    | -685 Jan 30 j 12:38       | 3° <b>≈</b> 53'38       | 1°48'41                    |
|                     | -686 Feb 20 j 20:50 | 0° <b>∀</b>                           |              | evening rise     | -685 Feb 08 j 06:28       | 20°≈56'48               |                            |
| evening rise        | -686 Feb 24 j 08:18 | 7° <b>₩</b> 04'48                     |              | C                | -685 Feb 12 j 23:13       | 0° <b>∀</b>             |                            |
| asc. node           | -686 Feb 26 j 06:50 | 10° <b>¥</b> 58'27                    |              | asc. node        | -685 Feb 13 j 03:53       | 0° <b>)</b> 21'44       |                            |
|                     | -686 Mar 09 j 05:27 | $_{0}$ $^{\circ}$ $\mathbf{Y}$        |              | evening max el   | -685 Feb 24 j 19:30       | 17° <b>)</b> 38′52      | 18°55'54                   |
| evening max el      | -686 Mar 13 j 22:23 | 5° <b>Ƴ</b> 31'10                     | 19°49'43     | retrograde       | -685 Mar 05 j 04:49       | 21° <b>)</b> (41'37     |                            |
| retrograde          | -686 Mar 23 j 20:33 | 10° <b>Y</b> 16′24                    |              | evening set      | -685 Mar 07 j 12:07       | 21° <b>)</b> €24'34     |                            |
| evening set         | -686 Mar 25 j 23:57 | 10° <b>Ƴ</b> 04'05                    |              | inferior conj    | -685 Mar 15 j 11:00       | 17° <b>)</b> €07'58     | 2°32'18                    |
| inferior conj       | -686 Apr 03 j 17:29 | 6°Υ02'22                              | 1°01'41      | minimum elong    | -685 Mar 15 j 15:29       | 16° <b>)</b> 59′57      | 2°31'07                    |
| minimum elong       | -686 Apr 03 j 20:05 | 5° <b>Υ</b> 58'21                     | 1°00'49      | min. Earth dist. | -685 Mar 18 j 15:55       | 14° <b>)</b> (51'39     | 0.57175 AU                 |
| min. Earth dist.    | -686 Apr 05 j 23:42 | 4° <b>Υ</b> 38'44                     | 0.55705 AU   | morning rise     | -685 Mar 23 j 15:51       | 12° <b>)</b> €02'05     | 0.07170110                 |
| desc. node          | -686 Apr 07 j 09:44 | 3° <b>Υ</b> 48'38                     | 0.55705710   | desc. node       | -685 Mar 25 j 06:47       | 11° <b>)</b> 27'27      |                            |
| morning rise        | -686 Apr 12 j 13:54 | 1° <b>Υ</b> 29'08                     |              | direct           | -685 Mar 28 j 23:04       | 10° <b>)</b> 54'42      |                            |
| direct              | -686 Apr 16 j 17:19 | 0° <b>Υ</b> 51'06                     |              | morning max el   | -685 Apr 12 j 06:13       | 18° <b>∺</b> 20'32      | 25°49'40                   |
| morning max el      | -686 Apr 30 j 15:06 | 7° <b>Υ</b> 47'27                     | 24°15'49     | morning max ci   | -685 Apr 21 j 23:31       | 0° <b>Υ</b>             | 23 47 40                   |
| morning max cr      | -686 May 16 j 18:29 | 0° <b>8</b>                           | 24 13 49     |                  | -685 May 09 j 00:30       | 0°8                     |                            |
| asc. node           | -686 May 25 j 06:09 | 16° <b>8</b> 32'14                    |              | morning set      | -685 May 10 j 00:26       | 2° <b>8</b> 05'01       |                            |
|                     |                     |                                       |              | •                |                           | 6° <b>8</b> 35'09       |                            |
| morning set         | -686 May 25 j 12:44 | 17° <b>႘</b> 06'48<br>0° <b>Ⅱ</b>     |              | asc. node        | -685 May 12 j 03:12       | 0.033.09                |                            |
|                     | -686 May 31 j 12:35 | υщ                                    |              | superior conj    | -685 May 17 j 00:23       | 17° <b>8</b> 13'24      | 0°49'33                    |
| gumariar agni       | 606 Jun 01: 12:20   | 2° <b>Ⅱ</b> 14'48                     | 1°10'15      | minimum elong    | • •                       | 17° <b>8</b> 02'34      | 0°49'11                    |
| superior conj       | -686 Jun 01 j 13:28 | 2° <b>П</b> 1448<br>2° <b>П</b> 01'31 |              | Č                | -685 May 16 j 22:24       |                         |                            |
| minimum elong       | -686 Jun 01 j 11:01 |                                       | 1°09'52      | max. Earth dist. | -685 May 17 j 17:45       | 18° <b>8</b> 48′20      | 1.32618 AU                 |
| max. Earth dist.    | -686 Jun 03 j 07:47 | 6° <b>Ⅱ</b> 02'41                     | 1.33218 AU   | :·               | -685 May 22 j 22:41       | 0°Ⅱ<br>2°Ⅱ21115         |                            |
| evening rise        | -686 Jun 08 j 21:54 | 17° <b>Ⅱ</b> 43'23                    |              | evening rise     | -685 May 24 j 01:46       | 2° <b>Ⅱ</b> 21'15       |                            |
|                     | -686 Jun 15 j 06:12 | 0°©                                   |              |                  | -685 Jun 08 j 03:38       | 0°95                    |                            |
| desc. node          | -686 Jul 04 j 09:03 | 29° <b>©</b> 45'11                    |              | desc. node       | -685 Jun 21 j 06:05       | 17°5540'16              | <b>25</b> 00 <b>5</b> 11 5 |
|                     | -686 Jul 04 j 13:46 | 0° <b>N</b>                           | 27025110     | evening max el   | -685 Jun 24 j 08:29       | 20°550'48               | 27°07'19                   |
| evening max el      | -686 Jul 12 j 02:07 | 8° <b>Ω</b> 20'43                     | 27°25'19     | retrograde       | -685 Jul 08 j 06:30       | 28°908'52               |                            |
| retrograde          | -686 Jul 25 j 18:47 | 15° <b>Ω</b> 41'00                    |              | evening set      | -685 Jul 15 j 07:20       | 25°553'29               |                            |
| evening set         | -686 Aug 01 j 23:39 | 13° <b>Ω</b> 03'06                    | 0.606.10.1== | min. Earth dist. | -685 Jul 18 j 22:36       | 23°509'01               | 0.61468 AU                 |
| min. Earth dist.    | -686 Aug 05 j 13:57 | 9° <b>Ω</b> 56'41                     | 0.63349 AU   | inferior conj    | -685 Jul 22 j 02:16       | 20° <b>5</b> 21'09      | -4~21'33                   |
|                     |                     |                                       |              |                  |                           |                         |                            |

| 2                | nical year style is used: The              |                    | •                | //               |                     | , ,                               | 50 110       |
|------------------|--|--------------------|------------------|------------------|---------------------|-----------------------------------|--------------|
| minimum elong    | -685 Jul 22 j 05:59                        | 20°©12'52          |                  | minimum elong    | -684 Jul 03 j 07:01 | 2°956'15                          | 4°40'14      |
| morning rise     | -685 Jul 29 j 06:15                        | 15°926'56          | . 2009           | mmmam viong      | -684 Jul 07 j 10:28 | 30°RⅡ                             |              |
| direct           | -685 Jul 31 j 17:58                        | 15° <b>5</b> 01'09 |                  | morning rise     | -684 Jul 10 j 21:28 | 28° <b>Ⅱ</b> 25'59                |              |
| morning max el   | -685 Aug 07 j 17:36                        | 18°930'05          | 17°59'01         | direct           | -684 Jul 13 j 09:30 | 28° <b>I</b> I04'02               |              |
| asc. node        | -685 Aug 08 j 02:24                        | 18°952'00          | 17 3701          | direct           | -684 Jul 18 j 23:16 | 0°95                              |              |
| asc. node        | -685 Aug 16 j 01:25                        | 0°Ω                |                  | morning max el   | -684 Jul 21 j 03:02 | 1°9346'46                         | 18°23'35     |
| morning set      | -685 Aug 23 j 16:40                        | 13° <b>Ω</b> 37'53 |                  | asc. node        | -684 Jul 24 j 23:29 | 6°914'59                          | 18 23 33     |
| morning set      | -685 Sep 01 j 17:53                        | 0° <b>m</b> )      |                  | morning set      | -684 Aug 06 j 04:46 | 27° <b>©</b> 20'02                |              |
|                  | -065 Sep 01 j 17.55                        | V III              |                  | morning set      | -684 Aug 07 j 14:12 | 0°Ω                               |              |
| superior conj    | -685 Sep 03 j 01:51                        | 2° m 20'21         | 1°24'30          |                  | -004 Aug 07 J 14.12 | 0 86                              |              |
| minimum elong    | -685 Sep 03 j 06:27                        | 2° Mp 40'23        |                  | superior conj    | -684 Aug 15 j 08:43 | 14° <b>Ω</b> 40'04                | 1°41'29      |
| max. Earth dist. | -685 Sep 10 j 13:27                        | 15° Mp 03'42       | 1.42281 AU       | minimum elong    | -684 Aug 15 j 11:15 | 14° <b>Ω</b> 51'41                | 1°41'21      |
| evening rise     | -685 Sep 16 j 23:07                        | 25° Mp 25'22       | 1.42281 AU       | max. Earth dist. | -684 Aug 22 j 19:36 | 27° <b>Ω</b> 57'41                | 1.40397 AU   |
| desc. node       | -685 Sep 17 j 05:24                        | 25° m 50'16        |                  | max. Earth dist. | -684 Aug 24 j 00:07 | 0° Mp                             | 1.40397 AU   |
| desc. flode      | -685 Sep 17 j 03.24<br>-685 Sep 19 j 21:05 | ე∘ <b>ი</b>        |                  | evening rise     | -684 Aug 27 j 08:12 | 5° Mp 36'30                       |              |
|                  |  | 0°M                |                  | desc. node       |                     |                                   |              |
| evening max el   | -685 Oct 10 j 10:37<br>-685 Oct 19 j 08:31 | 10°M42'14          | 22907121         | desc. node       | -684 Sep 03 j 02:27 | 16° <b>™</b> 29'12<br>0° <b>≏</b> |              |
| C                | 3  |                    | 22 0/31          |                  | -684 Sep 12 j 01:30 |                                   | 22927119     |
| retrograde       | -685 Oct 28 j 17:39                        | 16°M16'58          |                  | evening max el   | -684 Sep 30 j 23:02 | 24° <b>£</b> 12'44                | 23°27'18     |
| evening set      | -685 Nov 02 j 04:13                        | 14°M30'41          |                  | . 1              | -684 Oct 09 j 01:24 | 0°M                               |              |
| asc. node        | -685 Nov 04 j 01:36                        | 12°M40'41          | 1010100          | retrograde       | -684 Oct 11 j 10:44 | 0°M24'28                          |              |
| inferior conj    | -685 Nov 07 j 12:27                        | 8°M12'57           | 1°10'08          |                  | -684 Oct 13 j 16:57 | 30° <b>₹</b> Ω                    |              |
| minimum elong    | -685 Nov 07 j 10:53                        | 8°M18'20           | 1°09'30          | evening set      | -684 Oct 16 j 10:52 | 28° <b>£</b> 19'51                |              |
| min. Earth dist. | -685 Nov 07 j 13:14                        | 8°M10'13           | 0.67582 AU       | asc. node        | -684 Oct 20 j 22:40 | 23° <b>£</b> 09'39                | 0015154      |
| morning rise     | -685 Nov 12 j 17:23                        | 2°M00'14           |                  | inferior conj    | -684 Oct 21 j 19:25 | 21° <b>£</b> 58'47                | 0°17'54      |
| direct           | -685 Nov 17 j 11:13                        | 0°M01'34           | 22025112         | minimum elong    | -684 Oct 21 j 18:59 | 22° <b>⊆</b> 00'14                | 0°17'42      |
| morning max el   | -685 Nov 27 j 03:41                        | 5°M46'24           | 22°35'13         | min. Earth dist. | -684 Oct 21 j 09:48 |                                   | 0.67593 AU   |
| desc. node       | -685 Dec 14 j 04:39                        | 27°M44'13          |                  | morning rise     | -684 Oct 27 j 03:02 | 15° <b>≙</b> 49'51                |              |
|                  | -685 Dec 15 j 17:52                        | 0° <b>∡</b> ¹      |                  | direct           | -684 Oct 31 j 06:45 | 14° <b>£</b> 13'26                |              |
| morning set      | -685 Dec 30 j 23:57                        | 23° <b>∡</b> 39'40 |                  | morning max el   | -684 Nov 08 j 19:42 | 19° <b>≙</b> 13'21                | 21°12'57     |
|                  | -684 Jan 03 j 19:36                        | 0° <b>궁</b>        |                  |                  | -684 Nov 17 j 15:48 | 0° <b>M</b> ₅                     |              |
| max. Earth dist. | -684 Jan 05 j 01:01                        | 2° <b>6</b> 04'24  | 1.40419 AU       | desc. node       | -684 Nov 30 j 01:41 | 17°M55'38                         |              |
|                  |  |                    |                  |                  | -684 Dec 07 j 22:52 | 0° <b>∡</b>                       |              |
| superior conj    | -684 Jan 12 j 20:19                        | 15° <b>る</b> 45'27 |                  | morning set      | -684 Dec 09 j 10:21 | 2° <b>∡</b> 18'51                 |              |
| minimum elong    | -684 Jan 12 j 21:41                        | 15° <b>る</b> 51'38 | 1°59'41          | max. Earth dist. | -684 Dec 17 j 03:38 | 14° <b>∡</b> ⁴41'29               | 1.42379 AU   |
|                  | -684 Jan 20 j 12:49                        | 0° <b>≈</b>        |                  |                  |                     |                                   |              |
| evening rise     | -684 Jan 22 j 18:52                        | 4°≈15'20           |                  | superior conj    | -684 Dec 24 j 09:05 | 26° <b>∡</b> ¹47'27               |              |
| asc. node        | -684 Jan 31 j 00:56                        | 19°≈18'25          |                  | minimum elong    | -684 Dec 24 j 06:27 | 26° <b>∡</b> 36′12                | 1°58'12      |
|                  | -684 Feb 07 j 17:42                        | 0° <b>∀</b>        |                  |                  | -684 Dec 26 j 05:48 | 0° <b>ろ</b>                       |              |
| evening max el   | -684 Feb 08 j 00:46                        | 0° <b> ★</b> 17'30 | 18°22'07         | evening rise     | -683 Jan 04 j 17:45 | 16° <b>る</b> 51'58                |              |
| retrograde       | -684 Feb 15 j 07:52                        | 3° <b>¥</b> 53'52  |                  |                  | -683 Jan 12 j 02:58 | 0°≈                               |              |
| evening set      | -684 Feb 17 j 20:13                        | 3° <b>∺</b> 29'21  |                  | asc. node        | -683 Jan 16 j 21:58 | 7° <b>≈</b> 39'41                 |              |
|                  | -684 Feb 23 j 16:24                        | 30°R≈              |                  | evening max el   | -683 Jan 21 j 11:03 | 13°≈17'39                         | 18°08'11     |
| inferior conj    | -684 Feb 25 j 01:28                        | 28° <b>≈</b> 52'19 | 3°27'12          | retrograde       | -683 Jan 28 j 03:34 | 16°≈43'32                         |              |
| minimum elong    | -684 Feb 25 j 04:41                        | 28°≈45'37          | 3°26'41          | evening set      | -683 Jan 30 j 20:15 | 16°≈10'18                         |              |
| min. Earth dist. | -684 Feb 28 j 11:45                        | 26°≈02'21          | 0.59134 AU       | inferior conj    | -683 Feb 06 j 11:09 | 11° <b>≈</b> 11'44                | 3°50'25      |
| morning rise     | -684 Mar 03 j 10:48                        | 23° <b>≈</b> 20'40 |                  | minimum elong    | -683 Feb 06 j 12:00 | 11° <b>≈</b> 09'40                | 3°50'22      |
| direct           | -684 Mar 09 j 17:59                        | 21° <b>≈</b> 35′28 |                  | min. Earth dist. | -683 Feb 09 j 14:04 | 8°≈12'46                          | 0.61218 AU   |
| desc. node       | -684 Mar 11 j 03:50                        | 21°≈40'39          | <b>2</b> 7001110 | morning rise     | -683 Feb 13 j 02:19 | 5°≈22'51                          |              |
| morning max el   | -684 Mar 24 j 01:21                        | 29°≈16′26          | 27°01'40         | direct           | -683 Feb 19 j 23:20 | 3°≈02'43                          |              |
|                  | -684 Mar 24 j 18:51                        | 0° <b>)</b> €      |                  | desc. node       | -683 Feb 26 j 00:52 | 4° <b>≈</b> 40'05                 |              |
|                  | -684 Apr 14 j 18:03                        | 0° <b>Υ</b>        |                  | morning max el   | -683 Mar 06 j 02:49 | 10°≈51'14                         | 27°40'58     |
| morning set      | -684 Apr 23 j 10:14                        | 16° <b>Y</b> 56'18 |                  |                  | -683 Mar 21 j 02:15 | 0° <b>∺</b>                       |              |
| asc. node        | -684 Apr 28 j 00:15                        | 26° <b>Y</b> 44'31 |                  |                  | -683 Apr 06 j 21:50 | 0° <b>Υ</b>                       |              |
|                  | -684 Apr 29 j 12:01                        | $0^{\circ}$ 8      |                  | morning set      | -683 Apr 07 j 16:16 | 1° <b>Ƴ</b> 34'11                 |              |
|                  |  |                    |                  | max. Earth dist. | -683 Apr 13 j 18:29 | 14° <b>Ƴ</b> 30′00                | 1.32500 AU   |
| superior conj    | -684 Apr 30 j 12:10                        | 2° <b>8</b> 12'31  | 0°26'09          |                  | C02 + 11155 ::      | 170000                            | 0000150      |
| minimum elong    | -684 Apr 30 j 11:02                        | 2° <b>8</b> 06'16  |                  | superior conj    | -683 Apr 14 j 23:10 | 17° <b>Y</b> 06'17                | 0°00'50      |
| max. Earth dist. | -684 Apr 30 j 06:35                        | 1° <b>8</b> 41'49  | 1.32381 AU       | minimum elong    | -683 Apr 14 j 23:08 | 17° <b>Υ</b> 06'05                | 0°00'50      |
| evening rise     | -684 May 07 j 10:19                        | 17° <b>8</b> 11'39 |                  | behind sun begin | -683 Apr 14 j 18:04 | 16° <b>Y</b> 38'27                |              |
|                  | -684 May 13 j 19:49                        | 0°II               |                  | behind sun end   | -683 Apr 15 j 04:11 | 17° <b>Y</b> 33'45                |              |
|                  | -684 Jun 02 j 18:54                        | 0°€                |                  | asc. node        | -683 Apr 14 j 21:18 | 16° <b>Y</b> 56′05                |              |
| evening max el   | -684 Jun 05 j 08:50                        | 2°537'48           | 26°16'38         |                  | -683 Apr 20 j 21:31 | 0°8                               |              |
| desc. node       | -684 Jun 07 j 03:07                        | 4°513'38           |                  | evening rise     | -683 Apr 21 j 21:26 | 2° <b>8</b> 07'07                 |              |
| retrograde       | -684 Jun 19 j 09:46                        | 9°951'52           |                  |                  | -683 May 07 j 02:05 | 0°II                              | 0.40.501.4.5 |
| evening set      | -684 Jun 25 j 18:43                        | 8°511'16           | 0.50410 :::      | evening max el   | -683 May 18 j 02:37 | 13° <b>II</b> 42'07               | 24~58'45     |
| min. Earth dist. | -684 Jun 29 j 21:50                        | 5°932'48           | 0.59419 AU       | desc. node       | -683 May 25 j 00:08 | 18° <b>I</b> 53′21                |              |
| inferior conj    | -684 Jul 03 j 06:06                        | 2° <b>©</b> 58'02  | -4~40'16         | retrograde       | -683 Jun 01 j 02:31 | 20° <b>Ⅱ</b> 48'42                |              |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -683 Jun 06 i 07:17 19°**Ⅱ**46′50 desc. node -682 May 11 j 21:09 1°**Ⅱ**01'57 evening set -683 Jun 11 j 14:14 16°**Ц**57'13 0.57451 AU -682 May 13 j 07:13 1°**I**106'32 min. Earth dist. retrograde -683 Jun 14 j 14:46 14°**I**I56'06 -4°29'30 -682 May 17 j 01:22 0°II35'30 evening set inferior coni -683 Jun 14 j 11:17 15°**耳**01'59 4°29'08 -682 May 18 j 20:44 30°R₩ minimum elong -683 Jun 22 j 18:03 10°**Ⅲ**45′28 -682 May 24 j 03:30 27°820'49 0.55892 AU morning rise min. Earth dist. -683 Jun 25 j 07:38 10°**Ⅱ**26′19 -682 May 26 j 03:23 direct inferior conj 26°**8**09'45 -3°37'23 -683 Jul 04 j 04:57 14°**Ⅲ**35'14 morning max el 19°08'48 minimum elong -682 May 25 j 20:31 26°**8**19'59 3°35'47 asc. node -683 Jul 11 j 20:32 24°**Ⅲ**28'57 morning rise -682 Jun 03 j 18:30 22°**8**13'42 -683 Jul 15 j 01:46 0ಂತಾ direct -682 Jun 06 j 10:20 21°**8**56'18 morning set -683 Jul 21 j 02:34 11°**©**32'08 morning max el -682 Jun 16 j 20:51 26°**8**45'59 20°14'52 -682 Jun 19 j 22:16  $0^{\circ}\Pi$ -683 Jul 29 j 09:56 -682 Jun 28 j 17:35 superior conj 27°955'55 1°47'29 asc. node 13°**Ⅲ**21'15 -683 Jul 29 j 10:17 minimum elong 27°**9**57'36 1°47'29 morning set -682 Jul 05 j 07:01 26°**Ⅲ**05'11 -683 Jul 30 j 11:44  $0^{\circ}\Omega$ -682 Jul 07 j 04:57 0ಂತಾ max. Earth dist. -683 Aug 04 j 22:46 10°**Ω**11'34 1.38391 AU evening rise -683 Aug 08 j 18:25 16°**Ω**59'24 superior conj -682 Jul 13 j 00:19 11°**©**52'10 1°44'47 -683 Aug 16 j 12:56 0° m minimum elong -682 Jul 12 j 23:02 11°**©**45'42 1°44'43 desc. node -683 Aug 20 j 23:30 6° M 58′20 max. Earth dist. -682 Jul 18 j 03:54 22°901'06 1.36510 AU -683 Sep 06 j 12:07 0∘**⊽** evening rise -682 Jul 22 j 03:00 29°9527'25 evening max el -683 Sep 13 j 10:54 7°**-**46'37 24°46'03 -682 Jul 22 j 10:07  $0^{\circ}\Omega$ retrograde -683 Sep 24 j 23:55 14°**♀**30'03 desc. node -682 Aug 07 j 20:31 27°Ω11'36 evening set -683 Sep 30 j 14:43 12°**♀**07'36 -682 Aug 09 j 18:20 0° m min. Earth dist. -683 Oct 05 i 04:51 6°**2**53'47 0.67286 AU evening max el -682 Aug 26 j 22:11 21° m 22'11 25°56'28 inferior conj -683 Oct 06 i 01:00 5°**Ω**46'57 -0°36'48 retrograde -682 Sep 08 i 08:39  $28^{\circ}$  m 28'03minimum elong -683 Oct 06 i 01:54 5°**£**43'56 0°36'25 evening set -682 Sep 14 j 13:54 25° m 50'56 -683 Oct 07 j 19:42 3°**₽**28'36 -682 Sep 18 j 20:00 21° Mp 13'26 0.66640 AU asc. node min. Earth dist. -683 Oct 11 j 04:39 -682 Sep 20 j 03:24 19° m 34'29 -1°32'24 30°R M inferior conj -683 Oct 11 j 13:10 29° m 44'24 -682 Sep 20 j 05:43 19° m 27'11 1°31'28 morning rise minimum elong -683 Oct 15 j 04:24 28° m 28'18 -682 Sep 24 j 16:44 14° m 33'32 direct asc. node -683 Oct 19 j 11:10 0∘**⊽** morning rise -682 Sep 25 j 21:48 13° Mp 41'12 -683 Oct 22 j 19:19 2°**2**51'08 20°01'42 -682 Sep 29 j 02:43 morning max el 12° m/42'07 direct 16° Mp 37'41 19°04'43 0°M -682 Oct 06 j 02:12 -683 Nov 11 j 11:36 morning max el -683 Nov 16 j 22:45 desc. node 8°M22'14 -682 Oct 16 j 04:50 0∘ಹ -683 Nov 18 j 07:03 10°M26'53 -682 Oct 28 j 14:35 19° 214'21 morning set morning set -683 Nov 29 j 13:58 -682 Nov 03 j 19:49 28° 259'16 max. Earth dist. 28°M09'51 1.43904 AU desc. node -683 Nov 30 j 17:30 -682 Nov 04 j 11:18 0°⊀ 0°M -682 Nov 12 j 05:47 max. Earth dist. 12°M12'15 1.44798 AU superior conj -683 Dec 04 j 19:12 6°**∡**34'57 -1°40'19 -683 Dec 04 j 12:07 6°**₹**06'05 1°39'46 superior conj -682 Nov 14 j 04:58 15°M18'27 -1°04'24 minimum elong -683 Dec 17 j 22:58 28°**渘**39'18 minimum elong -682 Nov 13 j 21:28 14°M48'46 1°03'32 evening rise -683 Dec 18 j 17:46 0°ರ -682 Nov 23 j 09:57 0°**⊼** -682 Jan 03 j 18:59 25°る15'11 -682 Nov 29 j 06:20 9°**∡**³30′05 asc. node evening rise -682 Jan 04 j 23:25 26°る31'50 18°13'32 -682 Dec 11 j 23:21 0°る evening max el -682 Jan 11 j 11:22 0°≈00'31 -682 Dec 19 j 11:18 9°**ප**54'47 18°37'20 retrograde evening max el -682 Jan 11 j 03:51 0°**≈** -682 Dec 21 j 16:00 11°**る**52'20 asc. node -682 Dec 26 i 02:57 -682 Jan 11 j 18:52 30°Rる retrograde 13°る37'06 -682 Jan 14 j 08:15 -682 Dec 29 i 04:53 evening set 29°る17'47 evening set 12°る43'44 -682 Jan 20 j 12:14 23°る58'58 3°49'48 inferior conj inferior conj -681 Jan 04 i 00:53 7°る06'54 3°32'11 -682 Jan 20 j 11:05 minimum elong 24°る02'06 3°49'44 minimum elong -681 Jan 03 i 22:31 7°る14'00 3°31'48 min. Earth dist. min. Earth dist. -682 Jan 23 j 01:36 21°る13'03 0.63158 AU -681 Jan 05 j 23:03 4°る49'14 0.64793 AU -682 Jan 26 j 13:07 17°る59'05 -681 Jan 09 j 15:42 1°る00'05 morning rise morning rise -682 Feb 02 j 13:15 15°る15'26 -681 Jan 10 j 22:44 30°R*⊀* direct -682 Feb 12 j 21:54 19°る56'13 -681 Jan 16 j 10:35 28°**х** 07'43 desc. node direct -682 Feb 16 j 09:38 -681 Jan 22 j 12:15 morning max el 23°る06'18 27°43'14 0°궁 -682 Feb 22 j 13:31 0°≈ morning max el -681 Jan 29 j 19:06 5°る52'38 27°10'52 0°**)**€ -682 Mar 14 j 07:37 -681 Jan 30 j 18:57 6°る53'30 desc. node -682 Mar 22 j 16:11 15°**)** 50'13 -681 Feb 17 j 07:15 0°≈ morning set -682 Mar 28 j 01:18 26°**₭**57'43 1.33003 AU -681 Mar 06 j 07:06 29°≈35'08 max. Earth dist. morning set -682 Mar 29 j 11:28  $0^{\circ}\Upsilon$ -681 Mar 06 j 12:13 0°**)**€ -681 Mar 10 j 23:02 8°**¥**53'16 1.33934 AU max. Earth dist. -682 Mar 30 j 07:35 1°**Y**48'04 -0°25'36 superior conj minimum elong -682 Mar 30 j 08:48 1°**Υ**54'36 0°25'20 superior conj -681 Mar 14 j 11:33 16°**光**11'55 -0°52'02 asc. node -682 Apr 01 j 18:19 7°**Y**05′18 minimum elong -681 Mar 14 j 14:00 16°**∺**24'48 0°51'34

evening rise

evening max el

-682 Apr 06 j 09:12

-682 Apr 12 j 20:34

-682 Apr 29 j 17:13

-682 May 07 j 21:26

17°**Y**′00′02

24°819'34 23°25'40

0°8

 $\mathbb{I}^{\circ 0}$ 

asc. node

evening rise

-681 Mar 19 j 15:21

-681 Mar 20 j 23:55

-681 Mar 21 j 19:50

-681 Apr 07 j 00:28

27°**¥**08'03 0°**Ƴ** 

1°Y44'22

0°8

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 118 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl | ne year -900 in     | astronomical cou | nting style is the year | 901 BCE in historical cou | unting style.       | 5          |
|---------------------|-----------------------------|---------------------|------------------|-------------------------|---------------------------|---------------------|------------|
| evening max el      | -681 Apr 11 j 11:45         | 5° <b>8</b> 00'27   | 21°52'03         | asc. node               | -680 Mar 05 j 12:23       | 16° <b>¥</b> 59'27  |            |
| retrograde          | -681 Apr 24 j 00:31         | 11° <b>8</b> 07'28  |                  |                         | -680 Mar 12 j 04:51       | $0^{\circ}$ Y       |            |
| evening set         | -681 Apr 26 j 15:14         | 10° <b>8</b> 52'12  |                  | evening max el          | -680 Mar 23 j 15:51       | 16° <b>Ƴ</b> 09'18  | 20°29'29   |
| desc. node          | -681 Apr 28 j 18:08         | 10° <b>8</b> 18'53  |                  | retrograde              | -680 Apr 03 j 13:37       | 21° <b>Y</b> 23'25  |            |
| min. Earth dist.    | -681 May 05 j 16:35         | 6° <b>8</b> 59'50   | 0.55079 AU       | evening set             | -680 Apr 05 j 17:31       | 21° <b>Y</b> 11'56  |            |
| inferior conj       | -681 May 06 j 01:07         | 6° <b>8</b> 47'51   | -2°02'02         | inferior conj           | -680 Apr 14 j 20:11       | 17° <b>Ƴ</b> 14'27  | -0°03'36   |
| minimum elong       | -681 May 05 j 19:38         | 6° <b>8</b> 55'33   | 2°00'13          | minimum elong           | -680 Apr 14 j 20:01       | 17° <b>Ƴ</b> 14'41  | 0°03'31    |
| morning rise        | -681 May 15 j 01:10         | 2° <b>8</b> 51'06   |                  | transit middle          | -680 Apr 14 j 20:01       | 17° <b>Ƴ</b> 14'41  | 0°03'31    |
| direct              | -681 May 17 j 23:12         | 2° <b>8</b> 32'12   |                  | transit begin           | -680 Apr 14 j 16:04       | 17° <b>Ƴ</b> 20′26  |            |
| morning max el      | -681 May 30 j 01:40         | 8° <b>8</b> 13'54   | 21°39'50         | transit end             | -680 Apr 14 j 23:58       | 17° <b>Ƴ</b> 08'56  |            |
|                     | -681 Jun 14 j 04:47         | $\Pi^{\circ}0$      |                  | desc. node              | -680 Apr 14 j 15:09       | 17° <b>Ƴ</b> 21'46  |            |
| asc. node           | -681 Jun 15 j 14:38         | 2° <b>∏</b> 42'27   |                  | min. Earth dist.        | -680 Apr 16 j 06:15       | 16° <b>Ƴ</b> 24'57  | 0.55209 AU |
| morning set         | -681 Jun 19 j 15:50         | 10° <b>Ⅱ</b> 52'49  |                  | morning rise            | -680 Apr 23 j 21:11       | 12° <b>Ƴ</b> 58'40  |            |
|                     |                             |                     |                  | direct                  | -680 Apr 27 j 11:11       | 12° <b>Y</b> 30'46  |            |
| superior conj       | -681 Jun 26 j 23:52         | 26° <b>Ⅱ</b> 17'00  | 1°35'19          | morning max el          | -680 May 10 j 20:57       | 19° <b>Ƴ</b> 03'16  | 23°17'52   |
| minimum elong       | -681 Jun 26 j 21:39         | 26° <b>Ⅱ</b> 05'25  | 1°35'07          |                         | -680 May 19 j 22:03       | 0° <b>႘</b>         |            |
|                     | -681 Jun 28 j 18:54         | $0$ $\circ$ $\odot$ |                  | asc. node               | -680 Jun 01 j 11:43       | 22° <b>8</b> 24'47  |            |
| max. Earth dist.    | -681 Jun 30 j 16:48         | 3° <b>©</b> 54'15   | 1.34934 AU       | morning set             | -680 Jun 03 j 03:07       | 25° <b>8</b> 49'19  |            |
| evening rise        | -681 Jul 05 j 05:08         | 12°5548'03          |                  |                         | -680 Jun 05 j 02:30       | $\Pi^{\circ}0$      |            |
|                     | -681 Jul 14 j 18:31         | $0^{\circ}\Omega$   |                  |                         |                           |                     |            |
| desc. node          | -681 Jul 25 j 17:31         | 17° <b>Ω</b> 01'50  |                  | superior conj           | -680 Jun 10 j 05:38       | 11° <b>Ⅱ</b> 00'59  | 1°20'37    |
|                     | -681 Aug 04 j 18:32         | o° mp               |                  | minimum elong           | -680 Jun 10 j 03:06       | 10° <b>Ⅱ</b> 47'27  | 1°20'17    |
| evening max el      | -681 Aug 09 j 09:56         | 4° Mp 54′25         | 26°50'39         | max. Earth dist.        | -680 Jun 12 j 15:35       | 16° <b>Ⅱ</b> 08'58  | 1.33732 AU |
| retrograde          | -681 Aug 22 j 12:13         | 12° Mp 11'43        |                  | evening rise            | -680 Jun 17 j 20:07       | 26° <b>Ⅱ</b> 47'49  |            |
| evening set         | -681 Aug 29 j 06:11         | 9° <b>m</b> 26'21   |                  | -                       | -680 Jun 19 j 11:10       | 0°99                |            |
| min. Earth dist.    | -681 Sep 02 j 04:57         |                     | 0.65646 AU       |                         | -680 Jul 07 j 01:54       | $0^{\circ}\Omega$   |            |
| inferior conj       | -681 Sep 04 j 00:37         | 3° m 18'01          |                  | desc. node              | -680 Jul 11 j 14:30       | 6° <b>Ω</b> 19'27   |            |
| minimum elong       | -681 Sep 04 j 04:14         | 3° Mp 07'25         |                  | evening max el          | -680 Jul 21 j 21:31       | 18° <b>Ω</b> 13'42  | 27°21'09   |
| C                   | -681 Sep 07 j 00:29         | 30°R <b>Ω</b>       |                  | retrograde              | -680 Aug 04 j 10:06       | 25° <b>Ω</b> 33'42  |            |
| morning rise        | -681 Sep 10 j 02:49         | 27° <b>Ω</b> 36'57  |                  | evening set             | -680 Aug 11 j 12:47       | 22° <b>Ω</b> 49'50  |            |
| asc. node           | -681 Sep 11 j 13:48         | 27° <b>Ω</b> 02'21  |                  | min. Earth dist.        | -680 Aug 15 j 05:30       |                     | 0.64289 AU |
| direct              | -681 Sep 12 j 23:48         | 26° <b>Ω</b> 51'11  |                  | inferior conj           | -680 Aug 17 j 14:21       | 16° <b>Ω</b> 53′20  |            |
|                     | -681 Sep 19 j 02:51         | 0° m/               |                  | minimum elong           | -680 Aug 17 j 18:49       | 16° <b>Ω</b> 41'20  |            |
| morning max el      | -681 Sep 19 j 14:27         | 0° m 28'29          | 18°23'42         | morning rise            | -680 Aug 24 j 01:42       | 11° <b>Ω</b> 27'52  |            |
| morning set         | -681 Oct 09 j 00:40         | 29° m 21'47         |                  | direct                  | -680 Aug 26 j 17:18       | 10° <b>Ω</b> 51'55  |            |
| S                   | -681 Oct 09 j 10:04         | 0∘ <u>⊽</u>         |                  | asc. node               | -680 Aug 28 j 10:54       | 11° <b>Ω</b> 07'26  |            |
| desc. node          | -681 Oct 21 j 16:51         | 19° <b>≏</b> 42'21  |                  | morning max el          | -680 Sep 02 j 05:39       | 14° <b>Ω</b> 19'08  | 17°59'48   |
|                     | ,                           |                     |                  | Č                       | -680 Sep 13 j 04:54       | 0° m/p              |            |
| superior conj       | -681 Oct 24 j 05:17         | 23° <b>≏</b> 41'08  | -0°16'25         | morning set             | -680 Sep 19 j 14:34       | 10° <b>m</b> 50'43  |            |
| minimum elong       | -681 Oct 24 j 03:07         | 23° <b>£</b> 32'37  |                  | Č                       | -680 Oct 01 j 01:42       | 0∘ <u>⊽</u>         |            |
| behind sun begin    | -681 Oct 24 j 01:37         | 23° <b>Ω</b> 26'39  |                  |                         | ,                         |                     |            |
| behind sun end      | -681 Oct 24 j 04:38         | 23° <b>≏</b> 38'34  |                  | superior conj           | -680 Oct 02 j 18:20       | 2° <b>≏</b> 45'12   | 0°31'20    |
| max. Earth dist.    | -681 Oct 26 j 00:02         | 26° <b>ഫ</b> 29'32  | 1.44975 AU       | minimum elong           | -680 Oct 02 j 21:48       | 2° <b>♀</b> 59'14   | 0°30'51    |
|                     | -681 Oct 28 j 05:36         | 0°M.                |                  | desc. node              | -680 Oct 07 j 13:52       | 10° <b>≏</b> 28'46  |            |
| evening rise        | -681 Nov 09 j 13:37         | 19°M20'56           |                  | max. Earth dist.        | -680 Oct 07 j 18:09       | 10° <b>≏</b> 45'46  | 1.44426 AU |
| •                   | -681 Nov 16 j 08:27         | 0° <b>∡</b> ¹       |                  | evening rise            | -680 Oct 19 j 01:37       | 28° <b>≏</b> 26'40  |            |
| greatest brilliancy | -681 Nov 20 j 01:24         | 5° <b>∡</b> ¹45'59  | -0.8m            | •                       | -680 Oct 20 j 01:52       | 0° <b>M</b> .       |            |
| evening max el      | -681 Dec 02 j 20:19         | 23° <b>∡</b> ¹21'29 | 19°18'25         |                         | -680 Nov 09 j 08:26       | 0° <b>∡</b> ¹       |            |
| asc. node           | -681 Dec 08 j 13:02         | 27° <b>∡</b> 15'33  |                  | evening max el          | -680 Nov 15 j 00:40       | 6° <b>∡</b> ¹49'48  | 20°14'46   |
| retrograde          | -681 Dec 09 j 22:48         | 27° <b>∡</b> ¹26'37 |                  | retrograde              | -680 Nov 22 j 20:20       | 11° <b>∡</b> ¹25'31 |            |
| evening set         | -681 Dec 13 j 07:22         | 26° <b>₹</b> '20'54 |                  | asc. node               | -680 Nov 24 j 10:06       | 11° <b>∡</b> 11′22  |            |
| inferior conj       | -681 Dec 18 j 21:45         | 20° <b>∡</b> ¹28'36 | 3°02'25          | evening set             | -680 Nov 26 j 13:27       | 10° <b>₹</b> '05'25 |            |
| minimum elong       | -681 Dec 18 j 18:54         | 20° <b>∡</b> ³37'44 | 3°01'41          | inferior conj           | -680 Dec 02 j 00:08       | 4° <b>҂</b> 00'32   | 2°23'46    |
| min. Earth dist.    | -681 Dec 20 j 05:19         | 18° <b>∡</b> ¹47'24 | 0.66052 AU       | minimum elong           | -680 Dec 01 j 21:27       | 4° <b>₹</b> 09'35   | 2°22'52    |
| morning rise        | -681 Dec 24 j 06:10         | 14° <b>√</b> 17'34  |                  | min. Earth dist.        | -680 Dec 02 j 18:37       | 2° <b>҂</b> 758′23  | 0.66929 AU |
| direct              | -681 Dec 30 j 14:07         | 11° <b>∡</b> ³30′17 |                  |                         | -680 Dec 05 j 02:32       | 30°RM₊              |            |
| morning max el      | -680 Jan 12 j 04:29         | 18° <b>∡</b> 56'31  | 26°10'47         | morning rise            | -680 Dec 07 j 05:15       | 27° <b>M</b> 47'19  |            |
| desc. node          | -680 Jan 17 j 16:00         | 25° <b>₹</b> '02'05 |                  | direct                  | -680 Dec 12 j 23:01       | 25°M15'13           |            |
|                     | -680 Jan 21 j 14:29         | ರ°0                 |                  |                         | -680 Dec 22 j 06:43       | 0° <b>∡</b> ¹       |            |
|                     | -680 Feb 10 j 07:56         | 0° <b>≈</b>         |                  | morning max el          | -680 Dec 24 j 12:58       | 2° <b>∡</b> ¹08'56  | 24°52'16   |
| morning set         | -680 Feb 17 j 08:58         | 12° <b>≈</b> 36′08  |                  | desc. node              | -679 Jan 03 j 13:05       | 14° <b>∡</b> °01'19 |            |
| max. Earth dist.    | -680 Feb 21 j 08:59         | 20°≈13′26           | 1.35323 AU       |                         | -679 Jan 14 j 17:22       | 0°ರ                 |            |
|                     | -                           |                     |                  | morning set             | -679 Jan 29 j 16:35       | 24° <b>る</b> 38'28  |            |
| superior conj       | -680 Feb 26 j 08:40         | 0° <b>)</b> 10′11   | -1°17'08         | -                       | -679 Feb 01 j 15:56       | 0° <b>≈</b>         |            |
| minimum elong       | -680 Feb 26 j 12:06         | 0° <b>)</b> €27'36  |                  | max. Earth dist.        | -679 Feb 02 j 08:36       | 1° <b>≈</b> 16'31   | 1.37135 AU |
|                     | -680 Feb 26 j 06:40         | 0° <b>)</b> €       |                  |                         |                           |                     |            |
| evening rise        | -680 Mar 05 j 03:25         | 16° <b>∺</b> 13′29  |                  | superior conj           | -679 Feb 08 j 19:54       | 13° <b>≈</b> 34'30  | -1°38'55   |
|                     |                             |                     |                  | -                       | -                         |                     |            |

| •                 | omena or wercury                                    |                             | •          |                  |                     |                               | ge 119       |
|-------------------|---|-----------------------------|------------|------------------|---------------------|-------------------------------|--------------|
| minimum elong     | nical year style is used: Tl<br>-679 Feb 08 j 23:38 | ne year -900 m<br>13°≈52'42 |            | superior conj    | -678 Jan 22 j 17:12 | 26° <b>♂</b> 13'56            | 105/1/12     |
| evening rise      | -679 Feb 17 j 05:46                                 | 0° <b>∺</b> 21'19           | 1 36 31    | minimum elong    | -678 Jan 22 j 17:12 | 26° <b>る</b> 26'49            |              |
| evening rise      | -679 Feb 17 j 01:30                                 | 0 <b>X</b> 2119             |            | minimum clong    | -678 Jan 24 j 17:21 | 20 <b>⊙</b> 20 49             | 1 34 34      |
| asc. node         | -679 Feb 20 j 09:25                                 | 6° <b>)</b> 34'47           |            | evening rise     | -678 Feb 01 j 00:13 | 0 <b>≈</b> 14° <b>≈</b> 00'35 |              |
| evening max el    | -679 Mar 06 j 07:06                                 | 27° <b>H</b> 55'50          | 19°24'20   | asc. node        | -678 Feb 07 j 06:28 | 25°≈48'02                     |              |
| evening max ci    | -679 Mar 08 j 18:44                                 | 27 <b>γ</b> (33 30          | 19 24 20   | asc. node        | -678 Feb 09 j 16:40 | 0° <b>)</b> €                 |              |
| retrograde        | -679 Mar 15 j 12:10                                 | 2° <b>Υ</b> 20'54           |            | evening max el   | -678 Feb 17 j 08:00 | 10° <b>)</b> 17'45            | 18°39'01     |
| evening set       | -679 Mar 17 j 17:04                                 | 2° <b>Υ</b> 06'51           |            | retrograde       | -678 Feb 25 j 04:48 | 14° <b>)(</b> 17'43           | 10 37 01     |
| evening set       | -679 Mar 22 j 21:26                                 | 30° <b>₹</b>                |            | evening set      | -678 Feb 27 j 14:15 | 13° <b>)</b> (47'37           |              |
| inferior conj     | -679 Mar 26 j 02:47                                 | 27° <b>)</b> 59'43          | 1°44'23    | inferior conj    | -678 Mar 07 j 05:15 | 9° <b>∺</b> 22'17             | 2°59'57      |
| minimum elong     | -679 Mar 26 j 06:40                                 | 27° <b>)</b> 53'21          | 1°43'10    | minimum elong    | -678 Mar 07 j 09:27 | 9° <b>H</b> 14'15             | 2°59'00      |
| min. Earth dist.  | -679 Mar 28 j 20:53                                 | 26° <b>H</b> 12'11          | 0.56253 AU | min. Earth dist. | -678 Mar 10 j 14:10 | 6° <b>)</b> (49'03            | 0.57967 AU   |
| desc. node        | -679 Apr 01 j 12:12                                 | 24° <b>)</b> (08'15         | 0.50255710 | morning rise     | -678 Mar 15 j 01:54 | 4° <b>)</b> €04'17            | 0.57707710   |
| morning rise      | -679 Apr 03 j 17:33                                 | 23° <b>)</b> 12'43          |            | desc. node       | -678 Mar 19 j 09:16 | 2° <b>)</b> (46'54            |              |
| direct            | -679 Apr 08 j 08:51                                 | 22° <b>)</b> 23'47          |            | direct           | -678 Mar 20 j 20:04 | 2° <b>)</b> (41'37            |              |
| morning max el    | -679 Apr 22 j 11:44                                 | 29° <b>H</b> 33'56          | 24°57'37   | morning max el   | -678 Apr 04 j 04:17 | 10° <b>)</b> 14'53            | 26°23'55     |
| morning max ci    | -679 Apr 22 j 22:29                                 | 29 <b>γ</b> 3330            | 24 37 37   | morning max cr   | -678 Apr 19 j 07:00 | 0° <b>Υ</b>                   | 20 23 33     |
|                   | -679 May 13 j 06:49                                 | 0°8                         |            | morning set      | -678 May 03 j 02:16 | 25° <b>Υ</b> 45'19            |              |
| morning set       | -679 May 18 j 15:08                                 | 10° <b>8</b> 48'39          |            | morning set      | -678 May 05 j 02:16 | 0° <b>8</b>                   |              |
| asc. node         | -679 May 19 j 08:45                                 | 10 <b>8</b> 21'44           |            | asc. node        | -678 May 06 j 05:48 | 2° <b>8</b> 28'21             |              |
| asc. node         | -077 Way 17 J 00.43                                 | 12 021 44                   |            | asc. node        | -076 May 00 J 03.46 | 2 02021                       |              |
| superior conj     | -679 May 25 j 15:12                                 | 25° <b>8</b> 56'01          | 1°01'50    | superior conj    | -678 May 10 j 02:42 | 10° <b>8</b> 55'54            | 0°39'55      |
| minimum elong     | -679 May 25 j 12:54                                 | 25° <b>8</b> 43'28          | 1°01'27    | minimum elong    | -678 May 10 j 01:02 | 10° <b>8</b> 46'46            | 0°39'35      |
| max. Earth dist.  | -679 May 26 j 22:34                                 | 28° <b>8</b> 46'20          | 1.32916 AU | max. Earth dist. | -678 May 10 j 10:23 | 11° <b>8</b> 38'00            | 1.32470 AU   |
| max. Dartii dist. | -679 May 27 j 12:12                                 | 0°II                        | 1.52510710 | evening rise     | -678 May 17 j 02:18 | 25° <b>8</b> 58'57            | 1.52 170 110 |
| evening rise      | -679 Jun 01 j 20:08                                 | 11° <b>Ⅱ</b> 14'32          |            | evening rise     | -678 May 19 j 01:07 | 0°Ⅱ                           |              |
| e vennig rise     | -679 Jun 11 j 17:02                                 | 0°9                         |            |                  | -678 Jun 05 j 08:29 | 0°9                           |              |
| desc. node        | -679 Jun 28 j 11:32                                 | 24°950'04                   |            | desc. node       | -678 Jun 15 j 08:32 | 12° <b>©</b> 13'58            |              |
|                   | -679 Jul 03 j 03:51                                 | 0°Ω                         |            | evening max el   | -678 Jun 16 j 10:26 | 13°9517'23                    | 26°49'33     |
| evening max el    | -679 Jul 04 j 06:35                                 | 1° <b>Ω</b> 05'25           | 27°21'51   | retrograde       | -678 Jun 30 j 09:41 | 20°534'04                     |              |
| retrograde        | -679 Jul 18 j 01:29                                 | 8° <b>Ω</b> 24'05           | _,         | evening set      | -678 Jul 07 j 05:37 | 18° <b>©</b> 31'54            |              |
| evening set       | -679 Jul 25 j 06:03                                 | 5° <b>Ω</b> 54'11           |            | min. Earth dist. | -678 Jul 11 j 00:03 | 15°952'31                     | 0.60607 AU   |
| min. Earth dist.  | -679 Jul 28 j 19:54                                 | 2° <b>Ω</b> 58'50           | 0.62582 AU | inferior conj    | -678 Jul 14 j 06:59 | 13°907'31                     |              |
| inferior conj     | -679 Jul 31 j 17:36                                 | 0° <b>Ω</b> 12'38           |            | minimum elong    | -678 Jul 14 j 09:46 | 13° <b>©</b> 01'39            |              |
| minimum elong     | -679 Jul 31 j 22:02                                 | 0° <b>£</b> 02'02           | 4°00'59    | morning rise     | -678 Jul 21 j 15:46 | 8°522'56                      | . 32 02      |
| g                 | -679 Jul 31 j 22:53                                 | 30°Rூ                       | . 000)     | direct           | -678 Jul 24 j 03:30 | 7° <b>9</b> 58'55             |              |
| morning rise      | -679 Aug 07 j 15:16                                 | 25°9506'14                  |            | morning max el   | -678 Jul 31 j 09:28 | 11°931'57                     | 18°07'04     |
| direct            | -679 Aug 10 j 03:52                                 | 24° <b>©</b> 37'17          |            | asc. node        | -678 Aug 02 j 05:03 | 13° <b>©</b> 28'24            |              |
| asc. node         | -679 Aug 15 j 07:59                                 | 26°5540'54                  |            | 450. 11040       | -678 Aug 12 j 16:26 | 0° <b>Ω</b>                   |              |
| morning max el    | -679 Aug 16 j 20:58                                 | 28° <b>©</b> 02'42          | 17°53'56   | morning set      | -678 Aug 16 j 07:33 | 6° <b>Ω</b> 43'45             |              |
| morning man vi    | -679 Aug 18 j 16:01                                 | 0°N                         | 1, 55 5 5  | morning sev      | 0,01148 10,000      | 0 00.5 .5                     |              |
| morning set       | -679 Sep 02 j 02:48                                 | 23° <b>Ω</b> 23'28          |            | superior conj    | -678 Aug 26 j 03:08 | 24° <b>Ω</b> 47'35            | 1°33'11      |
| morning sec       | -679 Sep 05 j 19:56                                 | 0° m)                       |            | minimum elong    | -678 Aug 26 j 06:56 | 25° <b>Ω</b> 04'34            |              |
|                   | .,,pj .,  | - 4                         |            |                  | -678 Aug 29 j 01:53 | 0° m/y                        |              |
| superior conj     | -679 Sep 13 j 09:23                                 | 13° <b>m</b> 06'48          | 1°08'54    | max. Earth dist. | -678 Sep 02 j 17:59 | 8° mp 00'03                   | 1.41510 AU   |
| minimum elong     | -679 Sep 13 j 14:31                                 | 13° m) 28'33                | 1°08'19    | evening rise     | -678 Sep 08 j 04:29 | 16° m 56'58                   |              |
| max. Earth dist.  | -679 Sep 20 j 09:01                                 | 24° Mp 42'01                | 1.43218 AU | desc. node       | -678 Sep 11 j 07:55 | 21° m 57'32                   |              |
|                   | -679 Sep 23 j 16:04                                 | 0° <del>ٽ</del>             |            |                  | -678 Sep 16 j 12:35 | 0° <b>ت</b>                   |              |
| desc. node        | -679 Sep 24 j 10:54                                 | 1° <b>Ω</b> 14'56           |            |                  | -678 Oct 08 j 05:07 | 0°M,                          |              |
| evening rise      | -679 Sep 28 j 08:34                                 | 7° <b>ჲ</b> 23'07           |            | evening max el   | -678 Oct 11 j 16:02 | 3°M46'28                      | 22°41'01     |
| C                 | -679 Oct 13 j 09:14                                 | o°M.                        |            | retrograde       | -678 Oct 21 j 12:27 | 9°M37'45                      |              |
| evening max el    | -679 Oct 28 j 23:11                                 | 20°M17'51                   | 21°23'39   | evening set      | -678 Oct 26 j 04:38 | 7°M43'32                      |              |
| retrograde        | -679 Nov 06 j 17:25                                 | 25°M30'09                   |            | asc. node        | -678 Oct 29 j 04:14 | 4°M33'21                      |              |
| evening set       | -679 Nov 10 j 21:07                                 | 23°M53'43                   |            | inferior conj    | -678 Oct 31 j 12:48 | 1°M23'39                      | 0°48'22      |
| asc. node         | -679 Nov 11 j 07:11                                 | 23°M33'05                   |            | minimum elong    | -678 Oct 31 j 11:41 | 1° <b>M</b> 27'28             | 0°47'54      |
| inferior conj     | -679 Nov 16 j 05:48                                 | 17°M39'28                   | 1°38'31    | min. Earth dist. | -678 Oct 31 j 09:03 | 1°M36'34                      | 0.67626 AU   |
| minimum elong     | -679 Nov 16 j 03:43                                 | 17°M46'38                   | 1°37'41    |                  | -678 Nov 01 j 13:09 | 30° <b>ŖΩ</b>                 |              |
| min. Earth dist.  | -679 Nov 16 j 12:39                                 | 17°M15'50                   | 0.67443 AU | morning rise     | -678 Nov 05 j 18:39 | 25° <b>♀</b> 12'14            |              |
| morning rise      | -679 Nov 21 j 10:10                                 | 11°M26'04                   | -          | direct           | -678 Nov 10 j 06:11 | 23° <b>£</b> 23′24            |              |
| direct            | -679 Nov 26 j 12:36                                 | 9° <b>™</b> 14'46           |            | morning max el   | -678 Nov 19 j 10:39 | 28° <b>≏</b> 48'48            | 21°59'09     |
| morning max el    | -679 Dec 06 j 22:01                                 | 15°M25'56                   | 23°25'19   | <b>5</b>         | -678 Nov 20 j 13:56 | 0°M                           |              |
| Ç                 | -679 Dec 18 j 19:58                                 | 0° <b>∡</b> 7               |            | desc. node       | -678 Dec 08 j 07:12 | 23°M36'39                     |              |
| desc. node        | -679 Dec 21 j 10:09                                 | 3° <b>∡</b> ³36'15          |            |                  | -678 Dec 12 j 13:42 | 0° <b>∡</b> 7                 |              |
|                   | -678 Jan 07 j 17:13                                 | 0°る                         |            | morning set      | -678 Dec 22 j 01:38 | 14° <b>∡</b> °48′18           |              |
| morning set       | -678 Jan 10 j 23:39                                 | 5° <b>る</b> 25'40           |            | max. Earth dist. | -678 Dec 28 j 02:17 | 24° <b>∡</b> ⁴40′13           | 1.41288 AU   |
| max. Earth dist.  | -678 Jan 15 j 04:01                                 |                             | 1.39207 AU |                  | -678 Dec 31 j 06:00 | 0°る                           |              |
|                   | J   |                             |            |                  | J · · · · · ·       | -                             |              |

| Attention astronom   | ical year style is used: Tl   |   | astronomical cou   | , ·   | 001 BCF in historical con  |  |  |
|--|---|---|--|---|--|--|--|
| superior conj  | -677 Jan 04 j 19:25   | 16 year -900 m<br>7° <b>る</b> 55'14   |  | morning set   | -677 Dec 01 j 03:34  | 23° <b>M</b> .06'49  |  |
| minimum elong  | -677 Jan 04 j 19:19   | 7°る54'46  |  | morning set   | -677 Dec 05 j 12:56  | 23 <b>110</b> 00 <b>4</b> 7  |  |
| evening rise   | -677 Jan 15 j 07:23   | 7 33440<br>27° <b>る</b> 02'42   | 2 00 32  | max. Earth dist.  | -677 Dec 10 j 07:49  |  | 1.43091 AU   |
| e vening rise  | -677 Jan 16 j 21:40   | 0°≈   |  | max. Earth dist.  | 077 Dec 10 j 07.49   | 7 7 37 24  | 1.43071 710  |
| asc. node  | -677 Jan 25 j 03:31   | 14° <b>≈</b> 31'08  |  | superior conj   | -677 Dec 16 j 21:16  | 18° <b>∡</b> "27′00  | -1°52'53   |
| evening max el   | -677 Jan 31 j 15:43   | 23°≈06'29   | 18°13'46   | minimum elong   | -677 Dec 16 j 16:36  | 18° <b>×</b> <sup>2</sup> 707'27   |  |
| retrograde   | -677 Feb 07 j 15:31   | 26° <b>≈</b> 36'58  |  |   | -677 Dec 23 j 15:45  | 0°る  |  |
| evening set  | -677 Feb 10 j 05:36   | 26° <b>≈</b> 09'01  |  | evening rise  | -677 Dec 28 j 23:22  | 9° <b>ප</b> 19'57  |  |
| inferior conj  | -677 Feb 17 j 04:19   | 21° <b>≈</b> 22'53  | 3°40'27  | <i>3</i>  | -676 Jan 10 j 04:27  | 0° <b>≈</b>  |  |
| minimum elong  | -677 Feb 17 j 06:33   | 21° <b>≈</b> 17'56  | 3°40'12  | asc. node   | -676 Jan 12 j 00:33  | 2° <b>≈</b> 35'01  |  |
| min. Earth dist.   | -677 Feb 20 j 12:40   | 18° <b>≈</b> 25'49  | 0.60017 AU   | evening max el  | -676 Jan 15 j 03:18  | 6° <b>≈</b> 14'19  | 18°08'08   |
| morning rise   | -677 Feb 24 j 05:30   | 15° <b>≈</b> 42'36  |  | retrograde  | -676 Jan 21 j 16:45  | 9° <b>≈</b> 39'42  |  |
| direct   | -677 Mar 02 j 19:44   | 13° <b>≈</b> 41'29  |  | evening set   | -676 Jan 24 j 11:09  | 9° <b>≈</b> 02'37  |  |
| desc. node   | -677 Mar 06 j 06:19   | 14° <b>≈</b> 12'45  |  | inferior conj   | -676 Jan 30 j 21:04  | 3°≈55'35   | 3°52'34  |
| morning max el   | -677 Mar 17 j 02:15   | 21° <b>≈</b> 27'18  | 27°22'50   | minimum elong   | -676 Jan 30 j 20:59  | 3° <b>≈</b> 55'47  | 3°52'34  |
|  | -677 Mar 24 j 13:25   | 0° <b>)</b> €   |  | min. Earth dist.  | -676 Feb 02 j 18:51  | 0° <b>≈</b> 59'29  | 0.62078 AU   |
|  | -677 Apr 12 j 04:12   | $0$ ° $\Upsilon$  |  |   | -676 Feb 03 j 20:03  | 30°Rる  |  |
| morning set  | -677 Apr 17 j 10:42   | 10° <b>Ƴ</b> 31'57  |  | morning rise  | -676 Feb 06 j 05:40  | 28° <b>ට</b> 01'25   |  |
| asc. node  | -677 Apr 23 j 02:50   | 22° <b>Y</b> 39'16  |  | direct  | -676 Feb 13 j 05:21  | 25° <b>る</b> 29'09   |  |
| max. Earth dist.   | -677 Apr 23 j 23:09   | 24° <b>Y</b> 30'23  | 1.32381 AU   | desc. node  | -676 Feb 21 j 03:22  | 28° <b>ප</b> 15'01   |  |
|  |   |   |  |   | -676 Feb 23 j 13:05  | 0° <b>≈</b>  |  |
| superior conj  | -677 Apr 24 j 14:20   | 25° <b>Y</b> 53'32  | 0°15'36  | morning max el  | -676 Feb 27 j 06:09  | 3° <b>≈</b> 19'51  | 27°46'15   |
| minimum elong  | -677 Apr 24 j 13:38   | 25° <b>Y</b> 49'41  | 0°15'27  |   | -676 Mar 18 j 00:56  | 0° <b>∀</b>  |  |
| behind sun begin   | -677 Apr 24 j 12:35   | 25° <b>Y</b> 43'55  |  | morning set   | -676 Mar 31 j 14:24  | 25° <b>∺</b> 01′28   |  |
| behind sun end   | -677 Apr 24 j 14:41   | 25° <b>Y</b> 55'28  |  |   | -676 Apr 03 j 00:13  | $0$ ° $\mathbf{\Upsilon}$  |  |
|  | -677 Apr 26 j 11:17   | $9^{\circ}$ 8   |  | max. Earth dist.  | -676 Apr 06 j 09:08  | 7° <b>Ƴ</b> 10′21  | 1.32665 AU   |
| evening rise   | -677 May 01 j 12:08   | 10° <b>8</b> 52'06  |  |   |  |  |  |
|  | -677 May 11 j 08:04   | $\Pi$ °0  |  | superior conj   | -676 Apr 08 j 00:27  | 10° <b>Ƴ</b> 43'05   |  |
| evening max el   | -677 May 29 j 07:34   | 24° <b>∏</b> 44'17  | 25°46'13   | minimum elong   | -676 Apr 08 j 00:55  | 10° <b>Ƴ</b> 45'42   | 0°10'13  |
| desc. node   | -677 Jun 02 j 05:33   | 28° <b>Ⅱ</b> 03'12  |  | behind sun begin  | -676 Apr 07 j 20:58  | 10° <b>Y</b> 24′13   |  |
|  | -677 Jun 05 j 07:06   | 0   |  | behind sun end  | -676 Apr 08 j 04:53  | 11° <b>Y</b> 07'13   |  |
| retrograde   | -677 Jun 12 j 09:06   | 1° <b>©</b> 56'58   |  | asc. node   | -676 Apr 08 j 23:51  | 12° <b>Y</b> 50′24   |  |
| evening set  | -677 Jun 18 j 07:19   | 0° <b>©</b> 32'52   |  | evening rise  | -676 Apr 14 j 23:43  | 25° <b>Ƴ</b> 47'08   |  |
|  | -677 Jun 19 j 09:42   | 30°RⅡ   |  |   | -676 Apr 17 j 00:11  | $0^{\circ}S$   |  |
| min. Earth dist.   | -677 Jun 22 j 19:58   | 27° <b>∏</b> 51'34  | 0.58549 AU   |   | -676 May 04 j 22:07  | $\Pi^{\circ}0$   |  |
| inferior conj  | -677 Jun 26 j 02:53   | 25° <b>∏</b> 28′23  |  | evening max el  | -676 May 09 j 23:24  | 5° <b>Ⅱ</b> 34'21  | 24°20'09   |
| minimum elong  | -677 Jun 26 j 02:03   | 25° <b>Ⅱ</b> 29'55  | 4°40'04  | desc. node  | -676 May 19 j 02:34  | 11° <b>Ⅱ</b> 42'38   |  |
| morning rise   | -677 Jul 03 j 23:20   | 21° <b>∏</b> 06′05  |  | retrograde  | -676 May 23 j 20:58  | 12° <b>∏</b> 34'32   |  |
| direct   | -677 Jul 06 j 11:45   | 20° <b>∐</b> 45'35  |  | evening set   | -676 May 28 j 10:44  | 11° <b>Ⅱ</b> 47'45   |  |
| morning max el   | -677 Jul 14 j 16:06   | 24° <b>∏</b> 37′56  | 18°40'18   | min. Earth dist.  | -676 Jun 03 j 10:53  | 8° <b>Ⅱ</b> 48'39  | 0.56715 AU   |
|  | -677 Jul 19 j 05:19   | 0∘ <b>ௐ</b>   |  | inferior conj   | -676 Jun 06 j 02:50  | 7° <b>I</b> 107'30   |  |
| asc. node  | -677 Jul 20 j 02:05   | 1° <b>©</b> 14'30   |  | minimum elong   | -676 Jun 05 j 21:32  | 7° <b>Ⅱ</b> 15'56  | 4°12'07  |
| morning set  | -677 Jul 31 j 00:08   | 20° <b>©</b> 39'15  |  | morning rise  | -676 Jun 14 j 11:11  | 3° <b>Ⅱ</b> 03'59  |  |
|  | -677 Aug 04 j 19:31   | $0$ $\circ$ $\Omega$  |  | direct  | -676 Jun 17 j 01:27  | 2° <b>Ⅱ</b> 45'48  |  |
|  |   |   |  |   |  |  |  |
| superior conj  |   | 0   |  | morning max el  | -676 Jun 26 j 13:55  | 7° <b>Ⅱ</b> 10'55  | 19°34'23   |
|  | -677 Aug 08 j 18:27   |   | 1°45'14  | asc. node   | -676 Jul 05 j 23:07  | 19° <b>Ⅱ</b> 45'56   | 19°34'23   |
| minimum elong  | -677 Aug 08 j 20:00   | 7° <b>Ω</b> 40′21   | 1°45'11  | asc. node   | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20   | 19° <b>II</b> 45'56<br>0° <b>©</b>   | 19°34'23   |
| max. Earth dist.   | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44  | 7° <b>Ω</b> 40′21<br>20° <b>Ω</b> 33′21   |  | -   | -676 Jul 05 j 23:07  | 19° <b>Ⅱ</b> 45'56   | 19°34'23   |
| _  | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11   | 7°Ω40'21<br>20°Ω33'21<br>27°Ω38'15  | 1°45'11  | asc. node morning set   | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02  | 19° <b>II</b> 45'56<br>0°©<br>5°©00'44   |  |
| max. Earth dist.<br>evening rise   | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55  | 7°N40'21<br>20°N33'21<br>27°N38'15<br>0°M   | 1°45'11  | asc. node morning set superior conj   | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44   | 19°II45'56<br>0°S<br>5°S00'44<br>21°S07'03   | 1°47'16  |
| max. Earth dist.   | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56   | 7° N 40'21<br>20° N 33'21<br>27° N 38'15<br>0° M<br>12° M 32'50   | 1°45'11  | asc. node morning set   | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18  | 19°II45'56<br>0°S<br>5°S00'44<br>21°S07'03<br>21°S04'57  |  |
| max. Earth dist.<br>evening rise<br>desc. node   | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54  | 7° N 40'21<br>20° N 33'21<br>27° N 38'15<br>0° M<br>12° M 32'50<br>0° Ω   | 1°45'11<br>1.39536 AU  | asc. node morning set superior conj minimum elong   | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09   | 19°II45'56<br>0°S<br>5°S00'44<br>21°S07'03<br>21°S04'57<br>0°N   | 1°47'16<br>1°47'16   |
| max. Earth dist. evening rise  desc. node evening max el   | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Sep 24 j 05:02   | 7° \$\alpha 40'21\ 20° \$\alpha 33'21\ 27° \$\alpha 38'15\ 0° \$\mathref{m}\ 12° \$\mathref{m}\ 32'50\ 0° \$\mathref{\alpha}\ 17° \$\mathref{\alpha}\ 18'18\ \end{array}  | 1°45'11  | asc. node morning set superior conj minimum elong max. Earth dist.  | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49  | 19°II45'56<br>0°S<br>5°S00'44<br>21°S07'03<br>21°S04'57<br>0°\$<br>2°\$32'59   | 1°47'16  |
| max. Earth dist. evening rise  desc. node evening max el retrograde  | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Sep 24 j 05:02<br>-677 Oct 05 j 04:09  | 7° ብ40'21<br>20° ብ33'21<br>27° ብ38'15<br>0° ሙ<br>12° ሙ32'50<br>0° Ω<br>17° Ω18'18<br>23° Ω45'12   | 1°45'11<br>1.39536 AU  | asc. node morning set superior conj minimum elong   | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25   | 19°II45'56<br>0°S<br>5°S00'44<br>21°S07'03<br>21°S04'57<br>0°N<br>2°N32'59<br>9°N30'08   | 1°47'16<br>1°47'16   |
| max. Earth dist. evening rise  desc. node evening max el retrograde evening set  | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Oct 05 j 04:09<br>-677 Oct 10 j 10:18  | 7° \$\alpha 40'21\ 20° \$\alpha 33'21\ 27° \$\alpha 38'15\ 0° \$\mathred{m}\ 12° \$\mathred{m} 32'50\ 0° \$\alpha \\ 17° \$\alpha 18'18\\ 23° \$\alpha 45'12\\ 21° \$\alpha 32'57\  | 1°45'11<br>1.39536 AU<br>24°01'23                                      | asc. node morning set superior conj minimum elong max. Earth dist. evening rise   | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06  | 19°I45'56<br>0°I<br>5°I00'44<br>21°I07'03<br>21°I04'57<br>0°I<br>2°I32'59<br>9°I30'08<br>0°I   | 1°47'16<br>1°47'16   |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist.  | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Oct 05 j 04:09<br>-677 Oct 10 j 10:18<br>-677 Oct 15 j 05:22   | 7° በ40'21<br>20° በ33'21<br>27° በ38'15<br>0° ነው<br>12° ነው 32'50<br>0° Ω<br>17° Ω18'18<br>23° Ω45'12<br>21° Ω32'57<br>15° Ω58'53  | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU                        | asc. node morning set superior conj minimum elong max. Earth dist.  | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Aug 15 j 01:56   | 19°I45'56 0°S 5°S00'44  21°S07'03 21°S04'57 0°A 2°A32'59 9°A30'08 0°M 2°M55'46   | 1°47'16<br>1°47'16   |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj  | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Sep 24 j 05:02<br>-677 Oct 05 j 04:09<br>-677 Oct 10 j 10:18<br>-677 Oct 15 j 05:22<br>-677 Oct 15 j 19:24   | 7° በ40'21<br>20° በ33'21<br>27° በ38'15<br>0° ነው<br>12° ነው 32'50<br>0° Ω<br>17° Ω18'18<br>23° Ω45'12<br>21° Ω32'57<br>15° Ω58'53<br>15° Ω11'21  | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05            | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node  | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Aug 15 j 01:56<br>-676 Sep 04 j 19:05  | 19° II 45'56 0° 500'44  21° 507'03 21° 504'57 0° A 2° A 32'59 9° A 30'08 0° M 2° M 55'46 0° A  | 1°47'16<br>1°47'16<br>1.37561 AU                                       |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Sep 24 j 05:02<br>-677 Oct 05 j 04:09<br>-677 Oct 10 j 10:18<br>-677 Oct 15 j 05:22<br>-677 Oct 15 j 19:24<br>-677 Oct 15 j 19:31  | 7° ብ40'21<br>20° ብ33'21<br>27° ብ38'15<br>0° ሙ<br>12° ሙ32'50<br>0° Ω<br>17° Ω18'18<br>23° Ω45'12<br>21° Ω32'57<br>15° Ω58'53<br>15° Ω11'21<br>15° Ω10'57   | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05<br>0°05'01 | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el   | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33  | 19° II 45'56 0° 500'44  21° 500'03 21° 5004'57 0° A 2° A 32'59 9° A 30'08 0° M 2° M 55'46 0° A 0° A  | 1°47'16<br>1°47'16   |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong transit middle   | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Sep 24 j 05:02<br>-677 Oct 05 j 04:09<br>-677 Oct 10 j 10:18<br>-677 Oct 15 j 19:24<br>-677 Oct 15 j 19:24<br>-677 Oct 15 j 19:31  | 7° \$\alpha 40'21\ 20° \$\alpha 33'21\ 27° \$\alpha 38'15\ 0° \$\mathref{m}\ 12° \$\mathref{m}\ 32'50\ 0° \$\alpha \\ 17° \$\alpha 18'18\ 23° \$\alpha 45'12\ 21° \$\alpha 32'57\ 15° \$\alpha 58'53\ 15° \$\alpha 11'21\ 15° \$\alpha 10'57\ 15° \$\alpha 10'57\ \end{array}   | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05            | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde  | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33<br>-676 Sep 17 j 15:26   | 19°II45'56 0°S 5°S00'44  21°S07'03 21°S04'57 0°A 2°A32'59 9°A30'08 0°M 2°M55'46 0°A 0°A53'41 7°A47'48  | 1°47'16<br>1°47'16<br>1.37561 AU                                       |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin   | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Sep 24 j 05:02<br>-677 Oct 05 j 04:09<br>-677 Oct 10 j 10:18<br>-677 Oct 15 j 19:24<br>-677 Oct 15 j 19:31<br>-677 Oct 15 j 19:31<br>-677 Oct 15 j 19:31<br>-677 Oct 15 j 19:31  | 7° \$\alpha 40'21\ 20° \$\alpha 33'21\ 27° \$\alpha 38'15\ 0° \$\mathbf{m}\ 12° \$\mathbf{m} 32'50\ 0° \$\alpha \\ 17° \$\alpha 18'18\ 23° \$\alpha 45'12\ 21° \$\alpha 32'57\ 15° \$\alpha 58'53\ 15° \$\alpha 11'21\ 15° \$\alpha 10'57\ 15° \$\alpha 10'57\ 15° \$\alpha 10'57\ 15° \$\alpha 19'44\ \end{array}  | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05<br>0°05'01 | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde evening set  | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33<br>-676 Sep 17 j 15:26<br>-676 Sep 23 j 12:22  | 19° II 45'56 0° 50 5° 500'44  21° 507'03 21° 504'57 0° A 2° A 32'59 9° A 30'08 0° M 2° M 55'46 0° 50 0° 53'41 7° 547'48 5° 518'53  | 1°47'16<br>1°47'16<br>1.37561 AU<br>25°17'40                           |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end                               | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Sep 24 j 05:02<br>-677 Oct 05 j 04:09<br>-677 Oct 10 j 10:18<br>-677 Oct 15 j 19:24<br>-677 Oct 15 j 19:31<br>-677 Oct 15 j 19:31 | 7° \$\alpha 40'21 \\ 20° \$\alpha 33'21 \\ 27° \$\alpha 38'15 \\ 0° \$\mathbf{m} \\ 12° \$\mathbf{m} 32'50 \\ 0° \$\alpha \\ 17° \$\alpha 18'18 \\ 23° \$\alpha 45'12 \\ 21° \$\alpha 32'57 \\ 15° \$\alpha 58'53 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 19'44 \\ 15° \$\alpha 02'10 \\ align*   | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05<br>0°05'01 | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde  | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33<br>-676 Sep 17 j 15:26<br>-676 Sep 23 j 12:22<br>-676 Sep 27 j 23:07   | 19° II 45'56 0° 50 5° 500'44  21° 507'03 21° 504'57 0° A 2° A 32'59 9° A 30'08 0° M 2° M 55'46 0° \$\oldsymbol{\Omega}\$ 0° \$\oldsymbol{\Omega}\$ 5° \$\oldsymbol{\Omega}\$ 18'53 0° \$\oldsymbol{\Omega}\$ 20'05 | 1°47'16<br>1°47'16<br>1.37561 AU                                       |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node                     | -677 Aug 08 j 20:00<br>-677 Aug 15 j 21:44<br>-677 Aug 20 j 00:11<br>-677 Aug 21 j 09:55<br>-677 Aug 29 j 04:56<br>-677 Sep 10 j 01:54<br>-677 Sep 24 j 05:02<br>-677 Oct 05 j 04:09<br>-677 Oct 10 j 10:18<br>-677 Oct 15 j 19:31<br>-677 Oct 15 j 19:31<br>-677 Oct 15 j 19:31<br>-677 Oct 15 j 16:56<br>-677 Oct 15 j 22:06<br>-677 Oct 16 j 01:16   | 7° \$\alpha 40'21 \\ 20° \$\alpha 33'21 \\ 27° \$\alpha 33'15 \\ 0° \$\mathbf{m} \\ 12° \$\mathbf{m} 32'50 \\ 0° \$\alpha \\ 17° \$\alpha 18'18 \\ 23° \$\alpha 45'12 \\ 21° \$\alpha 32'57 \\ 15° \$\alpha 58'53 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'44 \\ 15° \$\alpha 02'10 \\ 14° \$\alpha 51'27 \\ }  | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05<br>0°05'01 | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde evening set min. Earth dist.                                       | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33<br>-676 Sep 17 j 15:26<br>-676 Sep 23 j 12:22<br>-676 Sep 27 j 23:07<br>-676 Sep 28 j 05:19  | 19° II 45'56 0° 50 5° 500'44  21° 507'03 21° 504'57 0° A 2° A 32'59 9° A 30'08 0° M 2° M 55'46 0° \$\oldsymbol{\Omega}\$ 0° \$\oldsymbol{\Omega}\$ 18'53 0° \$\oldsymbol{\Omega}\$ 30° RM                          | 1°47'16<br>1°47'16<br>1.37561 AU<br>25°17'40<br>0.67047 AU             |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise        | -677 Aug 08 j 20:00 -677 Aug 15 j 21:44 -677 Aug 20 j 00:11 -677 Aug 21 j 09:55 -677 Aug 29 j 04:56 -677 Sep 10 j 01:54 -677 Sep 24 j 05:02 -677 Oct 05 j 04:09 -677 Oct 10 j 10:18 -677 Oct 15 j 19:24 -677 Oct 15 j 19:31 -677 Oct 15 j 19:31 -677 Oct 15 j 19:31 -677 Oct 15 j 22:06 -677 Oct 16 j 01:16 -677 Oct 21 j 04:42   | 7° \$\alpha 40'21 \\ 20° \$\alpha 33'21 \\ 27° \$\alpha 33'15 \\ 0° \$\mathbf{m} \\ 12° \$\mathbf{m} 32'50 \\ 0° \$\alpha \\ 17° \$\alpha 18'18 \\ 23° \$\alpha 45'12 \\ 21° \$\alpha 32'57 \\ 15° \$\alpha 58'53 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'44 \\ 15° \$\alpha 02'10 \\ 14° \$\alpha 51'27 \\ 9° \$\alpha 04'34  | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05<br>0°05'01 | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde evening set min. Earth dist. inferior conj                         | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33<br>-676 Sep 17 j 15:26<br>-676 Sep 23 j 12:22<br>-676 Sep 27 j 23:07<br>-676 Sep 28 j 05:19<br>-676 Sep 28 j 23:50   | 19° II 45'56 0° 50 5° 500'44  21° 507'03 21° 50'45'57 0° A 2° A 32'59 9° A 30'08 0° M 2° M 55'46 0° 50 0° 55'46 0° 50 18'53 0° 52'20'05 30° R M 28° M 59'38  | 1°47'16<br>1°47'16<br>1.37561 AU<br>25°17'40<br>0.67047 AU<br>-1°00'23 |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise direct | -677 Aug 08 j 20:00 -677 Aug 15 j 21:44 -677 Aug 20 j 00:11 -677 Aug 21 j 09:55 -677 Aug 29 j 04:56 -677 Sep 10 j 01:54 -677 Sep 24 j 05:02 -677 Oct 05 j 04:09 -677 Oct 10 j 10:18 -677 Oct 15 j 19:24 -677 Oct 15 j 19:31 -677 Oct 15 j 19:31 -677 Oct 15 j 16:56 -677 Oct 15 j 12:06 -677 Oct 16 j 01:16 -677 Oct 21 j 04:42 -677 Oct 25 j 02:48   | 7° \$\alpha 40'21 \\ 20° \$\alpha 33'21 \\ 27° \$\alpha 33'15 \\ 0° \$\mathbf{m} \\ 12° \$\mathbf{m} 32'50 \\ 0° \$\alpha \\ 17° \$\alpha 18'18 \\ 23° \$\alpha 45'12 \\ 21° \$\alpha 32'57 \\ 15° \$\alpha 58'53 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'44 \\ 15° \$\alpha 02'10 \\ 14° \$\alpha 51'27 \\ 9° \$\alpha 04'34 \\ 7° \$\alpha 37'10   | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05<br>0°05'01 | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong           | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33<br>-676 Sep 17 j 15:26<br>-676 Sep 23 j 12:22<br>-676 Sep 27 j 23:07<br>-676 Sep 28 j 05:19<br>-676 Sep 29 j 01:20   | 19° II 45'56 0° 5 5° 500'44  21° 507'03 21° 504'57 0° A 2° A 32'59 9° A 30'08 0° M 2° M 55'46 0° £ 0° £ 53'41 7° £ 47'48 5° £ 18'53 0° £ 20'05 30° R M 28° M 59'38 28° M 54'44                                     | 1°47'16<br>1°47'16<br>1.37561 AU<br>25°17'40<br>0.67047 AU<br>-1°00'23 |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise        | -677 Aug 08 j 20:00 -677 Aug 15 j 21:44 -677 Aug 20 j 00:11 -677 Aug 21 j 09:55 -677 Aug 29 j 04:56 -677 Sep 10 j 01:54 -677 Sep 24 j 05:02 -677 Oct 05 j 04:09 -677 Oct 10 j 10:18 -677 Oct 15 j 19:24 -677 Oct 15 j 19:31 -677 Oct 15 j 19:31 -677 Oct 15 j 16:56 -677 Oct 16 j 01:16 -677 Oct 21 j 04:42 -677 Oct 25 j 02:48 -677 Nov 02 j 05:48   | 7° \$\alpha 40'21 \\ 20° \$\alpha 33'21 \\ 27° \$\alpha 33'15 \\ 0° \$\mathbf{m} \\ 12° \$\mathbf{m} 32'50 \\ 0° \$\alpha \\ 17° \$\alpha 18'18 \\ 23° \$\alpha 45'12 \\ 21° \$\alpha 32'57 \\ 15° \$\alpha 58'53 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'44 \\ 15° \$\alpha 02'10 \\ 14° \$\alpha 51'27 \\ 9° \$\alpha 04'34 \\ 7° \$\alpha 37'10 \\ 12° \$\alpha 20'444 \\ | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05<br>0°05'01 | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Aug 15 j 01:56<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33<br>-676 Sep 17 j 15:26<br>-676 Sep 23 j 12:22<br>-676 Sep 27 j 23:07<br>-676 Sep 28 j 05:19<br>-676 Sep 29 j 01:20<br>-676 Oct 01 j 22:19 | 19° II 45'56 0° 5 5° 500'44  21° 507'03 21° 504'57 0° A 2° A32'59 9° A30'08 0° M 2° M 55'46 0° 5 0° 53'41 7° 547'48 5° 518'53 0° 520'05 30° R M 28° M 59'38 28° M 54'44 25° M 23'28                                | 1°47'16<br>1°47'16<br>1.37561 AU<br>25°17'40<br>0.67047 AU<br>-1°00'23 |
| max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise direct | -677 Aug 08 j 20:00 -677 Aug 15 j 21:44 -677 Aug 20 j 00:11 -677 Aug 21 j 09:55 -677 Aug 29 j 04:56 -677 Sep 10 j 01:54 -677 Sep 24 j 05:02 -677 Oct 05 j 04:09 -677 Oct 10 j 10:18 -677 Oct 15 j 19:24 -677 Oct 15 j 19:31 -677 Oct 15 j 19:31 -677 Oct 15 j 16:56 -677 Oct 15 j 12:06 -677 Oct 16 j 01:16 -677 Oct 21 j 04:42 -677 Oct 25 j 02:48   | 7° \$\alpha 40'21 \\ 20° \$\alpha 33'21 \\ 27° \$\alpha 33'15 \\ 0° \$\mathbf{m} \\ 12° \$\mathbf{m} 32'50 \\ 0° \$\alpha \\ 17° \$\alpha 18'18 \\ 23° \$\alpha 45'12 \\ 21° \$\alpha 32'57 \\ 15° \$\alpha 58'53 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'57 \\ 15° \$\alpha 10'44 \\ 15° \$\alpha 02'10 \\ 14° \$\alpha 51'27 \\ 9° \$\alpha 04'34 \\ 7° \$\alpha 37'10   | 1°45'11<br>1.39536 AU<br>24°01'23<br>0.67493 AU<br>-0°05'05<br>0°05'01 | asc. node morning set superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde evening set min. Earth dist. inferior conj minimum elong           | -676 Jul 05 j 23:07<br>-676 Jul 11 j 12:20<br>-676 Jul 14 j 01:02<br>-676 Jul 22 j 01:44<br>-676 Jul 22 j 01:18<br>-676 Jul 26 j 16:09<br>-676 Jul 28 j 00:49<br>-676 Jul 31 j 20:25<br>-676 Aug 13 j 04:06<br>-676 Sep 04 j 19:05<br>-676 Sep 05 j 16:33<br>-676 Sep 17 j 15:26<br>-676 Sep 23 j 12:22<br>-676 Sep 27 j 23:07<br>-676 Sep 28 j 05:19<br>-676 Sep 29 j 01:20   | 19° II 45'56 0° 5 5° 500'44  21° 507'03 21° 504'57 0° A 2° A 32'59 9° A 30'08 0° M 2° M 55'46 0° £ 0° £ 53'41 7° £ 47'48 5° £ 18'53 0° £ 20'05 30° R M 28° M 59'38 28° M 54'44                                     | 1°47'16<br>1°47'16<br>1.37561 AU<br>25°17'40<br>0.67047 AU<br>-1°00'23 |

| 3                | 3  |   | •          | //                      | 901 BCE in historical cou                  | , ,                                     | 50 121     |
|------------------|--|---|------------|-------------------------|--|---|------------|
| morning max el   | -676 Oct 15 j 08:30                        | 26° mp 01'57                            |            | morning set             | -675 Oct 19 j 19:48                        | 10° <b>≏</b> 42'53                      |            |
|                  | -676 Oct 18 j 19:47                        | 0∘ <b>⊽</b>                             |            | desc. node              | -675 Oct 28 j 22:17                        | 25° <b>ჲ</b> 07'03                      |            |
|                  | -676 Nov 08 j 04:25                        | $0^{\circ}$ M                           |            |                         | -675 Nov 01 j 00:44                        | $0^{\circ}$ M                           |            |
| morning set      | -676 Nov 09 j 01:54                        | 1°M23'15                                |            |                         |  |   |            |
| desc. node       | -676 Nov 11 j 01:15                        | 4° <b>™</b> 27'00                       |            | superior conj           | -675 Nov 04 j 23:11                        | 6°M11′26                                | -0°44'51   |
| max. Earth dist. | -676 Nov 21 j 20:46                        | 21°M24'25                               | 1.44371 AU | minimum elong           | -675 Nov 04 j 17:27                        | 5° <b>M</b> 48′51                       | 0°44'08    |
|                  |  |   |            | max. Earth dist.        | -675 Nov 04 j 14:31                        |   | 1.44969 AU |
| superior conj    | -676 Nov 25 j 20:08                        | 27° <b>M</b> ₊44'40                     |            |                         | -675 Nov 19 j 23:35                        | 0° <b>∡</b> ¹                           |            |
| minimum elong    | -676 Nov 25 j 12:06                        | 27° <b>™</b> 12'28                      | 1°26'23    | evening rise            | -675 Nov 20 j 16:45                        | 1° <b>∡</b> ′08'50                      |            |
|                  | -676 Nov 27 j 05:48                        | 0° <b>√</b>                             |            |                         | -675 Dec 09 j 12:39                        | 0°る                                     | 10050146   |
| evening rise     | -676 Dec 09 j 19:40                        | 20° <b>∡</b> ′43'43                     |            | evening max el          | -675 Dec 12 j 02:47                        | 2°る58'26<br>5°る55'35                    | 18°52'46   |
| evening max el   | -676 Dec 15 j 07:59<br>-676 Dec 28 j 15:51 | 0°る<br>19°る33'24                        | 10021120   | asc. node retrograde    | -675 Dec 15 j 18:38<br>-675 Dec 18 j 22:05 | 5° <b>る</b> 3333<br>6° <b>る</b> 49'17   |            |
| asc. node        | -676 Dec 28 j 21:35                        | 19 <b>3</b> 33 24<br>19° <b>る</b> 47'46 | 10 21 20   | evening set             | -675 Dec 22 j 02:43                        | 5°る50'42                                |            |
| retrograde       | -675 Jan 04 j 04:15                        | 23° <b>る</b> 06'13                      |            | inferior conj           | -675 Dec 27 j 20:02                        | 0°る06'41                                | 3°20'50    |
| evening set      | -675 Jan 07 j 03:14                        | 22°る19'00                               |            | minimum elong           | -675 Dec 27 j 17:22                        | 0°る14'55                                |            |
| inferior conj    | -675 Jan 13 j 03:31                        | 16° <b>る</b> 52'17                      | 3°44'03    | minimum ciong           | -675 Dec 27 j 22:12                        | 30°R. <b>✓</b>                          | 3 20 10    |
| minimum elong    | -675 Jan 13 j 01:44                        | 16° <b>ප</b> 57'18                      | 3°43'51    | min. Earth dist.        | -675 Dec 29 j 11:43                        | 28° <b>×</b> 704'17                     | 0.65378 AU |
| min. Earth dist. | -675 Jan 15 j 10:26                        | 14° <b>る</b> 17'08                      | 0.63906 AU | morning rise            | -674 Jan 02 j 07:44                        | 23° <b>∡</b> ′57'54                     |            |
| morning rise     | -675 Jan 18 j 23:40                        | 10° <b>る</b> 49'23                      |            | direct                  | -674 Jan 08 j 22:25                        | 21° <b>∡</b> ¹06'36                     |            |
| direct           | -675 Jan 25 j 22:36                        | 8° <b>ප</b> 00'10                       |            | morning max el          | -674 Jan 21 j 23:58                        | 28° <b>҂</b> ⁴44'32                     | 26°48'15   |
| desc. node       | -675 Feb 07 j 00:25                        | 14° <b>る</b> 18'16                      |            |                         | -674 Jan 23 j 05:20                        | ರ°0                                     |            |
| morning max el   | -675 Feb 08 j 14:13                        | 15° <b>る</b> 48'55                      | 27°33'16   | desc. node              | -674 Jan 24 j 21:29                        | 1° <b>る</b> 49'00                       |            |
|                  | -675 Feb 20 j 07:02                        | 0° <b>≈</b>                             |            |                         | -674 Feb 14 j 02:11                        | 0° <b>≈</b>                             |            |
|                  | -675 Mar 10 j 17:16                        | 0° <b>∀</b>                             |            | morning set             | -674 Feb 26 j 20:51                        | 22° <b>≈</b> 33'39                      |            |
| morning set      | -675 Mar 15 j 10:54                        | 9° <b>米</b> 05'35                       |            |                         | -674 Mar 02 j 16:18                        | 0° <b>∀</b>                             |            |
| max. Earth dist. | -675 Mar 20 j 12:30                        | 19° <b>∺</b> 25'29                      | 1.33349 AU | max. Earth dist.        | -674 Mar 03 j 05:46                        | 1° <b>∺</b> 07'19                       | 1.34474 AU |
|                  | (75.) ( 22.) (7.1)                         | 2501/10/20                              | 0026152    |                         | (74) ( 07:00:20                            | 00 1/ 22/26                             | 1000157    |
| superior conj    | -675 Mar 23 j 07:16                        | 25° <b>¥</b> 18′28                      |            | superior conj           | -674 Mar 07 j 08:39                        | 9° <b>)</b> 32'36                       |            |
| minimum elong    | -675 Mar 23 j 09:01                        | 25° <b>)</b> 27'49<br>0° <b>°</b>       | 0°36'31    | minimum elong asc. node | -674 Mar 07 j 11:34<br>-674 Mar 13 j 17:57 | 9° <b>)</b> 47'45<br>22° <b>)</b> 56'35 | 1°02′26    |
| asc. node        | -675 Mar 25 j 11:49<br>-675 Mar 26 j 20:54 | 0 1<br>2° <b>Υ</b> 57'45                |            | evening rise            | -674 Mar 14 j 20:53                        | 25° <del>X</del> 16'56                  |            |
| evening rise     | -675 Mar 30 j 11:15                        | 10° <b>Υ</b> 37'41                      |            | evening rise            | -674 Mar 17 j 04:07                        | 25 <b>γ</b> (1030                       |            |
| evening rise     | -675 Apr 09 j 12:53                        | 0°8                                     |            | evening max el          | -674 Apr 03 j 13:02                        | 27° <b>Υ</b> '00'57                     | 21°15'00   |
| evening max el   | -675 Apr 21 j 15:00                        | 16° <b>8</b> 10'35                      | 22°45'06   | evening max er          | -674 Apr 07 j 04:24                        | 0°8                                     | 21 13 00   |
| retrograde       | -675 May 04 j 19:55                        | 22° <b>8</b> 42'11                      |            | retrograde              | -674 Apr 15 j 10:07                        | 2° <b>8</b> 46'28                       |            |
| desc. node       | -675 May 05 j 23:35                        | 22° <b>8</b> 39'13                      |            | evening set             | -674 Apr 17 j 18:26                        | 2° <b>8</b> 33'45                       |            |
| evening set      | -675 May 08 j 00:52                        | 22° <b>8</b> 19'40                      |            | desc. node              | -674 Apr 22 j 20:37                        | 0° <b>8</b> 50'14                       |            |
| min. Earth dist. | -675 May 15 j 23:46                        | 18° <b>8</b> 50'59                      | 0.55442 AU |                         | -674 Apr 24 j 12:36                        | 30° <b>Ŗ</b> ♈                          |            |
| inferior conj    | -675 May 17 j 08:06                        | 18° <b>8</b> 04'40                      | -3°01'36   | inferior conj           | -674 Apr 27 j 02:53                        | 28° <b>Y</b> '34'10                     | -1°12'39   |
| minimum elong    | -675 May 17 j 01:08                        | 18° <b>8</b> 14'41                      | 2°59'38    | minimum elong           | -674 Apr 26 j 23:28                        | 28° <b>Y</b> 38'59                      | 1°11'26    |
| morning rise     | -675 May 26 j 03:36                        | 14° <b>8</b> 10'29                      |            | min. Earth dist.        | -674 Apr 27 j 12:43                        | 28° <b>Y</b> 20'19                      | 0.55016 AU |
| direct           | -675 May 28 j 21:34                        | 13° <b>8</b> 52'51                      |            | morning rise            | -674 May 06 j 04:43                        | 24° <b>Ƴ</b> 31'57                      |            |
| morning max el   | -675 Jun 09 j 01:00                        | 19° <b>8</b> 03'40                      | 20°48'56   | direct                  | -674 May 09 j 08:07                        | 24° <b>Y</b> 10'33                      |            |
| _                | -675 Jun 17 j 17:15                        | 0° <b>П</b>                             |            |                         | -674 May 21 j 19:18                        | 0°8                                     |            |
| asc. node        | -675 Jun 22 j 20:10                        | 8° <b>Ⅱ</b> 52'06                       |            | morning max el          | -674 May 22 j 01:24                        |   | 22°20'34   |
| morning set      | -675 Jun 28 j 07:39                        | 19° <b>Ⅱ</b> 41'34                      |            | asc. node               | -674 Jun 09 j 17:14                        | 28° <b>8</b> 23'21                      |            |
|                  | -675 Jul 03 j 06:58                        | 0ංවෙ                                    |            | morning set             | -674 Jun 10 j 12:27<br>-674 Jun 12 j 17:46 | 0° <b>П</b><br>4° <b>П</b> 34'11        |            |
| superior conj    | -675 Jul 05 j 20:28                        | 5° <b>©</b> 17'10                       | 10/11/20   | morning set             | -0/4 Juli 12 j 17.40                       | 4 Д3411                                 |            |
| minimum elong    | -675 Jul 05 j 18:42                        |   | 1°41'23    | superior conj           | -674 Jun 19 j 23:01                        | 19° <b>∏</b> 51'34                      | 1°29'39    |
| max. Earth dist. | -675 Jul 10 j 09:12                        |   | 1.35798 AU | minimum elong           | -674 Jun 19 j 20:36                        | 19° <b>Ⅲ</b> 38'48                      | 1°29'23    |
| evening rise     | -675 Jul 14 j 13:09                        | 22° <b>©</b> 22'50                      |            | max. Earth dist.        | -674 Jun 23 j 02:28                        | 26° <b>Ⅲ</b> 25'28                      | 1.34374 AU |
| <i>8</i>         | -675 Jul 18 j 17:29                        | $0^{\circ}\Omega$                       |            |                         | -674 Jun 24 j 20:29                        | 0ಂತಾ                                    |            |
| desc. node       | -675 Aug 01 j 22:57                        | 23° <b>Ω</b> 00'40                      |            | evening rise            | -674 Jun 27 j 21:16                        | 6° <b>©</b> 01'39                       |            |
|                  | -675 Aug 06 j 21:55                        | 0° <b>m</b> )                           |            |                         | -674 Jul 11 j 09:15                        | $0^{\circ}\Omega$                       |            |
| evening max el   | -675 Aug 19 j 04:12                        | 14° <b>m</b> 29'43                      | 26°22'00   | desc. node              | -674 Jul 19 j 19:58                        | 12° <b>Ω</b> 38'40                      |            |
| retrograde       | -675 Aug 31 j 21:49                        | 21°M/40'50                              |            | evening max el          | -674 Aug 01 j 15:56                        | 27° <b>Ω</b> 57'24                      | 27°06'49   |
| evening set      | -675 Sep 07 j 08:54                        | 18° <b>m</b> 59'22                      |            |                         | -674 Aug 03 j 22:00                        | 0° <b>m</b>                             |            |
| min. Earth dist. | -675 Sep 11 j 11:52                        | 14° <b>m</b> 37'46                      | 0.66266 AU | retrograde              | -674 Aug 14 j 22:56                        | 5° Mp 16'36                             |            |
| inferior conj    | -675 Sep 13 j 00:18                        | 12°Mp46'11                              |            | evening set             | -674 Aug 21 j 21:26                        | 2°m/30'09                               |            |
| minimum elong    | -675 Sep 13 j 03:11                        | 12° <b>m</b> 37'19                      | 1°54'41    |                         | -674 Aug 24 j 13:48                        | 30°R <b>Ω</b>                           |            |
| morning rise     | -675 Sep 18 j 21:50                        | 6° m 57'43                              |            | min. Earth dist.        | -674 Aug 25 j 17:18                        | 28° <b>Ω</b> 45'52                      |            |
| asc. node        | -675 Sep 18 j 19:22                        | 7° mp 01'20                             |            | inferior conj           | -674 Aug 27 j 18:37                        | 26° <b>Ω</b> 26'37                      |            |
| direct           | -675 Sep 21 j 23:11                        | 6° Mp 04'36                             | 10045116   | minimum elong           | -674 Aug 27 j 22:41                        | 26°Ω15'09                               | 2°47'58    |
| morning max el   | -675 Sep 28 j 17:54                        |   | 18°45'16   | morning rise            | -674 Sep 03 j 00:35                        | 20°Ω52'05                               |            |
|                  | -675 Oct 13 j 01:44                        | 0∘ <b>⊽</b>                             |            | direct                  | -674 Sep 05 j 19:00                        | 20° <b>Ω</b> 10'54                      |            |

| •                   | •                   |   | •                | * *              | 901 BCE in historical cou |                                  | ge 122      |
|---------------------|---------------------|---|------------------|------------------|---------------------------|----------------------------------|-------------|
| asc. node           | -674 Sep 05 j 16:26 | 20° <b>Ω</b> 10'57                      | astronomical cou | direct           | -673 Aug 20 j 09:50       | 4° <b>Ω</b> 05'41                |             |
|                     | -674 Sep 12 j 07:49 | 20° <b>Ω</b> 42'40                      | 10011126         | asc. node        |                           | 4° <b>Ω</b> 54'50                |             |
| morning max el      | 1 2                 |   | 18-11-20         |                  | -673 Aug 23 j 13:31       |                                  | 17955100    |
| . ,                 | -674 Sep 17 j 09:14 | 0°M)                                    |                  | morning max el   | -673 Aug 26 j 23:27       | 7° <b>Ω</b> 31'15                | 17-55 02    |
| morning set         | -674 Sep 30 j 18:07 | 21° Mp 26'21                            |                  | . ,              | -673 Sep 10 j 19:15       | 0°M)                             |             |
|                     | -674 Oct 05 j 22:51 | 0∘ <b>⊽</b>                             |                  | morning set      | -673 Sep 12 j 18:12       | 3° Mp 23'58                      |             |
| superior conj       | -674 Oct 15 j 02:24 | 14° <b>£</b> 44'48                      | 0°04'39          | superior conj    | -673 Sep 25 j 01:43       | 24° <b>m</b> 19'43               | 0°48'50     |
| minimum elong       | -674 Oct 15 j 02:58 | 14° <b>⊆</b> 44'48                      | 0°04'33          | minimum elong    | -673 Sep 25 j 06:24       | 24° m/ 39'00                     | 0°48'15     |
| behind sun begin    | -674 Oct 14 j 16:26 | 14° <b>⊆</b> 47'03                      | 0 04 33          | minimum ciong    | -673 Sep 28 j 12:59       | 0° <b>⊡</b>                      | 0 46 13     |
| _                   | 3                   | 14 <b>=</b> 03 08<br>15° <b>£</b> 28'59 |                  | Danth 4:-4       |                           | 0 <b>==</b><br>4° <b>ჲ</b> 04'36 | 1 42077 ATT |
| behind sun end      | -674 Oct 15 j 13:31 |   |                  | max. Earth dist. | -673 Oct 01 j 01:43       | 6° <b>£</b> 38'39                | 1.43977 AU  |
| desc. node          | -674 Oct 15 j 19:20 | 15° <b>£</b> 52'03                      | 1 44025 ATT      | desc. node       | -673 Oct 02 j 16:20       |                                  |             |
| max. Earth dist.    | -674 Oct 18 j 09:17 | 19° <b>≏</b> 57'10<br>0° <b>™</b>       | 1.44825 AU       | evening rise     | -673 Oct 10 j 22:13       | 19° <b>Ω</b> 32'56               |             |
|                     | -674 Oct 24 j 18:58 | 10°M37'44                               |                  |                  | -673 Oct 17 j 18:27       | 0°M 52120                        | 20042150    |
| evening rise        | -674 Oct 31 j 14:45 |   | 0.7              | evening max el   | -673 Nov 08 j 11:45       | 29°M53'30<br>0°⊀                 | 20-42-50    |
| greatest brilliancy | -674 Nov 13 j 02:28 | 29° <b>M</b> .51′20<br>0° <b>√</b>      | -0.7m            |                  | -673 Nov 08 j 14:17       |                                  |             |
|                     | -674 Nov 13 j 04:46 |   | 10040120         | retrograde       | -673 Nov 16 j 16:41       | 4° 🖈 44'45                       |             |
| evening max el      | -674 Nov 25 j 09:55 | 16° ₹25'50                              | 19°40'38         | asc. node        | -673 Nov 19 j 12:45       | 3° <b>₹</b> 58'55                |             |
| retrograde          | -674 Dec 02 j 19:06 | 20° 🖈 43'33                             |                  | evening set      | -673 Nov 20 j 13:57       | 3° <b>∡</b> 18′08                |             |
| asc. node           | -674 Dec 02 j 15:41 | 20° <b>₹</b> 43′26                      |                  |                  | -673 Nov 23 j 19:45       | 30°RM₁                           | 200511.6    |
| evening set         | -674 Dec 06 j 07:00 | 19° <b>∡</b> 31'58                      | 20.45100         | inferior conj    | -673 Nov 25 j 23:35       | 27°M08'51                        | 2°05'16     |
| inferior conj       | -674 Dec 11 j 19:34 | 13° <b>∡</b> 33'40                      | 2°47'00          | minimum elong    | -673 Nov 25 j 21:06       | 27°M17'19                        | 2°04'23     |
| minimum elong       | -674 Dec 11 j 16:43 | 13° <b>∡</b> ⁴43′01                     | 2°46'09          | min. Earth dist. | -673 Nov 26 j 13:02       | 26°M23'01                        | 0.67181 AU  |
| min. Earth dist.    | -674 Dec 12 j 21:19 | 12° <b>₹</b> 09'06                      | 0.66462 AU       | morning rise     | -673 Dec 01 j 04:03       | 20°M55'02                        |             |
| morning rise        | -674 Dec 17 j 02:13 | 7° <b>∡</b> 121'17                      |                  | direct           | -673 Dec 06 j 15:18       | 18°M31'10                        |             |
| direct              | -674 Dec 23 j 04:14 | 4° <b>₹</b> 39'42                       |                  | morning max el   | -673 Dec 17 j 17:37       | 25°M08'30                        | 24°15'44    |
| morning max el      | -673 Jan 04 j 09:15 | 11° <b>∡</b> ′54′18                     | 25°39'11         |                  | -673 Dec 22 j 03:24       | 0° <b>∡</b>                      |             |
| desc. node          | -673 Jan 11 j 18:33 | 20° <b>∡</b> 21'38                      |                  | desc. node       | -673 Dec 29 j 15:35       | 9° <b>×</b> 37'24                |             |
|                     | -673 Jan 18 j 22:33 | 0°ರ                                     |                  |                  | -672 Jan 12 j 10:54       | 0° <b>ਰ</b>                      |             |
|                     | -673 Feb 06 j 18:11 | 0° <b>≈</b>                             |                  | morning set      | -672 Jan 22 j 13:42       | 16° <b>る</b> 45'02               |             |
| morning set         | -673 Feb 09 j 15:46 | 5°≈12'41                                |                  | max. Earth dist. | -672 Jan 26 j 07:30       | 23° <b>る</b> 21'53               | 1.37990 AU  |
| max. Earth dist.    | -673 Feb 13 j 11:09 | 12° <b>≈</b> 18'39                      | 1.36045 AU       |                  | -672 Jan 29 j 22:29       | 0° <b>≈</b>                      |             |
|                     |                     |   |                  |                  |                           |                                  |             |
| superior conj       | -673 Feb 19 j 02:02 | 23° <b>≈</b> 18′02                      |                  | superior conj    | -672 Feb 02 j 07:50       | 6° <b>≈</b> 24'26                |             |
| minimum elong       | -673 Feb 19 j 05:42 | 23° <b>≈</b> 36′24                      | 1°26'24          | minimum elong    | -672 Feb 02 j 11:21       |                                  | 1°46'15     |
|                     | -673 Feb 22 j 09:26 | 0° <b>∀</b>                             |                  | evening rise     | -672 Feb 11 j 01:54       | 23° <b>≈</b> 34'43               |             |
| evening rise        | -673 Feb 27 j 02:36 | 9° <b>∺</b> 38'33                       |                  |                  | -672 Feb 14 j 08:53       | 0° <b>∀</b>                      |             |
| asc. node           | -673 Feb 28 j 15:01 | 12° <b>)</b> 42′26                      |                  | asc. node        | -672 Feb 15 j 12:04       | 2° <b>∺</b> 09'08                |             |
|                     | -673 Mar 10 j 04:22 | $0^{\circ}\mathbf{\Upsilon}$            |                  | evening max el   | -672 Feb 27 j 17:34       | 20° <b>∺</b> 28′29               | 19°02'40    |
| evening max el      | -673 Mar 16 j 21:53 | 8° <b>Y</b> 25′52                       | 19°59'25         | retrograde       | -672 Mar 07 j 07:38       | 24° <b>)</b> 36′21               |             |
| retrograde          | -673 Mar 27 j 02:12 | 13° <b>Y</b> 18′23                      |                  | evening set      | -672 Mar 09 j 14:17       | 24° <b>∺</b> 20′10               |             |
| evening set         | -673 Mar 29 j 05:20 | 13° <b>Y</b> 06'30                      |                  | inferior conj    | -672 Mar 17 j 15:59       | 20° <b>∺</b> 06′20               | 2°20'51     |
| inferior conj       | -673 Apr 07 j 01:28 | 9° <b>Ƴ</b> 06'21                       | 0°45'13          | minimum elong    | -672 Mar 17 j 20:25       | 19° <b>¥</b> 58'35               | 2°19'36     |
| minimum elong       | -673 Apr 07 j 03:26 | 9° <b>Ƴ</b> 03'21                       | 0°44'32          | min. Earth dist. | -672 Mar 20 j 18:45       | 17° <b>¥</b> 56′54               | 0.56919 AU  |
| min. Earth dist.    | -673 Apr 09 j 02:56 | 7° <b>Ƴ</b> 51'19                       | 0.55549 AU       | morning rise     | -672 Mar 25 j 23:35       | 15° <b>₩</b> 05'12               |             |
| desc. node          | -673 Apr 09 j 17:40 | 7° <b>Y</b> 29'33                       |                  | desc. node       | -672 Mar 26 j 14:44       | 14° <b>¥</b> 51′02               |             |
| morning rise        | -673 Apr 15 j 23:24 | 4° <b>Ƴ</b> 37'44                       |                  | direct           | -672 Mar 31 j 02:49       | 14° <b>)</b> €02'51              |             |
| direct              | -673 Apr 19 j 23:02 | 4° <b>Ƴ</b> 02'46                       |                  | morning max el   | -672 Apr 14 j 09:05       | 21° <b>¥</b> 25′08               | 25°36'45    |
| morning max el      | -673 May 03 j 18:18 | 10° <b>Ƴ</b> 53'39                      | 24°00'54         |                  | -672 Apr 21 j 20:18       | $0$ ° $\mathbf{V}$               |             |
|                     | -673 May 18 j 01:28 | $9^{\circ}$ 8                           |                  |                  | -672 May 09 j 13:02       | $9^{\circ}$ 8                    |             |
| asc. node           | -673 May 27 j 14:18 | 18° <b>8</b> 12'47                      |                  | morning set      | -672 May 11 j 17:25       | 4° <b>8</b> 31'32                |             |
| morning set         | -673 May 28 j 05:35 | 19° <b>8</b> 32'48                      |                  | asc. node        | -672 May 13 j 11:22       | 8° <b>8</b> 14'26                |             |
|                     | -673 Jun 02 j 02:38 | $\Pi^{\circ}0$                          |                  |                  |                           |                                  |             |
|                     |                     |   |                  | superior conj    | -672 May 18 j 17:19       | 19° <b>8</b> 39'35               | 0°52'54     |
| superior conj       | -673 Jun 04 j 06:42 | 4° <b>Ⅱ</b> 41'31                       | 1°13'06          | minimum elong    | -672 May 18 j 15:14       | 19° <b>8</b> 28'13               | 0°52'31     |
| minimum elong       | -673 Jun 04 j 04:12 | 4° <b>Ⅱ</b> 28'05                       | 1°12'44          | max. Earth dist. | -672 May 19 j 14:09       | 21° <b>8</b> 33'19               | 1.32682 AU  |
| max. Earth dist.    | -673 Jun 06 j 04:52 | 8° <b>Ⅱ</b> 49'23                       | 1.33338 AU       |                  | -672 May 23 j 12:09       | $\Pi^{\circ}0$                   |             |
| evening rise        | -673 Jun 11 j 16:31 | 20° <b>Ⅱ</b> 14'13                      |                  | evening rise     | -672 May 25 j 19:29       | 4° <b>∏</b> 49'44                |             |
|                     | -673 Jun 16 j 16:56 | 0°©                                     |                  |                  | -672 Jun 08 j 09:08       | 0ංම                              |             |
|                     | -673 Jul 05 j 10:43 | $0^{\circ}\Omega$                       |                  | desc. node       | -672 Jun 22 j 13:59       | 19° <b>5</b> 43'50               |             |
| desc. node          | -673 Jul 06 j 16:58 | 1° <b>Ω</b> 38′24                       |                  | evening max el   | -672 Jun 26 j 09:46       | 23° <b>©</b> 42'26               | 27°12'14    |
| evening max el      | -673 Jul 15 j 02:30 | 11° <b>Ω</b> 05′39                      | 27°25'15         |                  | -672 Jul 05 j 10:34       | $0^{\circ}\Omega$                |             |
| retrograde          | -673 Jul 28 j 18:21 | 18° <b>Ω</b> 26'16                      |                  | retrograde       | -672 Jul 10 j 07:08       | 1° <b>Ω</b> 00′34                |             |
| evening set         | -673 Aug 04 j 22:51 | 15° <b>Ω</b> 46′23                      |                  |                  | -672 Jul 14 j 23:03       | 30° <b>₹</b> 5                   |             |
| min. Earth dist.    | -673 Aug 08 j 13:38 | 12° <b>Ω</b> 35'30                      | 0.63601 AU       | evening set      | -672 Jul 17 j 09:13       | 28°5541'06                       |             |
| inferior conj       | -673 Aug 11 j 04:15 | 9° <b>Ω</b> 55'40                       |                  | min. Earth dist. | -672 Jul 20 j 23:51       | 25° <b>©</b> 54'12               | 0.61760 AU  |
| minimum elong       | -673 Aug 11 j 08:51 | 9° <b>Ω</b> 43'52                       | 3°36'43          | inferior conj    | -672 Jul 24 j 02:05       | 23° <b>©</b> 06'18               |             |
| morning rise        | -673 Aug 17 j 19:54 | 4° <b>Ω</b> 38'11                       |                  | minimum elong    | -672 Jul 24 j 06:03       | 22° <b>©</b> 57'17               | 4°16'19     |
|                     |                     |   |                  |                  |                           |                                  |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 123 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl | ne year -900 in       | astronomical cour  | nting style is the year | 901 BCE in historical cou              | inting style.                    |            |
|---------------------|-----------------------------|-----------------------|--------------------|-------------------------|--|----------------------------------|------------|
| morning rise        | -672 Jul 31 j 04:23         | 18° <b>©</b> 08'43    |                    | morning rise            | -671 Jul 13 j 22:08                    | 1° <b>©</b> 12'55                |            |
| direct              | -672 Aug 02 j 16:15         | 17° <b>5</b> 542'10   |                    | direct                  | -671 Jul 16 j 10:06                    | 0°\$50'26                        |            |
| asc. node           | -672 Aug 09 j 10:35         | 21° <b>©</b> 01'53    |                    | morning max el          | -671 Jul 24 j 00:14                    | 4° <b>©</b> 30'09                | 18°18'39   |
| morning max el      | -672 Aug 09 j 13:57         | 21° <b>©</b> 10'02    | 17°57'05           | asc. node               | -671 Jul 27 j 07:37                    | 8°©15'56                         |            |
| •                   | -672 Aug 16 j 06:32         | $0^{\circ}\Omega$     |                    | morning set             | -671 Aug 09 j 00:30                    | 29° <b>©</b> 56'17               |            |
| morning set         | -672 Aug 25 j 14:11         | 16° <b>Ω</b> 19'19    |                    | Ü                       | -671 Aug 09 j 01:17                    | $0^{\circ}\Omega$                |            |
|                     | -672 Sep 02 j 04:18         | 0° m)                 |                    |                         | ************************************** |                                  |            |
|                     | J                           |                       |                    | superior conj           | -671 Aug 18 j 08:12                    | 17° <b>Ω</b> 26'39               | 1°39'41    |
| superior conj       | -672 Sep 05 j 04:34         | 5° Mp 16'28           | 1°20'50            | minimum elong           | -671 Aug 18 j 11:04                    | 17° <b>Ω</b> 39'46               | 1°39'30    |
| minimum elong       | -672 Sep 05 j 09:22         | 5° mp 37'16           |                    |                         | -671 Aug 25 j 10:05                    | 0° m)                            |            |
| max. Earth dist.    | -672 Sep 12 j 14:00         | 17° <b>m</b> ) 45'40  | 1.42540 AU         | max. Earth dist.        | -671 Aug 25 j 21:01                    | 0° Mp 46'51                      | 1.40693 AU |
| desc. node          | -672 Sep 18 j 13:22         | 27° m) 24'06          | 1200.110           | evening rise            | -671 Aug 30 j 14:14                    | 8° Mp 41'47                      | 100,5.110  |
| evening rise        | -672 Sep 19 j 08:47         | 28° m/40'49           |                    | desc. node              | -671 Sep 05 j 10:23                    | 18° Mp 04'14                     |            |
| evening rise        | -672 Sep 20 j 04:56         | 0∘ <b>ರ</b>           |                    | desc. node              | -671 Sep 13 j 06:41                    | 0° <del>ت</del>                  |            |
|                     | -672 Oct 10 j 11:34         | 0° <b>m</b>           |                    | evening max el          | -671 Oct 03 j 22:54                    | o <b>—</b><br>26° <b>Ω</b> 52'27 | 23°15'13   |
| evening max el      | -672 Oct 21 j 07:50         | 13°M22'16             | 21°55'54           | evening max er          | -671 Oct 07 j 10:17                    | 0°M                              | 23 13 13   |
| retrograde          | -672 Oct 30 j 12:58         | 18°M50'56             | 21 33 34           | retrograde              | -671 Oct 14 j 06:33                    | 2°M58'51                         |            |
| evening set         | -672 Nov 03 j 21:43         | 17°ML07'15            |                    | evening set             | -671 Oct 19 j 04:37                    | 0°M56'51                         |            |
| asc. node           | -672 Nov 05 j 09:47         | 15°M43'07             |                    | evening set             | -671 Oct 20 j 05:12                    | ა ისაეთე 1<br>30° ც <b>ი</b>     |            |
| inferior conj       | -672 Nov 09 j 06:02         | 10°M50'23             | 1°17'44            | asc. node               | -671 Oct 23 j 06:49                    | 30 K==<br>26° <b>£</b> 19'03     |            |
| minimum elong       | -672 Nov 09 j 04:19         |                       | 1°17'44<br>1°17'03 |                         |  |                                  | 0.67617 AU |
| C                   | 3                           | 10°M.56'18            | 0.67563 AU         | min. Earth dist.        | -671 Oct 24 j 04:55                    | 25° <b>Ω</b> 03'51               |            |
| min. Earth dist.    | -672 Nov 09 j 08:22         | 10°M42'17<br>4°M37'29 | 0.07303 AU         | inferior conj           | -671 Oct 24 j 13:02                    | 24° <b>Ω</b> 36'00               | 0°26'01    |
| morning rise        | -672 Nov 14 j 10:45         |                       |                    | minimum elong           | -671 Oct 24 j 12:25                    | 24° <b>£</b> 38'06               | 0°25'45    |
| direct              | -672 Nov 19 j 06:51         | 2°M35'26              | 22047150           | morning rise            | -671 Oct 29 j 20:09                    | 18° <b>£</b> 26'26               |            |
| morning max el      | -672 Nov 29 j 03:33         | 8°M26'52              | 22°47'59           | direct                  | -671 Nov 03 j 01:50                    | 16° <b>Ω</b> 46'53               | 2102426    |
| desc. node          | -672 Dec 15 j 12:38         | 29°M24'16             |                    | morning max el          | -671 Nov 11 j 18:37                    | 21° <b>Ω</b> 52'59               | 21°24'36   |
|                     | -672 Dec 15 j 22:32         | 0° <b>⊼</b>           |                    |                         | -671 Nov 18 j 15:32                    | 0°M                              |            |
| morning set         | -671 Jan 02 j 08:30         | 26° <b>₹</b> 55'34    |                    | desc. node              | -671 Dec 02 j 09:41                    | 19°M33'18                        |            |
|                     | -671 Jan 04 j 04:56         | 0°る                   |                    |                         | -671 Dec 09 j 06:18                    | 0° <b>∡</b> ¹                    |            |
| max. Earth dist.    | -671 Jan 07 j 03:01         | 4° <b>℃</b> 56'22     | 1.40112 AU         | morning set             | -671 Dec 12 j 22:40                    | 5° <b>∡</b> ¹45'25<br>−          |            |
|                     |                             | _                     |                    | max. Earth dist.        | -671 Dec 20 j 04:38                    | 17° <b>∡</b> ¹26′00              | 1.42111 AU |
| superior conj       | -671 Jan 14 j 21:39         | 18° <b>ろ</b> 40'40    |                    |                         |  | _                                |            |
| minimum elong       | -671 Jan 14 j 23:27         | 18° <b>る</b> 48'53    | 1°58'43            | superior conj           | -671 Dec 27 j 14:06                    | 29° <b>₹</b> 53'37               |            |
|                     | -671 Jan 20 j 23:47         | 0° <b>≈</b>           |                    | minimum elong           | -671 Dec 27 j 12:10                    | 29° <b>∡</b> 45′19               | 1°59'26    |
| evening rise        | -671 Jan 24 j 15:55         | 6° <b>≈</b> 58'30     |                    |                         | -671 Dec 27 j 15:35                    | 0°₹                              |            |
| asc. node           | -671 Feb 01 j 09:06         | 21°≈10′15             |                    | evening rise            | -670 Jan 07 j 17:06                    | 19° <b>る</b> 42'31               |            |
|                     | -671 Feb 07 j 04:45         | 0° <b>∀</b>           |                    |                         | -670 Jan 13 j 10:09                    | 0° <b>≈</b>                      |            |
| evening max el      | -671 Feb 09 j 21:46         | 3° <b>)</b> €02'47    | 18°25'52           | asc. node               | -670 Jan 19 j 06:07                    | 9° <b>≈</b> 37'47                |            |
| retrograde          | -671 Feb 17 j 07:57         | 6° <b>)</b> 42′05     |                    | evening max el          | -670 Jan 24 j 07:27                    | 16° <b>≈</b> 00′26               | 18°08'59   |
| evening set         | -671 Feb 19 j 19:38         | 6° <b>升</b> 18'43     |                    | retrograde              | -670 Jan 31 j 01:33                    | 19° <b>≈</b> 27'10               |            |
| inferior conj       | -671 Feb 27 j 03:18         | 1° <b>) (</b> 44'42   | 3°21'04            | evening set             | -670 Feb 02 j 17:33                    | 18° <b>≈</b> 55'21               |            |
| minimum elong       | -671 Feb 27 j 06:49         | 1° <b>)</b> €37'32    | 3°20'28            | inferior conj           | -670 Feb 09 j 10:21                    | 13° <b>≈</b> 59'53               | 3°48'35    |
|                     | -671 Mar 01 j 06:31         | 30°R <b>≈</b>         |                    | minimum elong           | -670 Feb 09 j 11:33                    | 13° <b>≈</b> 57′01               | 3°48'31    |
| min. Earth dist.    | -671 Mar 02 j 13:39         | 28° <b>≈</b> 58′24    | 0.58824 AU         | min. Earth dist.        | -670 Feb 12 j 14:52                    | 11° <b>≈</b> 00'41               | 0.60907 AU |
| morning rise        | -671 Mar 06 j 15:33         | 26° <b>≈</b> 16′25    |                    | morning rise            | -670 Feb 16 j 04:00                    | 8° <b>≈</b> 12'57                |            |
| direct              | -671 Mar 12 j 19:42         | 24° <b>≈</b> 37′08    |                    | direct                  | -670 Feb 22 j 23:31                    | 5° <b>≈</b> 57'33                |            |
| desc. node          | -671 Mar 13 j 11:47         | 24° <b>≈</b> 38′18    |                    | desc. node              | -670 Feb 28 j 08:50                    | 7° <b>≈</b> 14'24                |            |
|                     | -671 Mar 24 j 15:36         | 0° <b>∀</b>           |                    | morning max el          | -670 Mar 09 j 03:58                    | 13° <b>≈</b> 45'31               | 27°37'31   |
| morning max el      | -671 Mar 27 j 03:20         | 2° <b>升</b> 16′08     | 26°52'57           |                         | -670 Mar 22 j 04:38                    | 0° <b>∀</b>                      |            |
|                     | -671 Apr 16 j 02:25         | $0^{\circ}$ Y         |                    |                         | -670 Apr 08 j 10:03                    | $0^{\circ}$ Y                    |            |
| morning set         | -671 Apr 26 j 03:35         | 19° <b>Ƴ</b> 24'25    |                    | morning set             | -670 Apr 10 j 10:17                    | 4° <b>Y</b> 05'06                |            |
| asc. node           | -671 Apr 30 j 08:23         | 28° <b>Y</b> 23′16    |                    | max. Earth dist.        | -670 Apr 16 j 15:11                    | 17° <b>Ƴ</b> 17′28               | 1.32457 AU |
|                     | -671 May 01 j 02:08         | $B_{0}$               |                    | asc. node               | -670 Apr 17 j 05:25                    | 18° <b>Ƴ</b> 35′04               |            |
|                     |                             |                       |                    |                         |  |                                  |            |
| superior conj       | -671 May 03 j 05:02         | 4° <b>8</b> 39'02     | 0°29'52            | superior conj           | -670 Apr 17 j 16:14                    | 19° <b>Ƴ</b> 34'11               | 0°04'47    |
| minimum elong       | -671 May 03 j 03:45         | 4° <b>8</b> 31'57     | 0°29'35            | minimum elong           | -670 Apr 17 j 16:01                    | 19° <b>Ƴ</b> 32'58               | 0°04'44    |
| max. Earth dist.    | -671 May 03 j 02:53         | 4° <b>8</b> 27'11     | 1.32392 AU         | behind sun begin        | -670 Apr 17 j 11:10                    | 19° <b>Y</b> ′06'28              |            |
| evening rise        | -671 May 10 j 03:27         | 19° <b>8</b> 38'57    |                    | behind sun end          | -670 Apr 17 j 20:52                    | 19° <b>Y</b> 59'30               |            |
|                     | -671 May 15 j 06:23         | $\Pi^{\circ}0$        |                    |                         | -670 Apr 22 j 10:59                    | 0° <b>႘</b>                      |            |
|                     | -671 Jun 03 j 06:33         | 0ಂತಾ                  |                    | evening rise            | -670 Apr 24 j 14:17                    | 4° <b>8</b> 34'13                |            |
| evening max el      | -671 Jun 08 j 11:06         | 5° <b>©</b> 36'14     | 26°26'10           | -                       | -670 May 08 j 04:31                    | 0°Щ                              |            |
| desc. node          | -671 Jun 09 j 11:01         | 6° <b>5</b> 31'40     |                    | evening max el          | -670 May 21 j 05:34                    | 16° <b>Ⅱ</b> 45'46               | 25°11'38   |
| retrograde          | -671 Jun 22 j 11:32         | 12° <b>©</b> 50'47    |                    | desc. node              | -670 May 27 j 08:01                    | 21° <b>Ⅱ</b> 30′57               |            |
| evening set         | -671 Jun 28 j 23:51         | 11° <b>©</b> 04'21    |                    | retrograde              | -670 Jun 04 j 06:03                    | 23° <b>I</b> I54'22              |            |
| min. Earth dist.    | -671 Jul 03 j 00:15         | 8°9526'16             | 0.59728 AU         | evening set             | -670 Jun 09 j 15:44                    | 22° <b>Ⅱ</b> 46'47               |            |
| inferior conj       | -671 Jul 06 j 08:29         | 5°9548'16             |                    | min. Earth dist.        | -670 Jun 14 j 17:17                    | 19° <b>∏</b> 59'52               | 0.57729 AU |
| minimum elong       | -671 Jul 06 i 00:58         | 5°675'21              |                    | inferior coni           | -670 Jun 17 i 20:06                    | 17°∏52'20                        |            |

minimum elong

-671 Jul 06 j 09:58

5°9545'21 4°39'02

inferior conj

-670 Jun 17 j 20:06 17°**Ц**52'20 -4°33'35

| -                                 | cal year style is used: Th                 |  | •                     | · · · · · · · · · · · · · · · · · · · | 01 BCE in historical cou                   |                                      | 50 124     |
|-----------------------------------|--|--|-----------------------|---------------------------------------|--|--------------------------------------|------------|
| minimum elong                     | -670 Jun 17 j 17:18                        | 17° <b>Ⅱ</b> 57'08                       |                       | inferior conj                         | -669 May 29 j 11:30                        | 29° <b>8</b> 12'16                   | -3°48'15   |
| morning rise                      | -670 Jun 25 j 21:37                        | 13° <b>Ⅱ</b> 38'57                       |                       | minimum elong                         | -669 May 29 j 04:55                        | 29° <b>8</b> 22'15                   | 3°46'50    |
| direct                            | -670 Jun 28 j 10:54                        | 13° <b>Ⅱ</b> 19'28                       |                       | morning rise                          | -669 Jun 07 j 00:55                        | 25° <b>8</b> 14'42                   |            |
| morning max el                    | -670 Jul 07 j 03:27                        | 17° <b>Ⅲ</b> 23'27                       | 19°00'44              | direct                                | -669 Jun 09 j 16:11                        | 24° <b>8</b> 57'13                   |            |
| asc. node                         | -670 Jul 14 j 04:39                        | 26° <b>Ⅲ</b> 22'54                       |                       | morning max el                        | -669 Jun 19 j 20:57                        | 29° <b>8</b> 40'14                   | 20°03'46   |
|                                   | -670 Jul 16 j 09:11                        | $0$ $\circ$ $50$                         |                       |                                       | -669 Jun 20 j 05:20                        | $\Pi$ °0                             |            |
| morning set                       | -670 Jul 23 j 21:00                        | 14° <b>©</b> 04'05                       |                       | asc. node                             | -669 Jul 01 j 01:43                        | 15° <b>Ⅱ</b> 10'01                   |            |
|                                   | -670 Jul 31 j 23:43                        | $0$ ° $\Omega$                           |                       | morning set                           | -669 Jul 08 j 00:37                        | 28° <b>Ⅱ</b> 34'18                   |            |
|                                   |  | _  |                       |                                       | -669 Jul 08 j 17:29                        | 0ంత                                  |            |
| superior conj                     | -670 Aug 01 j 06:59                        | 0° <b>Ω</b> 34'56                        |                       |                                       |  |                                      |            |
| minimum elong                     | -670 Aug 01 j 07:38                        |  | 1°47'10               | superior conj                         | -669 Jul 15 j 19:40                        | 14°525'56                            |            |
| max. Earth dist.                  | -670 Aug 08 j 00:03                        | 13° <b>Ω</b> 04'41                       | 1.38687 AU            | minimum elong                         | -669 Jul 15 j 18:36                        | 14°520'32                            | 1°45'37    |
| evening rise                      | -670 Aug 11 j 20:40                        | 19° <b>Ω</b> 53′29                       |                       | max. Earth dist.                      | -669 Jul 21 j 04:20                        | 24°955'29                            | 1.36772 AU |
| 11-                               | -670 Aug 17 j 21:17                        | 0° <b>m</b> )                            |                       |                                       | -669 Jul 23 j 21:17                        | 0°Ω                                  |            |
| desc. node                        | -670 Aug 23 j 07:23                        | 8° Mp 34'48                              |                       | evening rise                          | -669 Jul 25 j 02:13                        | 2° <b>Ω</b> 12'41                    |            |
| evening max el                    | -670 Sep 07 j 09:56                        | 0∘ <b>⊽</b>                              | 24924140              | desc. node                            | -669 Aug 10 j 04:23                        | 28° <b>Ω</b> 50'49                   |            |
| retrograde                        | -670 Sep 16 j 10:54<br>-670 Sep 27 j 20:27 | 10° <b>£</b> 25'18<br>17° <b>£</b> 04'55 | 24 34 40              | evening max el                        | -669 Aug 10 j 22:57<br>-669 Aug 29 j 22:10 | 0° Mp<br>24° Mp 01'01                | 25046!54   |
| evening set                       | -670 Oct 03 j 09:00                        | 17 <b>=</b> 04 33<br>14° <b>£</b> 44'57  |                       | evening max er                        | -669 Sep 06 j 21:24                        | ე∘ <u>ი</u>                          | 23 40 34   |
| min. Earth dist.                  | -670 Oct 08 j 00:20                        |  | 0.67348 AU            | retrograde                            | -669 Sep 11 j 05:56                        | 0 <b>==</b><br>1° <b>⊆</b> 04'27     |            |
| inferior conj                     | -670 Oct 08 j 18:55                        | 8° <b>£</b> 23′50                        |                       | retrograde                            | -669 Sep 15 j 05:43                        | 30°RM)                               |            |
| minimum elong                     | -670 Oct 08 j 19:37                        | 8° <b>≏</b> 21'31                        |                       | evening set                           | -669 Sep 17 j 09:02                        | 28° <b>m</b> ) 29'19                 |            |
| asc. node                         | -670 Oct 10 j 03:51                        | 6° <b>₽</b> 35'30                        | 0 2007                | min. Earth dist.                      | -669 Sep 21 j 16:18                        | 23° Mp 46'11                         | 0.66753 AU |
| morning rise                      | -670 Oct 14 j 06:17                        | 2° <b>₽</b> 20'11                        |                       | inferior conj                         | -669 Sep 22 j 21:56                        | 22° m) 11'55                         |            |
| direct                            | -670 Oct 17 j 23:12                        | 1° <b>♀</b> 01'20                        |                       | minimum elong                         | -669 Sep 23 j 00:03                        | 22° m/05'13                          |            |
| morning max el                    | -670 Oct 25 j 17:06                        | 5° <b>£</b> 29'19                        | 20°11'28              | asc. node                             | -669 Sep 27 j 00:55                        | 17° <b>m</b> 30'32                   |            |
|                                   | -670 Nov 12 j 17:40                        | 0° <b>M</b>                              |                       | morning rise                          | -669 Sep 28 j 15:18                        | 16° Mp 16'56                         |            |
| desc. node                        | -670 Nov 19 j 06:43                        | 9° <b>™</b> 57'59                        |                       | direct                                | -669 Oct 01 j 21:34                        | 15° m 15'33                          |            |
| morning set                       | -670 Nov 21 j 19:57                        | 13°M53'59                                |                       | morning max el                        | -669 Oct 08 j 22:58                        | 19° <b>m</b> ) 14'45                 | 19°12'12   |
| -                                 | -670 Dec 02 j 01:56                        | 0° <b>∡</b> ¹                            |                       | _                                     | -669 Oct 17 j 08:08                        | 0∘ <b>⊽</b>                          |            |
| max. Earth dist.                  | -670 Dec 02 j 13:48                        | 0° <b>∡</b> ¹47'26                       | 1.43709 AU            | morning set                           | -669 Nov 01 j 00:27                        | 22° <b>£</b> 31'36                   |            |
|                                   |  |  |                       |                                       | -669 Nov 05 j 19:10                        | $0^{\circ}$ M.                       |            |
| superior conj                     | -670 Dec 08 j 04:20                        | 9° <b>∡</b> ′52'35                       | -1°44'14              | desc. node                            | -669 Nov 06 j 03:44                        | 0°MJ33'32                            |            |
| minimum elong                     | -670 Dec 07 j 21:47                        | 9° <b>∡</b> ¹25'45                       | 1°43'45               | max. Earth dist.                      | -669 Nov 15 j 04:46                        | 14°ML45'17                           | 1.44708 AU |
|                                   | -670 Dec 20 j 02:35                        | 0°ಕ                                      |                       |                                       |  |                                      |            |
| evening rise                      | -670 Dec 21 j 01:17                        | 1° <b>る</b> 38'04                        |                       | superior conj                         | -669 Nov 17 j 17:09                        | 18°M44'00                            |            |
| asc. node                         | -669 Jan 06 j 03:09                        | 27° <b>る</b> 21'17                       |                       | minimum elong                         | -669 Nov 17 j 09:16                        | 18°ML12'49                           | 1°09'59    |
| evening max el                    | -669 Jan 07 j 19:42                        | 29° <b>る</b> 13'12                       | 18°11'31              |                                       | -669 Nov 24 j 18:17                        | 0° <b>∡</b> ¹                        |            |
|                                   | -669 Jan 08 j 15:18                        | 0° <b>≈</b>                              |                       | evening rise                          | -669 Dec 02 j 12:05                        | 12° <b>∡</b> ³37'32                  |            |
| retrograde                        | -669 Jan 14 j 07:49                        | 2°≈40'47                                 |                       |                                       | -669 Dec 13 j 03:11                        | 0°る                                  | 10022111   |
| evening set                       | -669 Jan 17 j 03:59                        | 1°≈59'36                                 |                       | evening max el                        | -669 Dec 22 j 07:52                        | 12° <b>る</b> 35'32                   | 18°32'41   |
|                                   | -669 Jan 20 j 02:08                        | 30°Rる                                    | 2051107               | asc. node                             | -669 Dec 24 j 00:12                        | 14°る08'25                            |            |
| inferior conj                     | -669 Jan 23 j 09:25                        | 26°₹43'49                                | 3°51'07               | retrograde                            | -669 Dec 28 j 22:27                        | 16°る15'01                            |            |
| minimum elong<br>min. Earth dist. | -669 Jan 23 j 08:31<br>-669 Jan 26 j 01:04 | 26°る46'12<br>23°る54'35                   | 3°51'03<br>0.62886 AU | evening set<br>inferior conj          | -669 Dec 31 j 23:34<br>-668 Jan 06 j 20:37 | 15°る23'19<br>9°る49'08                | 3°35'44    |
| morning rise                      | -669 Jan 29 j 12:09                        | 23 <b>3</b> 3433<br>20° <b>る</b> 45'09   | 0.02880 AU            | minimum elong                         | -668 Jan 06 j 18:22                        | 9° <b>る</b> 55'46                    | 3°35'22    |
| direct                            | -669 Feb 05 j 12:24                        | 20 <b>3</b> 43 09                        |                       | min. Earth dist.                      | -668 Jan 08 j 21:04                        | 9 <b>3</b> 3340<br>7° <b>る</b> 26'33 | 0.64577 AU |
| desc. node                        | -669 Feb 15 j 05:53                        | 22°る12'26                                |                       | morning rise                          | -668 Jan 12 j 12:41                        | 3°る43'14                             | 0.04377 AC |
| morning max el                    | -669 Feb 19 j 10:12                        | 25° <b>る</b> 55'20                       | 27°45'10              | direct                                | -668 Jan 19 j 08:53                        | 0°る51'07                             |            |
| morning must er                   | -669 Feb 23 j 05:24                        | 0° <b>≈</b>                              | 27 .010               | morning max el                        | -668 Feb 01 j 19:22                        | 8° <b>る</b> 37'29                    | 27°17'32   |
|                                   | -669 Mar 15 j 16:30                        | 0° <b>\</b>                              |                       | desc. node                            | -668 Feb 02 j 02:57                        | 8° <b>ප</b> 56'34                    | _, _,      |
| morning set                       | -669 Mar 25 j 11:17                        | 18° <b>)</b> € 24'54                     |                       |                                       | -668 Feb 18 j 11:52                        | 0° <b>≈</b>                          |            |
| max. Earth dist.                  | -669 Mar 30 j 22:55                        | 29° <b>)</b> 48′29                       | 1.32901 AU            |                                       | -668 Mar 06 j 23:53                        | 0° <b>∀</b>                          |            |
|                                   | -669 Mar 31 j 01:04                        | $0^{\circ}$ $\Upsilon$                   |                       | morning set                           | -668 Mar 08 j 03:45                        | 2° <b>升</b> 14'58                    |            |
|                                   | , , , , , , , , , , , , , , , , , , ,      |  |                       | max. Earth dist.                      | -668 Mar 12 j 22:06                        | 11° <b>)</b> 48′29                   | 1.33770 AU |
| superior conj                     | -669 Apr 02 j 01:09                        | 4° <b>Ƴ</b> 18′02                        | -0°21'34              |                                       |  |                                      |            |
| minimum elong                     | -669 Apr 02 j 02:10                        | 4° <b>Y</b> 23'32                        | 0°21'20               | superior conj                         | -668 Mar 16 j 05:56                        | 18° <b>¥</b> 44′58                   | -0°48'05   |
| asc. node                         | -669 Apr 04 j 02:27                        | 8° <b>Y</b> '44'52                       |                       | minimum elong                         | -668 Mar 16 j 08:13                        | 18° <b>¥</b> 56'58                   | 0°47'39    |
| evening rise                      | -669 Apr 09 j 02:03                        | 19° <b>Ƴ</b> 27'39                       |                       | asc. node                             | -668 Mar 20 j 23:30                        | 28° <b>) (</b> 48′47                 |            |
|                                   | -669 Apr 14 j 06:24                        | 0° <b>8</b>                              |                       |                                       | -668 Mar 21 j 12:55                        | 0° <b>Υ</b>                          |            |
| evening max el                    | -669 May 02 j 20:12                        | 27° <b>8</b> 25'13                       | 23°39'54              | evening rise                          | -668 Mar 23 j 12:59                        | 4° <b>Υ</b> 13'33                    |            |
|                                   | -669 May 05 j 19:20                        | $\Pi$ °0                                 |                       |                                       | -668 Apr 06 j 19:34                        | 0° <b>8</b>                          |            |
| desc. node                        | -669 May 14 j 05:03                        | 4° <b>Ⅱ</b> 04'11                        |                       | evening max el                        | -668 Apr 13 j 13:48                        | 8° <b>8</b> 03'50                    | 22°05'28   |
| retrograde                        | -669 May 16 j 12:48                        | 4° <b>Ⅱ</b> 16'29                        |                       | retrograde                            | -668 Apr 26 j 07:16                        | 14° <b>8</b> 17'35                   |            |
| evening set                       | -669 May 20 j 11:48                        | 3° <b>Ⅱ</b> 41'53                        | 0.50000 :=:           | evening set                           | -668 Apr 29 j 01:05                        | 14° <b>8</b> 00'55                   |            |
| min. Earth dist.                  | -669 May 27 j 06:54                        | 0° <b>Ⅱ</b> 31'31                        | 0.56083 AU            | desc. node                            | -668 Apr 30 j 02:06                        | 13° <b>8</b> 46'16                   | 2010142    |
|                                   | -669 May 28 j 03:59                        | 30° <b>₹</b> 8                           |                       | inferior conj                         | -668 May 08 j 10:49                        | 9° <b>8</b> 54'22                    | -2~18'42   |

| Attention, astronom  | ical vear style is used: The  | he vear -900 in  | •  | nting style is the year   | 901 BCE in historical cou  | inting style.  |   |
|--|---|--|--|---|--|--|---|
| minimum elong  | -668 May 08 j 04:46   | 10° <b>8</b> 02'53   |  | desc. node  | -667 Apr 16 j 23:09  | 21° <b>Υ</b> 04'13   |   |
| min. Earth dist.   | -668 May 07 j 20:01   |  | 0.55143 AU   | inferior conj   | -667 Apr 18 j 05:24  | 20° <b>Y</b> ′21′04  | -0°21'36  |
| morning rise   | -668 May 17 j 09:52   | 5° <b>8</b> 58'45  |  | minimum elong   | -667 Apr 18 j 04:23  |  | 0°21'14   |
| direct   | -668 May 20 j 06:36   | 5° <b>8</b> 40'21  |  | min. Earth dist.  | -667 Apr 19 j 09:27  | 19° <b>Ƴ</b> 40'47   | 0.55129 AU  |
| morning max el   | -668 Jun 01 j 03:19   | 11° <b>8</b> 14'09   | 21°26'12   | morning rise  | -667 Apr 27 j 06:59  | 16° <b>Ƴ</b> 09'24   |   |
| 5 5  | -668 Jun 14 j 13:46   | 0°П  |  | direct  | -667 Apr 30 j 18:00  | 15° <b>Y</b> 43'30   |   |
| asc. node  | -668 Jun 16 j 22:46   | 4° <b>Ⅱ</b> 27′20  |  | morning max el  | -667 May 13 j 23:48  | 22° <b>Y</b> ′08'40  | 23°02'53  |
| morning set  | -668 Jun 21 j 08:55   | 13° <b>Ⅲ</b> 20′09   |  |   | -667 May 20 j 19:47  | 0°8  |   |
| morning sec  | 21,00.00  | 15 22005   |  | asc. node   | -667 Jun 03 j 19:50  | 24° <b>8</b> 07'08   |   |
| superior conj  | -668 Jun 28 j 18:05   | 28° <b>∏</b> 47′02   | 1°37'06  | morning set   | -667 Jun 05 j 20:00  | 28° <b>8</b> 16'09   |   |
| minimum elong  | -668 Jun 28 j 15:57   | 28° <b>I</b> I36'01  |  | morning sec   | -667 Jun 06 j 15:45  | 0°II   |   |
| minimum clong  | -668 Jun 29 j 08:09   | 0°95   | 1 3037   |   | 007 Jun 00 j 15.45   | о д  |   |
| max. Earth dist.   | -668 Jul 02 j 15:57   | 6°9347'01  | 1.35144 AU   | superior conj   | -667 Jun 12 j 23:07  | 13° <b>Ⅱ</b> 29'00   | 1°23'09   |
| evening rise   | -668 Jul 07 j 02:04   | 15°926'28  | 1.55144710   | minimum elong   | -667 Jun 12 j 20:36  | 13° <b>Ⅱ</b> 25'00   | 1°22'49   |
| evening rise   | -668 Jul 15 j 03:20   | 0°Ω  |  | max. Earth dist.  | -667 Jun 15 j 13:30  | 13° <b>Д</b> 13'3 <b>4</b>   | 1.33887 AU  |
| desc. node   | -668 Jul 27 j 01:24   | 18° <b>Ω</b> 45'11   |  | evening rise  | -667 Jun 20 j 15:27  | 29° <b>∏</b> 21′29   | 1.55007 AC  |
| desc. flode  | -668 Aug 04 j 12:18   | 0°M)   |  | evening rise  | -667 Jun 20 j 23:15  | 0°95   |   |
| evening max el   | e s   | 7° Mp 34'48  | 26°44'00   |   | -667 Jul 08 j 05:32  | 0°Ω  |   |
| Č  | -668 Aug 11 j 09:59<br>-668 Aug 24 j 10:16  | 14° Mp 50'44   | 20 44 00   | desc. node  | ,  | 8° <b>Ω</b> 08'46  |   |
| retrograde   | • •   |  |  |   | -667 Jul 13 j 22:26  |  | 27919120  |
| evening set  | -668 Aug 31 j 02:30   | 12° Mp 06'14   | 0.65016.411  | evening max el  | -667 Jul 24 j 21:46  | 20° <b>Ω</b> 57'00   | 27°18'20  |
| min. Earth dist.   | -668 Sep 04 j 02:23   |  |  | retrograde  | -667 Aug 07 j 08:54  | 28° <b>Ω</b> 16'37   |   |
| inferior conj  | -668 Sep 05 j 20:06   | 5° M 56'32   |  | evening set   | -667 Aug 14 j 10:44  | 25° <b>Ω</b> 31'45   | 0.64510.477   |
| minimum elong  | -668 Sep 05 j 23:32   |  | 2°17'39  | min. Earth dist.  | -667 Aug 18 j 04:14  | 22° <b>Ω</b> 02'14   | 0.64518 AU  |
| morning rise   | -668 Sep 11 j 21:02   | 0° m 13'20   |  | inferior conj   | -667 Aug 20 j 11:06  | 19° <b>Ω</b> 33'26   |   |
|  | -668 Sep 12 j 07:43   | 30°R <b>Ω</b>  |  | minimum elong   | -667 Aug 20 j 15:30  | 19° <b>Ω</b> 21'29   | 3°09'25   |
| asc. node  | -668 Sep 12 j 22:00   | 29° <b>Ω</b> 45'32   |  | morning rise  | -667 Aug 26 j 21:01  | 14° <b>Ω</b> 05′28   |   |
| direct   | -668 Sep 14 j 19:05   | 29° <b>Ω</b> 25'45   |  | direct  | -667 Aug 29 j 13:19  | 13° <b>Ω</b> 28′12   |   |
|  | -668 Sep 17 j 07:29   | O° My  |  | asc. node   | -667 Aug 30 j 19:03  | 13° <b>Ω</b> 36′14   |   |
| morning max el   | -668 Sep 21 j 10:33   | 3°₩05'09   | 18°28'44   | morning max el  | -667 Sep 05 j 01:30  | 16° <b>Ω</b> 56'14   | 18°02'15  |
|  | -668 Oct 09 j 17:58   | 0∘ <b>⊽</b>  |  |   | -667 Sep 14 j 11:22  | 0° <b>m</b> y  |   |
| morning set  | -668 Oct 11 j 06:14   | 2° <b>ഫ</b> 26'29  |  | morning set   | -667 Sep 22 j 16:17  | 13° <b>m</b> 44'15   |   |
| desc. node   | -668 Oct 23 j 00:45   | 21° <b>≏</b> 15'43   |  |   | -667 Oct 02 j 10:38  | 0∘ <b>⊽</b>  |   |
|  |   |  |  |   |  |  |   |
| superior conj  | -668 Oct 26 j 17:25   | 27° <b>£</b> 05'35   |  | superior conj   | -667 Oct 06 j 03:22  | 6° <b>ഫ</b> 00'02  | 0°24'36   |
| minimum elong  | -668 Oct 26 j 14:15   | 26° <b>≙</b> 53'07   | 0°23'33  | minimum elong   | -667 Oct 06 j 06:13  | 6° <b>£</b> 11′28  | 0°24'13   |
| max. Earth dist.   | -668 Oct 27 j 22:59   | 29° <b>≏</b> 01'54   | 1.44999 AU   | desc. node  | -667 Oct 09 j 21:47  | 12° <b>≙</b> 01'45   |   |
|  | ((0,0-4, 20:12.45   | 0° <b>M</b> .  |  | TD (1 1' )  | CCE O : 10:15.0C   | 120 0 2012 4   | 1 4455C ATT   |
|  | -668 Oct 28 j 13:45   | 0 IIG  |  | max. Earth dist.  | -667 Oct 10 j 17:36  | 13° <b>≏</b> 20′24   | 1.44556 AU  |
| evening rise   | -668 Nov 11 j 22:52   | 22°M36'49  |  | max. Earth dist.  | -667 Oct 10 j 17:36<br>-667 Oct 21 j 09:14   | 0°M 0°M  | 1.44550 AU  |
| evening rise   |   |  |  | evening rise  |  |  | 1.44550 AU  |
| evening rise greatest brilliancy   | -668 Nov 11 j 22:52   | 22°M36'49  | -0.8m  |   | -667 Oct 21 j 09:14  | $0^{\circ}$ M  | -0.6m   |
| -  | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08  | 22°M36'49<br>0° <b>⊀</b>   | -0.8m<br>19°11'18  | evening rise  | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06   | 0°M<br>1°M47'35  |   |
| greatest brilliancy  | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25   | 22°M36'49<br>0°⊀<br>7°⊀52'17   |  | evening rise  | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53  | 0°M<br>1°M47'35<br>22°M59'54   |   |
| greatest brilliancy<br>evening max el  | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30  | 22°M.36'49<br>0°♂<br>7°♂52'17<br>26°♂01'58   |  | evening rise<br>greatest brilliancy   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15   | 0°M<br>1°M47'35<br>22°M59'54<br>0°⊀  | -0.6m   |
| greatest brilliancy<br>evening max el  | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16   | 22°M.36'49<br>0° ₹<br>7° ₹ 52'17<br>26° ₹ 01'58<br>29° ₹ 43'50   |  | evening rise<br>greatest brilliancy<br>evening max el   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36  | 0°M<br>1°M47'35<br>22°M59'54<br>0°♂<br>9°♂29'50  | -0.6m   |
| greatest brilliancy<br>evening max el<br>asc. node   | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25  | 22°M36'49<br>0°♂<br>7°♂52'17<br>26°♂01'58<br>29°♂43'50<br>0°♂  |  | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18   | 0°M<br>1°M47'35<br>22°M59'54<br>0° ₹<br>9° ₹ 29'50<br>14° ₹ 00'35  | -0.6m   |
| greatest brilliancy<br>evening max el<br>asc. node   | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25<br>-668 Dec 11 j 17:51   | 22°M36'49<br>0°ダ<br>7°ダ52'17<br>26°ダ01'58<br>29°ダ43'50<br>0°उ  |  | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node  | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20  | 0°M<br>1°M47'35<br>22°M59'54<br>0°₹<br>9°₹29'50<br>14°₹'00'35<br>13°₹'53'20  | -0.6m   |
| greatest brilliancy<br>evening max el<br>asc. node<br>retrograde   | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25<br>-668 Dec 12 j 11:08   | 22°M36'49<br>0°メ<br>7°メ52'17<br>26°メ01'58<br>29°メ43'50<br>0°G<br>0°G02'59<br>30°Rメ   |  | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node<br>evening set   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03   | 0°M<br>1°M47'35<br>22°M59'54<br>0°₹<br>9°₹29'50<br>14°₹00'35<br>13°₹53'20<br>12°₹42'40   | -0.6m<br>20°05'29   |
| greatest brilliancy<br>evening max el<br>asc. node<br>retrograde<br>evening set  | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25<br>-668 Dec 12 j 11:08<br>-668 Dec 15 j 01:23  | 22°M36'49<br>0°メ<br>7°メ52'17<br>26°メ01'58<br>29°メ43'50<br>0°उ<br>0°उ02'59<br>30°Rメ<br>28°メ59'07  | 19°11'18   | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node<br>evening set<br>inferior conj  | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10  | 0°M<br>1°M47'35<br>22°M59'54<br>0° ₹<br>9° ₹29'50<br>14° ₹00'35<br>13° ₹53'20<br>12° ₹42'40<br>6° ₹39'18   | -0.6m<br>20°05'29<br>2°30'04  |
| greatest brilliancy<br>evening max el<br>asc. node<br>retrograde<br>evening set<br>inferior conj   | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25<br>-668 Dec 12 j 11:08<br>-668 Dec 15 j 01:23<br>-668 Dec 20 j 16:27<br>-668 Dec 20 j 13:38  | 22°M36'49<br>0°メ<br>7°メ52'17<br>26°メ01'58<br>29°メ43'50<br>0°G<br>0°G02'59<br>30°Rメ<br>28°メ59'07<br>23°メ08'56   | 19°11'18<br>3°07'33  | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node<br>evening set<br>inferior conj<br>minimum elong   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 04 j 15:24   | 0°M<br>1°M47'35<br>22°M59'54<br>0° ₹<br>9° ₹29'50<br>14° ₹00'35<br>13° ₹53'20<br>12° ₹42'40<br>6° ₹39'18<br>6° ₹48'30  | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11   |
| greatest brilliancy<br>evening max el<br>asc. node<br>retrograde<br>evening set<br>inferior conj<br>minimum elong  | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25<br>-668 Dec 12 j 11:08<br>-668 Dec 15 j 01:23<br>-668 Dec 20 j 16:27   | 22°M36'49<br>0°メ<br>7°メ52'17<br>26°メ01'58<br>29°メ43'50<br>0°云02'59<br>30°Rメ<br>28°メ59'07<br>23°メ08'56<br>23°メ17'53   | 19°11'18<br>3°07'33<br>3°06'51   | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Dec 04 j 18:10<br>-667 Dec 04 j 15:24<br>-667 Dec 05 j 14:26   | 0°M<br>1°M47'35<br>22°M59'54<br>0° × 29'50<br>14° × 00'35<br>13° × 53'20<br>12° × 42'40<br>6° × 39'18<br>6° × 48'30<br>5° × 31'29  | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11   |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise  | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25<br>-668 Dec 12 j 11:08<br>-668 Dec 12 j 11:08<br>-668 Dec 20 j 16:27<br>-668 Dec 20 j 13:38<br>-668 Dec 22 j 02:05<br>-668 Dec 26 j 01:38  | 22°M36'49<br>0°メ<br>7°メ52'17<br>26°メ01'58<br>29°メ43'50<br>0°云02'59<br>30°Rメ<br>28°メ59'07<br>23°メ98'56<br>23°メ17'53<br>21°メ22'10  | 19°11'18<br>3°07'33<br>3°06'51   | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49   | 0°M. 1°M.47'35 22°M.59'54 0°\$\mathred{\mta}\mathred{\mathred{\mthred{\mta}\dak}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11   |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct   | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25<br>-668 Dec 12 j 11:08<br>-668 Dec 12 j 11:08<br>-668 Dec 20 j 16:27<br>-668 Dec 20 j 13:38<br>-668 Dec 22 j 02:05<br>-668 Dec 26 j 01:38<br>-667 Jan 01 j 11:29   | 22°M36'49<br>0°♂<br>7°♂52'17<br>26°♂01'58<br>29°♂43'50<br>0°♂<br>0°♂02'59<br>30°R♂<br>28°♂59'07<br>23°♂08'56<br>23°♂17'53<br>21°♂22'10<br>16°♂58'31<br>14°♂09'49   | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU                                 | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 15 j 19:32  | 0°M. 1°M.47'35 22°M.59'54 0°\$\tilde{\sigma}'\) 9°\$\tilde{\sigma}'29'50 14°\$\tilde{\sigma}'00'35 13°\$\tilde{\sigma}'53'20 12°\$\tilde{\sigma}'42'40 6°\$\tilde{\sigma}'39'18 6°\$\tilde{\sigma}'48'30 5°\$\tilde{\sigma}'31'29 0°\$\tilde{\sigma}'26'18   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11   |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise  | -668 Nov 11 j 22:52<br>-668 Nov 16 j 15:08<br>-668 Nov 21 j 15:25<br>-668 Dec 04 j 17:30<br>-668 Dec 09 j 21:16<br>-668 Dec 11 j 00:25<br>-668 Dec 12 j 11:08<br>-668 Dec 12 j 11:08<br>-668 Dec 20 j 16:27<br>-668 Dec 20 j 13:38<br>-668 Dec 22 j 02:05<br>-668 Dec 26 j 01:38<br>-667 Jan 01 j 11:29<br>-667 Jan 14 j 04:50  | 22°M36'49<br>0° ₹<br>7° ₹52'17<br>26° ₹01'58<br>29° ₹43'50<br>0° ₹02'59<br>30° ₹₹<br>28° ₹59'07<br>23° ₹08'56<br>23° ₹17'53<br>21° ₹22'10<br>16° ₹58'31<br>14° ₹09'49<br>21° ₹39'13  | 19°11'18<br>3°07'33<br>3°06'51   | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 15 j 19:32<br>-667 Dec 21 j 20:00   | 0°M. 1°M.47'35 22°M.59'54 0°\$\mathred{\sigma}'\) 9°\$\mathred{\sigma}'29'50 14°\$\mathred{\sigma}'00'35 13°\$\mathred{\sigma}'53'20 12°\$\mathred{\sigma}'42'40 6°\$\mathred{\sigma}'39'18 6°\$\mathred{\sigma}'48'30 5°\$\mathred{\sigma}'31'29 0°\$\mathred{\sigma}'26'18 30°\$\mathred{\mathred{\mathred{\mathred{\sigma}}'}0\mathred{\sigma}'\mathred{\sigma}'13'9 0°\$\mathred{\sigma}'  | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11   |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el  | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 12 j 11:08 -668 Dec 15 j 01:23 -668 Dec 20 j 16:27 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00   | 22°M36'49<br>0° ₹<br>7° ₹52'17<br>26° ₹01'58<br>29° ₹43'50<br>0° ₹02'59<br>30° ₹₹<br>28° ₹59'07<br>23° ₹08'56<br>23° ₹17'53<br>21° ₹22'10<br>16° ₹58'31<br>14° ₹09'49<br>21° ₹39'13<br>26° ₹55'45  | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU                                 | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 15 j 19:32<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31  | 0°M. 1°M.47'35 22°M.59'54 0°\$\tilde{\mathrice{A}}\) 9°\$\tilde{\mathrice{A}}\) 10°\$\tilde{\mathrice{A}}\) 10°\$\tilde{\mathrice{A}}\) 12°\$\tilde{\mathrice{A}}\) 130°\$\tilde{\mathrice{A}}\) 130°\$\tilde{\mathrice{A}}\] 130°\$\mathrice{ | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU                                       |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el  | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 12 j 11:08 -668 Dec 12 j 11:08 -668 Dec 20 j 16:27 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 22 j 02:05 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Jan 21 j 12:17   | 22°M36'49<br>0°ネ<br>7°ネ52'17<br>26°ネ'01'58<br>29°ネ'43'50<br>0°云<br>0°云02'59<br>30°Rネ<br>28°ネ'59'07<br>23°ネ'08'56<br>23°ネ'17'53<br>21°ネ'22'10<br>16°ネ'58'31<br>14°ネ'09'49<br>21°ネ'39'13<br>26°ネ'55'45<br>0°云  | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU                                 | evening rise<br>greatest brilliancy<br>evening max el<br>retrograde<br>asc. node<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31<br>-666 Jan 05 j 21:02  | 0°M. 1°M.47'35 22°M.59'54 0°\$\tilde{x}^2\text{29'50} 14°\$\tilde{x}^2\text{30'35} 13°\$\tilde{x}^5\text{3'20} 12°\$\tilde{x}^4\text{2'40} 6°\$\tilde{x}^3\text{3'1'29} 0°\$\tilde{x}^2\text{26'18} 30°\$\text{RM.} 27°M.51'39 0°\$\tilde{x}^4\text{3'05'58} 15°\$\tilde{x}^4\text{3'06}   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU                                       |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node   | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 11 j 17:51 -668 Dec 12 j 11:08 -668 Dec 15 j 01:23 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 22 j 02:05 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Jan 21 j 12:17 -667 Feb 10 j 16:45   | 22°M36'49<br>0°ネ<br>7°ネ'52'17<br>26°ネ'01'58<br>29°ネ'43'50<br>0°उ 02'59<br>30°Rネ'<br>28°ネ'59'07<br>23°ネ'08'56<br>23°ネ'17'53<br>21°ネ'22'10<br>16°ネ'58'31<br>14°ネ'09'49<br>21°ネ'39'13<br>26°ネ'55'45<br>0°云  | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU                                 | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31<br>-666 Jan 05 j 21:02<br>-666 Jan 15 j 22:51   | 0°M. 1°M47'35 22°M59'54 0°ズ 9°ズ29'50 14°ズ00'35 13°ズ53'20 12°ズ42'40 6°ズ39'18 6°ズ48'30 5°ズ31'29 0°ズ26'18 30°RM. 27°M51'39 0°ズ 4°ズ50'58 15°ズ48'06 0°石   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU                                       |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node   | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 11 j 17:51 -668 Dec 12 j 11:08 -668 Dec 15 j 01:23 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 22 j 02:05 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Feb 10 j 16:45 -667 Feb 19 j 07:54   | 22°M36'49<br>0°ネ<br>7°ネ'52'17<br>26°ネ'01'58<br>29°ネ'43'50<br>0°♂02'59<br>30°Rネ'<br>28°ネ'59'07<br>23°ネ'08'56<br>23°ネ'17'53<br>21°ネ'22'10<br>16°ネ'58'31<br>14°ネ'09'49<br>21°ネ'39'13<br>26°ネ'55'45<br>0°云   | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU<br>26°21'07                     | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 15 j 19:32<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31<br>-666 Jan 05 j 21:02<br>-666 Feb 01 j 18:38  | 0°M<br>1°M47'35<br>22°M59'54<br>0°ズ<br>9°ズ29'50<br>14°ズ90'35<br>13°ズ53'20<br>12°ズ42'40<br>6°ズ39'18<br>6°ズ48'30<br>5°ズ31'29<br>0°ズ26'18<br>30°RM<br>27°M51'39<br>0°ズ<br>4°ズ50'58<br>15°ズ48'06<br>0°云<br>27°云35'39   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU                                       |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node   | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 11 j 17:51 -668 Dec 12 j 11:08 -668 Dec 15 j 01:23 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 22 j 02:05 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 21 j 12:17 -667 Feb 10 j 16:45 -667 Feb 19 j 07:54 -667 Feb 23 j 09:59   | 22°M36'49<br>0°ズ<br>7°ズ52'17<br>26°ズ01'58<br>29°ズ43'50<br>0°G02'59<br>30°Rズ<br>28°ズ59'07<br>23°ズ08'56<br>23°ズ17'53<br>21°ズ22'10<br>16°ズ58'31<br>14°ズ09'49<br>21°ズ39'13<br>26°ズ55'45<br>0°云<br>0°云  | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU                                 | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  morning set   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31<br>-666 Jan 05 j 21:02<br>-666 Feb 01 j 18:38<br>-666 Feb 03 j 02:41  | 0°M. 1°M.47'35 22°M.59'54 0° 🖈 9° ₹ 29'50 14° ₹ 00'35 13° ₹ 53'20 12° ₹ 42'40 6° ₹ 39'18 6° ₹ 48'30 5° ₹ 31'29 0° ₹ 26'18 30° RM. 27° M.51'39 0° ₹ 48'06 0° ₹ 26'535'39 0° ≈   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU<br>25°04'45                           |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node   | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 11 j 17:51 -668 Dec 12 j 11:08 -668 Dec 15 j 01:23 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 22 j 02:05 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Feb 10 j 16:45 -667 Feb 19 j 07:54   | 22°M36'49<br>0°ズ<br>7°ズ52'17<br>26°ズ01'58<br>29°ズ43'50<br>0°G02'59<br>30°Rズ<br>28°ズ59'07<br>23°ズ08'56<br>23°ズ17'53<br>21°ズ22'10<br>16°ズ58'31<br>14°ズ09'49<br>21°ズ39'13<br>26°ズ55'45<br>0°云<br>0°云  | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU<br>26°21'07                     | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 15 j 19:32<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31<br>-666 Jan 05 j 21:02<br>-666 Feb 01 j 18:38  | 0°M<br>1°M47'35<br>22°M59'54<br>0°ズ<br>9°ズ29'50<br>14°ズ90'35<br>13°ズ53'20<br>12°ズ42'40<br>6°ズ39'18<br>6°ズ48'30<br>5°ズ31'29<br>0°ズ26'18<br>30°RM<br>27°M51'39<br>0°ズ<br>4°ズ50'58<br>15°ズ48'06<br>0°云<br>27°云35'39   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU                                       |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node  morning set max. Earth dist.   | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 12 j 11:08 -668 Dec 12 j 11:08 -668 Dec 20 j 16:27 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 22 j 02:05 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Feb 10 j 16:45 -667 Feb 19 j 07:54 -667 Feb 23 j 09:59 -667 Feb 26 j 19:20   | 22°M36'49 0°ズ 7°ズ'52'17 26°ズ'01'58 29°ズ'43'50 0°℧ 0°℧02'59 30°Rズ 28°ズ'59'07 23°ズ'08'56 23°ズ'17'53 21°ズ'22'10 16°ズ'58'31 14°ズ'09'49 21°ズ'39'13 26°ズ'55'45 0°℧ 0°☎ 15°≈23'32 23°≈14'11   | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU<br>26°21'07                     | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  morning set  max. Earth dist.   | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31<br>-666 Jan 05 j 21:02<br>-666 Feb 01 j 18:38<br>-666 Feb 03 j 02:41<br>-666 Feb 05 j 11:04   | 0°M. 1°M.47'35 22°M.59'54 0° ¾ 9° ¾29'50 14° ¾00'35 13° ¾53'20 12° ¾42'40 6° ¾39'18 6° ¾48'30 5° ¾31'29 0° ¾26'18 30° RM. 27° M.51'39 0° ¾ 4° ¾50'58 15° ¾48'06 0° ♂ 27° ♂35'39 0° ≈ 4° ≈18'49   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU<br>25°04'45                           |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node  morning set max. Earth dist.   | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 12 j 11:08 -668 Dec 12 j 11:08 -668 Dec 20 j 16:27 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 22 j 02:05 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Feb 10 j 16:45 -667 Feb 23 j 09:59 -667 Feb 26 j 19:20   | 22°M36'49 0°ズ 7°ズ'52'17 26°ズ'01'58 29°ズ'43'50 0°℧ 0°℧02'59 30°Rズ 28°ズ'59'07 23°ズ'08'56 23°ズ'17'53 21°ズ'22'10 16°ズ'58'31 14°ズ'09'49 21°ズ'39'13 26°ズ'55'45 0°℧ 0°☎ 15°≈23'32 23°≈14'11 0° 光  | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU<br>26°21'07<br>1.35090 AU       | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  morning set  max. Earth dist.  superior conj                                      | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 04 j 15:24<br>-667 Dec 09 j 23:35<br>-667 Dec 10 j 11:49<br>-667 Dec 15 j 19:32<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31<br>-666 Jan 05 j 21:02<br>-666 Feb 01 j 18:38<br>-666 Feb 03 j 02:41<br>-666 Feb 05 j 11:04  | 0°M. 1°M.47'35 22°M.59'54 0° ¾ 9° ¾29'50 14° ¾00'35 13° ¾53'20 12° ¾42'40 6° ¾39'18 6° ¾48'30 5° ¾31'29 0° ¾26'18 30° RM. 27° M.51'39 0° ¾ 4° ¾50'58 15° ¾48'06 0° ♂ 27° ♂35'39 0° ≈ 4° ≈18'49   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU<br>25°04'45<br>1.36842 AU<br>-1°35'56 |
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| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node  morning set max. Earth dist.   | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 12 j 11:08 -668 Dec 12 j 11:08 -668 Dec 20 j 16:27 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Jan 21 j 12:17 -667 Feb 10 j 16:45 -667 Feb 23 j 09:59 -667 Feb 26 j 19:20 -667 Feb 28 j 07:36 -667 Mar 07 j 21:12 -667 Mar 07 j 20:35   | 22°M36'49 0°ズ 7°ズ52'17 26°ズ01'58 29°ズ43'50 0°줍 0°줍02'59 30°Rズ 28°ズ59'07 23°ズ08'56 23°ズ17'53 21°ズ22'10 16°ズ58'31 14°ズ09'49 21°ズ39'13 26°ズ55'45 0°窓 15°≈23'32 23°≈14'11 0°ዢ 2°光47'53 3°光04'49 18°光45'47 18°光45'47  | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU<br>26°21'07<br>1.35090 AU       | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  morning set  max. Earth dist.  superior conj minimum elong evening rise           | -667 Oct 21 j 09:14<br>-667 Oct 22 j 13:06<br>-667 Nov 05 j 11:53<br>-667 Nov 10 j 08:15<br>-667 Nov 17 j 22:36<br>-667 Nov 25 j 15:18<br>-667 Nov 26 j 18:20<br>-667 Nov 29 j 07:03<br>-667 Dec 04 j 18:10<br>-667 Dec 05 j 14:26<br>-667 Dec 05 j 14:26<br>-667 Dec 10 j 11:49<br>-667 Dec 21 j 20:00<br>-667 Dec 27 j 13:31<br>-666 Jan 05 j 21:02<br>-666 Feb 01 j 18:38<br>-666 Feb 05 j 11:04<br>-666 Feb 11 j 17:13<br>-666 Feb 11 j 17:13<br>-666 Feb 18 j 13:17<br>-666 Feb 20 j 00:30  | 0°M. 1°M.47'35 22°M.59'54 0° ₹ 9° ₹ 29'50 14° ₹ 00'35 13° ₹ 53'20 12° ₹ 42'40 6° ₹ 39'18 6° ₹ 48'30 5° ₹ 31'29 0° ₹ 26'18 30° RM. 27° M.51'39 0° ₹ 4° ₹ 50'58 15° ₹ 48'06 0° ₹ 27° ₹ 35'39 0° ≈ 4° ≈ 18'49 16° ≈ 17'48 16° ≈ 36'15 0° ₹ 2° ₹ 57'22   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU<br>25°04'45<br>1.36842 AU<br>-1°35'56 |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node  morning set max. Earth dist.  superior conj minimum elong evening rise asc. node                 | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 12 j 11:08 -668 Dec 12 j 11:08 -668 Dec 15 j 01:23 -668 Dec 20 j 16:27 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Jan 21 j 12:17 -667 Feb 10 j 16:45 -667 Feb 23 j 09:59 -667 Feb 26 j 19:20 -667 Feb 28 j 04:18 -667 Feb 28 j 04:18 -667 Mar 07 j 21:12 -667 Mar 07 j 20:35 -667 Mar 13 j 13:11 | 22°M36'49 0° √ 7° √ 7° √ 52'17 26° √ 01'58 29° √ 43'50 0° 6 0° 602'59 30° € 28° √ 759'07 23° √ 108'56 23° √ 17'53 21° √ 22'10 16° √ 58'31 14° √ 09'49 21° √ 39'13 26° √ 55'45 0° 6 0° ≈ 15° ≈23'32 23° ≈14'11 0° ★ 2° ★ 45'47 18° ★ 45'47 18° ★ 42'37 0° ♥ | 19°11'18  3°07'33 3°06'51 0.65893 AU  26°21'07  1.35090 AU  -1°13'30 1°12'57 | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  morning set  max. Earth dist.  superior conj minimum elong                        | -667 Oct 21 j 09:14 -667 Oct 22 j 13:06 -667 Nov 05 j 11:53 -667 Nov 10 j 08:15 -667 Nov 17 j 22:36 -667 Nov 25 j 15:18 -667 Nov 26 j 18:20 -667 Nov 29 j 07:03 -667 Dec 04 j 18:10 -667 Dec 04 j 15:24 -667 Dec 05 j 14:26 -667 Dec 10 j 11:49 -667 Dec 15 j 19:32 -667 Dec 21 j 20:00 -667 Dec 27 j 13:31 -666 Jan 05 j 21:02 -666 Feb 01 j 18:38 -666 Feb 03 j 02:41 -666 Feb 05 j 11:04  -666 Feb 11 j 17:13 -666 Feb 11 j 17:13 -666 Feb 18 j 13:17 -666 Feb 20 j 00:30 -666 Feb 22 j 17:39 | 0°M. 1°M.47'35 22°M.59'54 0° 🖈 9° 🗷 29'50 14° 🗷 00'35 13° 🗷 53'20 12° 🗷 42'40 6° 🗷 39'18 6° 🗷 48'30 5° 🗷 31'29 0° 🗷 26'18 30° RM. 27° M.51'39 0° 🗷 4° 🗷 50'58 15° 🗷 48'06 0° 🛪 27° ♂ 35'39 0° ≈ 4° ≈ 18'49 16° ≈ 17'48 16° ≈ 36'15 0° ↔ 2° ♂ 55'522 8° ★ 20'55   | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU<br>25°04'45<br>1.36842 AU<br>-1°35'56 |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node  morning set max. Earth dist.  superior conj minimum elong evening rise asc. node  evening max el | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 11 j 17:51 -668 Dec 12 j 11:08 -668 Dec 15 j 01:23 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 20 j 13:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Jan 21 j 12:17 -667 Feb 10 j 16:45 -667 Feb 28 j 07:54 -667 Feb 28 j 07:54 -667 Feb 28 j 04:18 -667 Feb 28 j 04:18 -667 Mar 07 j 21:12 -667 Mar 07 j 20:35 -667 Mar 13 j 13:11 -667 Mar 26 j 16:21 | 22°M36'49 0°ズ 7°ズ52'17 26°ズ01'58 29°ズ43'50 0°줍 0°줍02'59 30°Rズ 28°ズ59'07 23°ズ08'56 23°ズ17'53 21°ズ22'10 16°ズ58'31 14°ズ09'49 21°ズ39'13 26°ズ55'45 0°쯟 15°≈23'32 23°≈14'11 0° 光 2° 光47'53 3° 光04'49 18° 光45'47 18° 光42'37 0° Υ 19° Υ07'59                       | 19°11'18<br>3°07'33<br>3°06'51<br>0.65893 AU<br>26°21'07<br>1.35090 AU       | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  morning set  max. Earth dist.  superior conj minimum elong evening rise asc. node | -667 Oct 21 j 09:14 -667 Oct 22 j 13:06 -667 Nov 05 j 11:53 -667 Nov 10 j 08:15 -667 Nov 17 j 22:36 -667 Nov 25 j 15:18 -667 Nov 26 j 18:20 -667 Nov 29 j 07:03 -667 Dec 04 j 18:10 -667 Dec 04 j 15:24 -667 Dec 05 j 14:26 -667 Dec 10 j 11:49 -667 Dec 15 j 19:32 -667 Dec 21 j 20:00 -667 Dec 27 j 13:31 -666 Jan 05 j 21:02 -666 Feb 01 j 18:38 -666 Feb 03 j 02:41 -666 Feb 05 j 11:04  -666 Feb 11 j 17:13 -666 Feb 18 j 13:17 -666 Feb 20 j 00:30 -666 Feb 22 j 17:39 -666 Mar 08 j 10:26 | 0°M. 1°M.47'35 22°M.59'54 0° 🖈 9° 🗷 29'50 14° 🗷 00'35 13° 🗷 53'20 12° 🗷 42'40 6° 🗷 39'18 6° 🗷 48'30 5° 🗷 31'29 0° 🗷 26'18 30° RM. 27° M.51'39 0° 🗷 4° 🗷 50'58 15° 🗷 48'06 0° ♂ 27° ♂ 35'39 0° ≈ 4° ≈ 18'49 16° ≈ 36'15 0° ↔ 2° ↔ 57'22 8° ↔ 20'55 0° ♥   | -0.6m 20°05'29 2°30'04 2°29'11 0.66822 AU 25°04'45 1.36842 AU -1°35'56 1°35'30              |
| greatest brilliancy evening max el asc. node  retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct morning max el desc. node  morning set max. Earth dist.  superior conj minimum elong evening rise asc. node                 | -668 Nov 11 j 22:52 -668 Nov 16 j 15:08 -668 Nov 21 j 15:25 -668 Dec 04 j 17:30 -668 Dec 09 j 21:16 -668 Dec 11 j 00:25 -668 Dec 12 j 11:08 -668 Dec 12 j 11:08 -668 Dec 15 j 01:23 -668 Dec 20 j 16:27 -668 Dec 20 j 16:27 -668 Dec 20 j 13:38 -668 Dec 26 j 01:38 -667 Jan 01 j 11:29 -667 Jan 14 j 04:50 -667 Jan 18 j 24:00 -667 Jan 21 j 12:17 -667 Feb 10 j 16:45 -667 Feb 23 j 09:59 -667 Feb 26 j 19:20 -667 Feb 28 j 04:18 -667 Feb 28 j 04:18 -667 Mar 07 j 21:12 -667 Mar 07 j 20:35 -667 Mar 13 j 13:11 | 22°M36'49 0° √ 7° √ 7° √ 52'17 26° √ 01'58 29° √ 43'50 0° 6 0° 602'59 30° € 28° √ 759'07 23° √ 108'56 23° √ 17'53 21° √ 22'10 16° √ 58'31 14° √ 09'49 21° √ 39'13 26° √ 55'45 0° 6 0° ≈ 15° ≈23'32 23° ≈14'11 0° ★ 2° ★ 45'47 18° ★ 45'47 18° ★ 42'37 0° ♥ | 19°11'18  3°07'33 3°06'51 0.65893 AU  26°21'07  1.35090 AU  -1°13'30 1°12'57 | evening rise greatest brilliancy  evening max el retrograde asc. node evening set inferior conj minimum elong min. Earth dist. morning rise  direct  morning max el desc. node  morning set  max. Earth dist.  superior conj minimum elong evening rise           | -667 Oct 21 j 09:14 -667 Oct 22 j 13:06 -667 Nov 05 j 11:53 -667 Nov 10 j 08:15 -667 Nov 17 j 22:36 -667 Nov 25 j 15:18 -667 Nov 26 j 18:20 -667 Nov 29 j 07:03 -667 Dec 04 j 18:10 -667 Dec 04 j 15:24 -667 Dec 05 j 14:26 -667 Dec 10 j 11:49 -667 Dec 15 j 19:32 -667 Dec 21 j 20:00 -667 Dec 27 j 13:31 -666 Jan 05 j 21:02 -666 Feb 01 j 18:38 -666 Feb 03 j 02:41 -666 Feb 05 j 11:04  -666 Feb 11 j 17:13 -666 Feb 11 j 17:13 -666 Feb 18 j 13:17 -666 Feb 20 j 00:30 -666 Feb 22 j 17:39 | 0°M. 1°M.47'35 22°M.59'54 0° 🖈 9° 🗷 29'50 14° 🗷 00'35 13° 🗷 53'20 12° 🗷 42'40 6° 🗷 39'18 6° 🗷 48'30 5° 🗷 31'29 0° 🗷 26'18 30° RM. 27° M.51'39 0° 🗷 4° 🗷 50'58 15° 🗷 48'06 0° 🞜 27° ♂ 35'39 0° ≈ 4° ≈ 18'49 16° ≈ 17'48 16° ≈ 36'15 0° ℃ 2° ∀ 57'22 8° ★ 20'55  | -0.6m<br>20°05'29<br>2°30'04<br>2°29'11<br>0.66822 AU<br>25°04'45<br>1.36842 AU<br>-1°35'56 |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 126 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom                            | nical year style is used: The  | ne year -900 in   | astronomical cou | nting style is the year       | 901 BCE in historical cou   | inting style.                 | g* *        |
|--|--|---|------------------|-------------------------------|---|-------------------------------|-------------|
| evening set                                    | -666 Mar 20 j 21:06  | 5° <b>Ƴ</b> 07'17                                       |                  | retrograde                    | -665 Feb 28 j 06:32   | 16° <b>¥</b> 59'48            |             |
| inferior conj                                  | -666 Mar 29 j 09:36  | 1° <b>Y</b> ′02'08                                      | 1°29'50          | evening set                   | -665 Mar 02 j 15:10   | 16° <b>¥</b> 40′55            |             |
| minimum elong                                  | -666 Mar 29 j 13:06  | 0° <b>Y</b> 56'30                                       | 1°28'41          | inferior conj                 | -665 Mar 10 j 08:54   | 12° <b>¥</b> 18'42            | 2°50'46     |
|  | -666 Mar 31 j 00:16  | 30° <b>Ŗ</b> ₩  |                  | minimum elong                 | -665 Mar 10 j 13:15   | 12° <b>升</b> 10′34            | 2°49'45     |
| min. Earth dist.                               | -666 Mar 31 j 23:49  | 29° <b>∺</b> 22'51                                      | 0.56044 AU       | min. Earth dist.              | -665 Mar 13 j 16:45   | 9° <b>¥</b> 50'55             | 0.57680 AU  |
| desc. node                                     | -666 Apr 03 j 20:12  | 27° <b>)</b> 44′08                                      |                  | morning rise                  | -665 Mar 18 j 08:27   | 7° <b>∺</b> 04'40             |             |
| morning rise                                   | -666 Apr 07 j 02:31  | 26° <b>∺</b> 20′03                                      |                  | desc. node                    | -665 Mar 21 j 17:14   | 5° <b>¥</b> 59'55             |             |
| direct   | -666 Apr 11 j 13:35  | 25° <b>∺</b> 35′16                                      |                  | direct                        | -665 Mar 23 j 22:50   | 5° <b>)</b> 47′30             |             |
|  | -666 Apr 22 j 12:42  | $0$ ° $\Upsilon$  |                  | morning max el                | -665 Apr 07 j 06:56   | 13° <b>升</b> 18′32            | 26°12'29    |
| morning max el                                 | -666 Apr 25 j 14:57  | 2° <b>Y</b> '40'46                                      | 24°43'17         |                               | -665 Apr 20 j 10:30   | $0$ ° $\Upsilon$              |             |
|  | -666 May 14 j 16:44  | 0°8   |                  | morning set                   | -665 May 05 j 19:21   | 28° <b>Ƴ</b> 12'35            |             |
| morning set                                    | -666 May 21 j 08:01  | 13° <b>8</b> 15'29                                      |                  |                               | -665 May 06 j 15:42   | 0°8                           |             |
| asc. node                                      | -666 May 21 j 16:54  | 14° <b>8</b> 02'17                                      |                  | asc. node                     | -665 May 08 j 13:57   | 4° <b>8</b> 07'39             |             |
|  | ((( M 20 : 00-15   | 200   | 1904157          | :                             | ((5 M 12 : 10-22  | 120 - 22100                   | 0942127     |
| superior conj                                  | -666 May 28 j 08:15  | 28° <b>8</b> 22'50                                      |                  | superior conj                 | -665 May 12 j 19:32   | 13° <b>8</b> 22'08            |             |
| minimum elong                                  | -666 May 28 j 05:53  | 28° <b>႘</b> 09'59<br>0°Ⅱ                               | 1°04'32          | minimum elong                 | -665 May 12 j 17:45   | 13° <b>8</b> 12'21            | 0°43'04     |
| Earth diet                                     | -666 May 29 j 02:10  |   | 1 22014 ATT      | max. Earth dist.              | -665 May 13 j 06:35   | 14° <b>8</b> 22'40            | 1.32513 AU  |
| max. Earth dist.                               | -666 May 29 j 19:26  |   | 1.33014 AU       | evening rise                  | -665 May 19 j 19:40   | 28° <b>႘</b> 26'33            |             |
| evening rise                                   | -666 Jun 04 j 14:19  | 13° <b>Ⅱ</b> 44'38<br>0° <b>©</b>                       |                  |                               | -665 May 20 j 13:43   | 0° <b>©</b><br>∏°0            |             |
| JJ.  | -666 Jun 13 j 01:58<br>-666 Jun 30 j 19:29   | 26°947'30   |                  | J J.                          | -665 Jun 06 j 09:34   | 14° <b>©</b> 22'49            |             |
| desc. node                                     | •  | 20 94730<br>0°Ω   |                  | desc. node                    | -665 Jun 17 j 16:30   |                               | 26856126    |
| avanina may al                                 | -666 Jul 03 j 13:19  |   | 27022142         | evening max el                | -665 Jun 19 j 11:54   | 16°©10'53                     | 20-30-20    |
| evening max el                                 | -666 Jul 07 j 07:13  | 3° <b>£</b> 52'55                                       | 21°23′42         | retrograde                    | -665 Jul 03 j 10:48   | 23°528'16                     |             |
| retrograde                                     | -666 Jul 21 j 01:17  | 11°Ω12'07   |                  | evening set                   | -665 Jul 10 j 08:42   | 21°521'08                     | 0.60000 ATT |
| evening set                                    | -666 Jul 28 j 06:13  | 8° <b>Ω</b> 39'04                                       | 0.62050 444      | min. Earth dist.              | -665 Jul 14 j 01:44   |                               | 0.60909 AU  |
| min. Earth dist.                               | -666 Jul 31 j 20:05  |   | 0.62858 AU       | inferior conj                 | -665 Jul 17 j 07:43   | 15°953'53                     |             |
| inferior conj                                  | -666 Aug 03 j 16:04  | 2° <b>Ω</b> 55'08                                       |                  | minimum elong                 | -665 Jul 17 j 10:53   | 15°547'06                     | 4°28'37     |
| minimum elong                                  | -666 Aug 03 j 20:36  | 2° <b>Ω</b> 44'06                                       | 3°55'00          | morning rise                  | -665 Jul 24 j 14:49   | 11° <b>©</b> 05'59            |             |
|  | -666 Aug 06 j 20:53  | 30° <b>₹</b> 5  |                  | direct                        | -665 Jul 27 j 02:29   | 10° <b>©</b> 41'25            |             |
| morning rise                                   | -666 Aug 10 j 12:10  | 27° <b>©</b> 45'52                                      |                  | morning max el                | -665 Aug 03 j 06:05   | 14° <b>©</b> 12'50            | 18°03'51    |
| direct   | -666 Aug 13 j 01:03  | 27° <b>©</b> 16'04                                      |                  | asc. node                     | -665 Aug 04 j 13:08   | 15° <b>©</b> 33'47            |             |
| asc. node                                      | -666 Aug 17 j 16:05  | 28° <b>©</b> 56'49                                      |                  |                               | -665 Aug 14 j 01:24   | $0$ $^{\circ}\Omega$          |             |
|  | -666 Aug 18 j 23:30  | $0 {\circ} \Omega$                                      |                  | morning set                   | -665 Aug 19 j 04:07   | 9° <b>Ω</b> 21'57             |             |
| morning max el                                 | -666 Aug 19 j 16:59  | 0° <b>Ω</b> 41'07                                       | 17°53'39         |                               |   |                               |             |
| morning set                                    | -666 Sep 05 j 01:32  | 26° <b>Ω</b> 08'12                                      |                  | superior conj                 | -665 Aug 29 j 04:15   | 27° <b>Ω</b> 38'45            |             |
|  | -666 Sep 07 j 05:54  | 0° <b>m</b> ∕   |                  | minimum elong                 | -665 Aug 29 j 08:21   | 27° <b>Ω</b> 56′56            | 1°30'00     |
|  |  |   |                  |                               | -665 Aug 30 j 12:17   | 0° <b>m</b> y                 |             |
| superior conj                                  | -666 Sep 16 j 14:16  | 16°₩09'20   | 1°04'04          | max. Earth dist.              | -665 Sep 05 j 18:33   | 10° <b>m</b> 43'20            | 1.41783 AU  |
| minimum elong                                  | -666 Sep 16 j 19:24  | 16°₩30'53   | 1°03'27          | evening rise                  | -665 Sep 11 j 12:33   | 20° Mp 07'34                  |             |
| max. Earth dist.                               | -666 Sep 23 j 08:56  | 27° Mp 20'00  | 1.43431 AU       | desc. node                    | -665 Sep 13 j 15:49   | 23° <b>m</b> 31'24            |             |
|  | -666 Sep 25 j 00:41  | 0。 <b>ত</b>   |                  |                               | -665 Sep 17 j 19:39   | 0∘ <b>ত</b>                   |             |
| desc. node                                     | -666 Sep 26 j 18:49  | 2° <b>≏</b> 48'08                                       |                  |                               | -665 Oct 08 j 23:57   | $0^{\circ}$ M $^{\circ}$      |             |
| evening rise                                   | -666 Oct 01 j 19:34  | 10° <b>≙</b> 42'05                                      |                  | evening max el                | -665 Oct 14 j 15:30   | 6°M26′02                      | 22°29'13    |
|  | -666 Oct 14 j 13:55  | $0^{\circ}$ M   |                  | retrograde                    | -665 Oct 24 j 08:02   | 12° <b>M</b> 11'44            |             |
| evening max el                                 | -666 Oct 31 j 21:55  | 22°M57'42   | 21°12'44         | evening set                   | -665 Oct 28 j 22:10   | 10° <b>M</b> 20′21            |             |
| retrograde                                     | -666 Nov 09 j 12:37  | 28° <b>™</b> 04'38                                      |                  | asc. node                     | -665 Oct 31 j 12:21   | 7° <b>ጤ</b> 40'01             |             |
| evening set                                    | -666 Nov 13 j 14:34  | 26° <b>™</b> 30'44                                      |                  | inferior conj                 | -665 Nov 03 j 06:20   | 4° <b>ጤ</b> 01'04             | 0°56'14     |
| asc. node                                      | -666 Nov 13 j 15:20  | 26°M29'15   |                  | minimum elong                 | -665 Nov 03 j 05:03   | 4°M05'29                      | 0°55'42     |
| inferior conj                                  | -666 Nov 18 j 23:26  | 20°M17'34   | 1°45'42          | min. Earth dist.              | -665 Nov 03 j 04:10   | 4°M08'34                      | 0.67616 AU  |
| minimum elong                                  | -666 Nov 18 j 21:14  | 20°M25'08   | 1°44'52          |                               | -665 Nov 06 j 07:54   | 30° <b>Ŗ</b> Ω                |             |
| min. Earth dist.                               | -666 Nov 19 j 07:57  | 19° <b>M</b> .48'18                                     | 0.67384 AU       | morning rise                  | -665 Nov 08 j 11:49   | 27° <b>≏</b> 49'06            |             |
| morning rise                                   | -666 Nov 24 j 03:46  | 14°M03'57   |                  | direct                        | -665 Nov 13 j 01:31   | 25° <b>≏</b> 56'51            |             |
| direct   | -666 Nov 29 j 08:26  | 11°M49'23   |                  |                               | -665 Nov 20 j 21:07   | $0^{\circ}$ M                 |             |
| morning max el                                 | -666 Dec 09 j 22:23  | 18° <b>™</b> 07'40                                      | 23°38'27         | morning max el                | -665 Nov 22 j 10:10   | 1° <b>M</b> 29'07             | 22°11'37    |
|  | -666 Dec 19 j 20:53  | 0° <b>∡</b> 7   |                  | desc. node                    | -665 Dec 10 j 15:06   | 25°M15'23                     |             |
| desc. node                                     | -666 Dec 23 j 18:05  | 5° <b>х</b> 18′23                                       |                  |                               | -665 Dec 13 j 19:51   | 0° <b>√</b>                   |             |
|  | -665 Jan 09 j 01:34  | 0°る   |                  | morning set                   | -665 Dec 25 j 12:04   | 18° <b>✓</b> 10'05            |             |
| morning set                                    | -665 Jan 14 j 05:46  | 8° <b>る</b> 35'15                                       |                  | max. Earth dist.              | -665 Dec 31 j 03:43   | 27° <b>∡</b> 28'35            | 1.40989 AU  |
| max. Earth dist.                               |  |   | 1.38887 AU       |                               | -664 Jan 01 j 15:34   | 0°පි                          |             |
| max. Earm dist.                                | -665 Jan 18 j 06:30  |   |                  |                               | -   |                               |             |
| max. Latui dist.                               | -  |   |                  |                               |   |                               |             |
| superior conj                                  | -665 Jan 25 j 16:52  | 29° <b>ට</b> 04'34                                      |                  | superior conj                 | -664 Jan 07 j 22:15   | 10° <b>පි</b> 55'16           |             |
|  | -665 Jan 25 j 16:52<br>-665 Jan 25 j 19:53   |   |                  | minimum elong                 | -664 Jan 07 j 22:43   | 10° <b>る</b> 57'20            |             |
| superior conj                                  | -665 Jan 25 j 16:52  | 29° <b>ට</b> 04'34                                      |                  |                               |   | 10°ප57'20<br>29°ප49'09        |             |
| superior conj                                  | -665 Jan 25 j 16:52<br>-665 Jan 25 j 19:53   | 29° <b>පි</b> 04'34<br>29° <b>පි</b> 18'45              |                  | minimum elong                 | -664 Jan 07 j 22:43   | 10° <b>る</b> 57'20            |             |
| superior conj<br>minimum elong                 | -665 Jan 25 j 16:52<br>-665 Jan 25 j 19:53<br>-665 Jan 26 j 04:39                        | 29°♂04'34<br>29°♂18'45<br>0°≈<br>16°≈41'19<br>27°≈37'56 |                  | minimum elong                 | -664 Jan 07 j 22:43<br>-664 Jan 18 j 05:21                        | 10°ප57'20<br>29°ප49'09        |             |
| superior conj<br>minimum elong<br>evening rise | -665 Jan 25 j 16:52<br>-665 Jan 25 j 19:53<br>-665 Jan 26 j 04:39<br>-665 Feb 03 j 20:18 | 29°る04'34<br>29°る18'45<br>0°≈<br>16°≈41'19              |                  | minimum elong<br>evening rise | -664 Jan 07 j 22:43<br>-664 Jan 18 j 05:21<br>-664 Jan 18 j 07:41 | 10°ප57'20<br>29°ප49'09<br>0°≈ |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 127 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomic        | cal year style is used: Th                 | ne year -900 in                          | astronomical coun | ting style is the year 9 | 01 BCE in historical cou                   | nting style.                            | , /         |
|------------------------------|--|--|-------------------|--------------------------|--|---|-------------|
| evening set                  | -664 Feb 13 j 04:02                        | 28° <b>≈</b> 56'23                       |                   | asc. node                | -663 Jan 13 j 08:43                        | 4° <b>≈</b> 36'04                       |             |
| inferior conj                | -664 Feb 20 j 04:59                        | 24° <b>≈</b> 13'32                       | 3°36'16           | evening max el           | -663 Jan 16 j 23:39                        | 8° <b>≈</b> 56'15                       | 18°07'45    |
| minimum elong                | -664 Feb 20 j 07:35                        | 24° <b>≈</b> 07'55                       | 3°35'57           | retrograde               | -663 Jan 23 j 13:55                        | 12° <b>≈</b> 21′25                      |             |
| min. Earth dist.             | -664 Feb 23 j 14:17                        | 21° <b>≈</b> 18′20                       | 0.59707 AU        | evening set              | -663 Jan 26 j 07:44                        | 11° <b>≈</b> 45'40                      |             |
| morning rise                 | -664 Feb 27 j 08:58                        | 18° <b>≈</b> 36′03                       |                   | inferior conj            | -663 Feb 01 j 19:19                        | 6° <b>≈</b> 41'34                       | 3°52'12     |
| direct                       | -664 Mar 04 j 21:00                        | 16° <b>≈</b> 40′19                       |                   | minimum elong            | -663 Feb 01 j 19:34                        | 6° <b>≈</b> 40'58                       | 3°52'11     |
| desc. node                   | -664 Mar 07 j 14:16                        | 16° <b>≈</b> 59'48                       |                   | min. Earth dist.         | -663 Feb 04 j 19:02                        | 3° <b>≈</b> 44′03                       | 0.61785 AU  |
| morning max el               | -664 Mar 19 j 03:53                        | 24° <b>≈</b> 24'47                       | 27°16'08          | morning rise             | -663 Feb 08 j 06:09                        | 0° <b>≈</b> 49'12                       |             |
|                              | -664 Mar 24 j 06:15                        | 0° <b>∀</b>                              |                   |                          | -663 Feb 09 j 12:41                        | 30°₹ <b>⋜</b>                           |             |
|                              | -664 Apr 12 j 14:40                        | $0^{\circ}$ Y                            |                   | direct                   | -663 Feb 15 j 05:10                        | 28° <b>る</b> 20'53                      |             |
| morning set                  | -664 Apr 19 j 04:17                        | 13° <b>Y</b> ′00'53                      |                   |                          | -663 Feb 21 j 06:36                        | 0° <b>≈</b>                             |             |
| asc. node                    | -664 Apr 24 j 11:00                        | 24° <b>Y</b> 18'12                       |                   | desc. node               | -663 Feb 22 j 11:19                        | 0° <b>≈</b> 40′22                       |             |
|                              |  |  |                   | morning max el           | -663 Mar 01 j 06:53                        | 6° <b>≈</b> 10'47                       | 27°45'10    |
| superior conj                | -664 Apr 26 j 07:15                        | 28° <b>Y</b> ′20′25                      | 0°19'25           |                          | -663 Mar 19 j 06:55                        | 0° <b>∀</b>                             |             |
| minimum elong                | -664 Apr 26 j 06:23                        | 28° <b>Ƴ</b> 15'41                       | 0°19'14           | morning set              | -663 Apr 03 j 08:51                        | 27° <b>∺</b> 33'19                      |             |
| max. Earth dist.             | -664 Apr 25 j 19:24                        | 27° <b>Y</b> °15'27                      | 1.32370 AU        |                          | -663 Apr 04 j 13:21                        | $0^{\circ}$ Y                           |             |
|                              | -664 Apr 27 j 01:24                        | 0° <b>႘</b>                              |                   | max. Earth dist.         | -663 Apr 09 j 06:07                        | 9° <b>Ƴ</b> 58'20                       | 1.32598 AU  |
| evening rise                 | -664 May 03 j 05:06                        | 13° <b>8</b> 18'52                       |                   |                          |  |   |             |
|                              | -664 May 11 j 16:22                        | $\Pi^{\circ}0$                           |                   | superior conj            | -663 Apr 10 j 17:43                        | 13° <b>Ƴ</b> 11'32                      | -0°06'20    |
| evening max el               | -664 May 31 j 10:12                        | 27° <b>Ⅱ</b> 45′05                       | 25°57'28          | minimum elong            | -663 Apr 10 j 18:01                        | 13° <b>Y</b> 13'08                      | 0°06'15     |
|                              | -664 Jun 02 j 23:07                        | $0$ ° $\mathfrak{S}$                     |                   | behind sun begin         | -663 Apr 10 j 13:17                        | 12° <b>Y</b> 47'24                      |             |
| desc. node                   | -664 Jun 03 j 13:30                        | 0°528'39                                 |                   | behind sun end           | -663 Apr 10 j 22:44                        | 13° <b>Ƴ</b> 38'52                      |             |
| retrograde                   | -664 Jun 14 j 11:43                        | 4° <b>©</b> 58'26                        |                   | asc. node                | -663 Apr 11 j 08:03                        | 14° <b>Ƴ</b> 29'35                      |             |
| evening set                  | -664 Jun 20 j 13:54                        | 3°528'32                                 |                   | evening rise             | -663 Apr 17 j 16:34                        | 28° <b>Ƴ</b> 14'11                      |             |
| min. Earth dist.             | -664 Jun 24 j 22:51                        | 0°9548'31                                | 0.58848 AU        | C                        | -663 Apr 18 j 12:41                        | 0°B                                     |             |
|                              | -664 Jun 26 j 01:33                        | 30°RⅡ                                    |                   |                          | -663 May 05 j 15:52                        | 0°II                                    |             |
| inferior conj                | -664 Jun 28 j 06:30                        | 28° <b>II</b> 20'52                      | -4°40'56          | evening max el           | -663 May 13 j 02:40                        | 8° <b>Ⅱ</b> 39'47                       | 24°33'58    |
| minimum elong                | -664 Jun 28 j 06:19                        | 28° <b>Ⅲ</b> 21'12                       |                   | desc. node               | -663 May 21 j 10:32                        | 14° <b>Ⅲ</b> 30′21                      |             |
| morning rise                 | -664 Jul 06 j 01:09                        | 23° <b>I</b> 55'08                       |                   | retrograde               | -663 May 27 j 01:14                        | 15° <b>Ⅱ</b> 42'21                      |             |
| direct                       | -664 Jul 08 j 13:22                        | 23° <b>∏</b> 34'10                       |                   | evening set              | -663 May 31 j 20:22                        | 14° <b>Ⅱ</b> 50'34                      |             |
| morning max el               | -664 Jul 16 j 13:46                        | 27° <b>I</b> I23'00                      | 18°34'00          | min. Earth dist.         | -663 Jun 06 j 14:14                        |   | 0.56961 AU  |
| morning max or               | -664 Jul 19 j 00:02                        | 0°95                                     | 10 3 1 00         | inferior conj            | -663 Jun 09 j 09:31                        | 10° <b>耳</b> 06'41                      |             |
| asc. node                    | -664 Jul 21 j 10:11                        | 3° <b>©</b> 12'07                        |                   | minimum elong            | -663 Jun 09 j 04:49                        | 10° <b>Ⅱ</b> 14'18                      |             |
| morning set                  | -664 Aug 01 j 19:13                        | 23°S13'09                                |                   | morning rise             | -663 Jun 17 j 16:04                        | 6° <b>Ⅱ</b> 00'47                       | 1 17 13     |
| morning set                  | -664 Aug 05 j 07:20                        | 0°Ω                                      |                   | direct                   | -663 Jun 20 j 06:07                        | 5° <b>II</b> 42'15                      |             |
|                              | 004 Mag 03 J 07.20                         | 0 00                                     |                   | morning max el           | -663 Jun 29 j 13:04                        | 10° <b>Ⅱ</b> 01'25                      | 19°24'59    |
| superior conj                | -664 Aug 10 j 16:44                        | 10° <b>Ω</b> 15'40                       | 1°44'06           | asc. node                | -663 Jul 08 j 07:16                        | 21° <b>II</b> 37'33                     | 1) 243)     |
| minimum elong                | -664 Aug 10 j 18:38                        | 10° <b>Ω</b> 24'32                       |                   | asc. node                | -663 Jul 12 j 22:54                        | 0°95                                    |             |
| max. Earth dist.             | -664 Aug 17 j 23:01                        |  | 1.39838 AU        | morning set              | -663 Jul 16 j 19:08                        | 7° <b>9</b> 31'33                       |             |
| max. Earth dist.             | -664 Aug 21 j 19:23                        | 0°m)                                     | 1.37636 AU        | morning set              | -003 Jul 10 j 19.06                        | 7 351 33                                |             |
| evening rise                 | -664 Aug 22 j 04:32                        | 0°mp38′28                                |                   | superior conj            | -663 Jul 24 j 22:01                        | 23°543'30                               | 1947'30     |
| desc. node                   | -664 Aug 30 j 12:51                        |  |                   | minimum elong            | -663 Jul 24 j 21:52                        | 23°942'42                               | 1°47'30     |
| desc. node                   | • •  | 14° <b>™</b> 08'08<br>0° <b>⊆</b>        |                   | minimum eiong            |  | 23 94242<br>0°Ω                         | 1 4/31      |
|                              | -664 Sep 10 j 05:06                        | 0° <b>22</b><br>19° <b>2</b> 57'30       | 22940120          | F4l- 4i-4                | -663 Jul 28 j 04:02<br>-663 Jul 31 j 02:05 | 5° <b>Ω</b> 28'03                       | 1.37850 AU  |
| evening max el<br>retrograde | -664 Sep 26 j 05:01                        |  | 23°49'30          | max. Earth dist.         | -663 Aug 03 j 21:22                        | $12^{\circ}\Omega 20'20$                | 1.37830 AU  |
| C                            | -664 Oct 07 j 00:13<br>-664 Oct 12 j 04:13 | 26° <b>Ω</b> 19'15                       |                   | evening rise             | <b>C</b> 3                                 |   |             |
| evening set                  | ,  | 24° <b>Ω</b> 09'43                       | 0 (752( AII       | 11-                      | -663 Aug 14 j 11:17                        | 0°M)<br>4°M>22117                       |             |
| min. Earth dist.             | -664 Oct 17 j 00:39                        | 18° <b>Ω</b> 30'38                       | 0.67536 AU        | desc. node               | -663 Aug 17 j 09:52                        | 4° <b>m</b> 33'17                       |             |
| asc. node                    | -664 Oct 17 j 09:22                        | 18° <b>♀</b> 00'57<br>17° <b>♀</b> 48'16 | 0°03'13           |                          | -663 Sep 05 j 07:58                        | ე∘ <b>⊽</b>                             | 25°06'49    |
| inferior conj                | -664 Oct 17 j 13:06                        |  |                   | evening max el           | -663 Sep 08 j 16:41                        | 3° <b>₽</b> 32′26                       | 23 00 49    |
| minimum elong                | -664 Oct 17 j 13:01                        | 17° <b>Ω</b> 48'32                       | 0°03'10           | retrograde               | -663 Sep 20 j 12:10                        | 10° <b>£</b> 22'49<br>7° <b>£</b> 56'08 |             |
| transit middle               | -664 Oct 17 j 13:01                        | 17° <b>Ω</b> 48'32                       | 0°03'10           | evening set              | -663 Sep 26 j 06:58                        |   | 0.67120 ATT |
| transit begin                | -664 Oct 17 j 10:21                        | 17° <b>Ω</b> 57'36                       |                   | min. Earth dist.         | -663 Sep 30 j 18:54                        | 2° <b>£</b> 52'03                       | 0.67139 AU  |
| transit end                  | -664 Oct 17 j 15:41                        | 17° <b>Ω</b> 39'28                       |                   | inferior conj            | -663 Oct 01 j 18:00                        | 1° <b>2</b> 36′21                       |             |
| morning rise                 | -664 Oct 22 j 21:46                        | 11° <b>≏</b> 40'35                       |                   | minimum elong            | -663 Oct 01 j 19:17                        | 1° <b>≏</b> 32'08                       | 0°51'22     |
| direct                       | -664 Oct 26 j 21:48                        | 10° <b>Ω</b> 10'01                       |                   |                          | -663 Oct 02 j 23:47                        | 30°R, Mp                                |             |
| morning max el               | -664 Nov 04 j 04:08                        | 14° <b>Ω</b> 59'09                       | 20°51'56          | asc. node                | -663 Oct 04 j 06:26                        | 28° m) 26'55                            |             |
| 1 1                          | -664 Nov 15 j 23:32                        | 0°M                                      |                   | morning rise             | -663 Oct 07 j 07:42                        | 25° m 35'56                             |             |
| desc. node                   | -664 Nov 26 j 12:08                        | 15°M31'44                                |                   | direct                   | -663 Oct 10 j 19:55                        | 24° m) 24'45                            | 1004425     |
| morning set                  | -664 Dec 03 j 16:35                        | 26°M34'30                                |                   | morning max el           | -663 Oct 18 j 05:47                        | 28° <b>m</b> 38'58                      | 19°44'25    |
|                              | -664 Dec 05 j 21:02                        | 0° <b>∡</b> ¹                            | 1 100== :==       |                          | -663 Oct 19 j 12:14                        | ია <b>ო</b>                             |             |
| max. Earth dist.             | -664 Dec 12 j 08:09                        | 10° <b>√</b> 19'52                       | 1.42855 AU        |                          | -663 Nov 09 j 11:36                        | 0°M,                                    |             |
|                              |  | <del>-</del> -                           |                   | morning set              | -663 Nov 12 j 13:50                        | 4°M46'30                                |             |
| superior conj                | -664 Dec 19 j 04:01                        | 21° <b>∡</b> ³37′51                      |                   | desc. node               | -663 Nov 13 j 09:11                        | 6° <b>M</b> ₊01'24                      |             |
| minimum elong                | -664 Dec 19 j 00:04                        | 21° <b>×</b> <sup>7</sup> 21'12          | 1°55'01           | max. Earth dist.         | -663 Nov 24 j 20:23                        | 23°M 59'52                              | 1.44220 AU  |
|                              | -664 Dec 24 j 01:24                        | 0°る                                      |                   |                          | -663 Nov 28 j 14:27                        | 0° <b>∡</b> ¹                           |             |
| evening rise                 | -664 Dec 30 j 23:50                        | 12° <b>る</b> 13'15                       |                   |                          |  | =                                       |             |
|                              | -663 Jan 10 j 06:33                        | 0° <b>≈</b>                              |                   | superior conj            | -663 Nov 29 j 06:47                        | 1° <b>∡</b> ¹05'47                      | -1°32'14    |
|                              |  |  |                   |                          |  |   |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 128 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: T | he year -900 in      | astronomical cou | inting style is the year | 901 BCE in historical cou | unting style.           |            |
|---------------------|-----------------------------|----------------------|------------------|--------------------------|---------------------------|-------------------------|------------|
| minimum elong       | -663 Nov 28 j 22:58         | 0° <b>≯</b> 34'18    | 1°31'32          |                          | -662 Dec 10 j 09:15       | 0°₹                     |            |
| evening rise        | -663 Dec 12 j 23:23         | 23° <b>҂</b> 45'37   |                  | evening max el           | -662 Dec 14 j 23:32       | 5°₹38'09                | 18°47'03   |
|                     | -663 Dec 16 j 15:43         | 0°ಕ                  |                  | asc. node                | -662 Dec 18 j 02:48       | 8° <b>る</b> 15'49       |            |
| asc. node           | -663 Dec 31 j 05:45         | 21° <b>る</b> 57'26   |                  | retrograde               | -662 Dec 21 j 17:26       | 9° <b>る</b> 25'56       |            |
| evening max el      | -663 Dec 31 j 12:14         | 22° <b>る</b> 14'09   | 18°18'19         | evening set              | -662 Dec 24 j 21:05       | 8° <b>る</b> 29'12       |            |
| retrograde          | -662 Jan 07 j 00:16         | 25° <b>る</b> 45'16   |                  | inferior conj            | -662 Dec 30 j 15:17       | 2°る47'36                | 3°25'07    |
| evening set         | -662 Jan 09 j 22:31         | 24° <b>る</b> 59'36   |                  | minimum elong            | -662 Dec 30 j 12:42       | 2°る55'28                | 3°24'37    |
| inferior conj       | -662 Jan 16 j 00:01         | 19° <b>る</b> 35'34   | 3°46'26          | min. Earth dist.         | -661 Jan 01 j 09:11       | 0° <b>る</b> 39'46       | 0.65176 AU |
| minimum elong       | -662 Jan 15 j 22:28         | 19° <b>る</b> 39'56   | 3°46'15          |                          | -661 Jan 01 j 22:35       | 30°₹ <i>≯</i> 7         |            |
| min. Earth dist.    | -662 Jan 18 j 09:13         | 16° <b>る</b> 56'25   | 0.63650 AU       | morning rise             | -661 Jan 05 j 03:59       | 26° <b>₰</b> 39'25      |            |
| morning rise        | -662 Jan 21 j 21:46         | 13° <b>る</b> 33'40   |                  | direct                   | -661 Jan 11 j 20:12       | 23° <b>҂</b> 47'31      |            |
| direct              | -662 Jan 28 j 21:16         | 10° <b>る</b> 46'12   |                  |                          | -661 Jan 23 j 11:50       | 0° <b>ප</b>             |            |
| desc. node          | -662 Feb 09 j 08:23         | 16° <b>る</b> 28'02   |                  | morning max el           | -661 Jan 25 j 00:25       | 1°る28'20                | 26°56'46   |
| morning max el      | -662 Feb 11 j 14:38         | 18° <b>る</b> 35'41   | 27°37'30         | desc. node               | -661 Jan 27 j 05:26       | 3° <b>⋜</b> 47'10       |            |
|                     | -662 Feb 21 j 06:34         | 0° <b>≈</b>          |                  |                          | -661 Feb 15 j 09:04       | 0° <b>≈</b>             |            |
|                     | -662 Mar 12 j 03:39         | 0° <b>∀</b>          |                  | morning set              | -661 Mar 01 j 18:26       | 25°≈16'25               |            |
| morning set         | -662 Mar 18 j 06:40         | 11° <b>∺</b> 42'17   |                  |                          | -661 Mar 04 j 04:39       | 0° <b>∀</b>             |            |
| max. Earth dist.    | -662 Mar 23 j 10:56         | 22° <b>升</b> 19′03   | 1.33222 AU       | max. Earth dist.         | -661 Mar 06 j 05:52       | 4° <b>)</b> €05'47      | 1.34277 AU |
|                     |                             | >                    |                  |                          |                           |                         |            |
| superior conj       | -662 Mar 26 j 01:12         | 27° <b>)</b> (49′42  |                  | superior conj            | -661 Mar 10 j 03:33       | 12° <b>米</b> 07'12      |            |
| minimum elong       | -662 Mar 26 j 02:46         | 27° <b>)</b> € 58'03 | 0°32'30          | minimum elong            | -661 Mar 10 j 06:18       | 12° <b>∺</b> 21'35      | 0°58'35    |
|                     | -662 Mar 27 j 01:30         | 0° <b>Υ</b>          |                  | asc. node                | -661 Mar 16 j 02:09       | 24° <b>)</b> 38′02      |            |
| asc. node           | -662 Mar 29 j 05:06         | 4° <b>Ƴ</b> 37'52    |                  | evening rise             | -661 Mar 17 j 14:19       | 27° <b>)</b> 47′13      |            |
| evening rise        | -662 Apr 02 j 04:17         | 13° <b>Y</b> ′06′12  |                  |                          | -661 Mar 18 j 15:59       | $0^{\circ}$ Y           |            |
|                     | -662 Apr 10 j 19:15         | 0°8                  |                  | evening max el           | -661 Apr 06 j 14:27       | 0° <b>8</b> 02'11       | 21°27'38   |
| evening max el      | -662 Apr 24 j 17:47         | 19° <b>8</b> 15'52   | 22°59'11         |                          | -661 Apr 06 j 13:33       | $_{0\circ}$ 8           |            |
| retrograde          | -662 May 08 j 02:08         | 25° <b>8</b> 53'13   |                  | retrograde               | -661 Apr 18 j 17:20       | 5° <b>8</b> 55'33       |            |
| desc. node          | -662 May 08 j 07:34         | 25° <b>8</b> 53'06   |                  | evening set              | -661 Apr 21 j 03:29       | 5° <b>8</b> 42'10       |            |
| evening set         | -662 May 11 j 11:33         | 25° <b>8</b> 28'01   |                  | desc. node               | -661 Apr 25 j 04:38       | 4° <b>8</b> 26'23       |            |
| min. Earth dist.    | -662 May 19 j 03:07         | 22° <b>8</b> 04'33   | 0.55586 AU       | inferior conj            | -661 Apr 30 j 12:45       | 1° <b>8</b> 41'08       |            |
| inferior conj       | -662 May 20 j 17:14         | 21° <b>8</b> 09'23   | -3°15'20         | minimum elong            | -661 Apr 30 j 08:32       | 1° <b>8</b> 47'04       | 1°29'08    |
| minimum elong       | -662 May 20 j 10:10         | 21° <b>8</b> 19'38   | 3°13'26          | min. Earth dist.         | -661 Apr 30 j 16:07       | 1° <b>8</b> 36'25       | 0.55020 AU |
| morning rise        | -662 May 29 j 11:16         | 17° <b>8</b> 14'58   |                  |                          | -661 May 03 j 14:42       | 30° <b>₹Ƴ</b>           |            |
| direct              | -662 Jun 01 j 04:28         | 16° <b>8</b> 57'28   |                  | morning rise             | -661 May 09 j 14:09       | 27° <b>Ƴ</b> 41'15      |            |
| morning max el      | -662 Jun 12 j 01:52         | 22° <b>8</b> 00'31   | 20°36'38         | direct                   | -661 May 12 j 15:24       | 27° <b>Y</b> 20′55      |            |
|                     | -662 Jun 18 j 18:32         | $\Pi$ $^{\circ}0$    |                  |                          | -661 May 20 j 23:27       | $9^{\circ}$ 8           |            |
| asc. node           | -662 Jun 25 j 04:22         | 10° <b>Ⅲ</b> 39′02   |                  | morning max el           | -661 May 25 j 03:48       | 3° <b>8</b> 16'52       | 22°06'05   |
| morning set         | -662 Jul 01 j 01:04         | 22° <b>Ⅱ</b> 09'47   |                  | asc. node                | -661 Jun 12 j 01:26       | 0° <b>Ⅱ</b> 06'41       |            |
|                     | -662 Jul 04 j 20:11         | $0$ $\circ$ $\infty$ |                  |                          | -661 Jun 12 j 00:05       | $\Pi$ $^{\circ}0$       |            |
|                     |                             |                      |                  | morning set              | -661 Jun 15 j 10:46       | 7° <b>Ⅱ</b> 00'41       |            |
| superior conj       | -662 Jul 08 j 15:20         | 7° <b>©</b> 48'59    | 1°42'46          |                          |                           |                         |            |
| minimum elong       | -662 Jul 08 j 13:44         | 7° <b>5</b> 340'49   | 1°42'42          | superior conj            | -661 Jun 22 j 16:55       | 22° <b>Ⅲ</b> 20′11      | 1°31'47    |
| max. Earth dist.    | -662 Jul 13 j 09:21         | 17° <b>©</b> 17'50   | 1.36043 AU       | minimum elong            | -661 Jun 22 j 14:34       | 22° <b>Ⅱ</b> 07'46      | 1°31'32    |
| evening rise        | -662 Jul 17 j 11:22         | 25° <b>©</b> 04'30   |                  | max. Earth dist.         | -661 Jun 26 j 01:00       |                         | 1.34561 AU |
|                     | -662 Jul 20 j 04:02         | $0^{\circ}\Omega$    |                  |                          | -661 Jun 26 j 09:36       | $0_{\circ}$ වෙ          |            |
| desc. node          | -662 Aug 04 j 06:52         | 24° <b>Ω</b> 41′06   |                  | evening rise             | -661 Jun 30 j 17:29       | 8° <b>5</b> 37'07       |            |
|                     | -662 Aug 07 j 23:47         | 0° <b>m</b> y        |                  |                          | -661 Jul 12 j 16:38       | $0^{\circ}\Omega$       |            |
| evening max el      | -662 Aug 22 j 04:12         | 17° <b>m</b> 08'09   | 26°13'25         | desc. node               | -661 Jul 22 j 03:55       | 14° <b>Ω</b> 23′50      |            |
| retrograde          | -662 Sep 03 j 19:20         | 24° Mp 17'31         |                  |                          | -661 Aug 04 j 00:30       | O° <b>m</b>             |            |
| evening set         | -662 Sep 10 j 04:29         | 21°My37'21           |                  | evening max el           | -661 Aug 04 j 15:55       | 0° <b>m</b> ,37'34      | 27°01'41   |
| min. Earth dist.    | -662 Sep 14 j 08:31         | 17° <b>m</b> 10'16   | 0.66406 AU       | retrograde               | -661 Aug 17 j 21:25       | 7° <b>m</b> , 56′29     |            |
| inferior conj       | -662 Sep 15 j 19:12         | 15° Mp 23'00         | -1°47'30         | evening set              | -661 Aug 24 j 18:25       | 5° <b>m</b> 10'09       |            |
| minimum elong       | -662 Sep 15 j 21:53         | 15° <b>m</b> 14'40   | 1°46'26          | min. Earth dist.         | -661 Aug 28 j 15:15       | 1° <b>™</b> 20'22       | 0.65310 AU |
| asc. node           | -662 Sep 21 j 03:32         | 9° <b>m</b> 51'59    |                  |                          | -661 Aug 29 j 19:26       | $30^{\circ}$ R $\Omega$ |            |
| morning rise        | -662 Sep 21 j 15:36         | 9° <b>₯</b> 32'51    |                  | inferior conj            | -661 Aug 30 j 14:36       | 29° <b>Ω</b> 04'48      | -2°41'31   |
| direct              | -662 Sep 24 j 18:09         | 8° <b>m</b> 37'44    |                  | minimum elong            | -661 Aug 30 j 18:31       | 28° <b>Ω</b> 53'35      | 2°40'08    |
| morning max el      | -662 Oct 01 j 14:23         | 12° Mp 27'00         | 18°51'43         | morning rise             | -661 Sep 05 j 19:14       | 23° <b>Ω</b> 27'59      |            |
|                     | -662 Oct 14 j 08:03         | 0∘ <b>⊽</b>          |                  | asc. node                | -661 Sep 08 j 00:37       | 22° <b>Ω</b> 47'09      |            |
| morning set         | -662 Oct 23 j 03:49         | 13° <b>ჲ</b> 53'49   |                  | direct                   | -661 Sep 08 j 14:29       | 22° <b>Ω</b> 45'19      |            |
| desc. node          | -662 Oct 31 j 06:12         | 26° <b>≏</b> 40'03   |                  | morning max el           | -661 Sep 15 j 03:49       | 26° <b>Ω</b> 18'53      | 18°15'21   |
|                     | -662 Nov 02 j 09:04         | 0°M                  |                  |                          | -661 Sep 18 j 07:43       | 0° <b>m</b>             |            |
| max. Earth dist.    | -662 Nov 07 j 13:36         | 8°M09'32             | 1.44922 AU       | morning set              | -661 Oct 03 j 21:55       | 24° <b>m</b> 24'59      |            |
|                     |                             |                      |                  |                          | -661 Oct 07 j 07:37       | 0∘ <b>रु</b>            |            |
| superior conj       | -662 Nov 08 j 11:44         | 9°M36'40             | -0°52'00         | desc. node               | -661 Oct 18 j 03:12       | 17° <b>≏</b> 24'24      |            |
| minimum elong       | -662 Nov 08 j 05:14         | 9°M11'06             | 0°51'12          |                          |                           |                         |            |
|                     | -662 Nov 21 j 07:39         | 0° <b>∡</b> 7        |                  | superior conj            | -661 Oct 18 j 13:30       | 18° <b>≏</b> 05'14      | -0°02'50   |
| evening rise        | -662 Nov 24 j 00:03         | 4° <b>∤</b> 19'18    |                  | minimum elong            | -661 Oct 18 j 13:08       | 18° <b>≙</b> 03'46      | 0°02'46    |
|                     |                             |                      |                  |                          |                           |                         |            |

| •                                 | •  |                        | •                 |                  | 901 BCE in historical cou                  |                                     | ge 129      |
|-----------------------------------|--|------------------------|-------------------|------------------|--|-------------------------------------|-------------|
| behind sun begin                  | -661 Oct 18 j 02:13                        | 17° <b>£</b> 20′29     | astronomicai coui | max. Earth dist. | -660 Oct 03 j 01:09                        | 6° <b>£</b> 39'04                   | 1.44149 AU  |
| behind sun end                    |  |                        |                   | desc. node       | -660 Oct 04 j 00:14                        | 8° <b>£</b> 11'04                   | 1.44149 AU  |
|                                   | -661 Oct 19 j 00:03                        | 18° <b>£</b> 47'01     | 1 44001 ATT       |                  | J  |                                     |             |
| max. Earth dist.                  | -661 Oct 21 j 08:08                        | 22° <b>Ω</b> 28'28     | 1.44891 AU        | evening rise     | -660 Oct 13 j 09:53                        | 22° <b>£</b> 53'24<br>0° <b>I</b> L |             |
|                                   | -661 Oct 26 j 03:10                        | 0°M                    |                   |                  | -660 Oct 18 j 01:15                        |                                     |             |
| evening rise                      | -661 Nov 04 j 01:10                        | 13°M55'28              |                   | ·                | -660 Nov 08 j 02:47                        | 0° ∡7<br>20. <b>7</b> 122140        | 20022146    |
| 1 :11:                            | -661 Nov 14 j 09:54                        | 0° ⊀ <sup>7</sup>      | 0.7               | evening max el   | -660 Nov 10 j 10:03                        | 2° 🗷 32'49                          | 20°32'46    |
| greatest brilliancy               | -661 Nov 15 j 21:20                        | 2° 🖈 15'06             | -0.7m             | retrograde       | -660 Nov 18 j 11:38                        | 7°×18'28                            |             |
| evening max el                    | -661 Nov 28 j 07:20                        | 19° <b>∡</b> 705′05    | 19°32'35          | asc. node        | -660 Nov 20 j 20:54                        | 6° <b>₹</b> 45'59                   |             |
| asc. node                         | -661 Dec 04 j 23:51                        | 23° 🖈 16'22            |                   | evening set      | -660 Nov 22 j 07:24                        | 5° <b>₹</b> '54'12                  | 2011150     |
| retrograde                        | -661 Dec 05 j 14:06                        | 23° 🖈 18'22            |                   | inferior conj    | -660 Nov 27 j 17:23                        | 29°M46'26                           | 2°11'58     |
| evening set                       | -661 Dec 09 j 00:47                        | 22° <b>х</b> 08'54     | 20.52120          | minimum elong    | -660 Nov 27 j 14:49                        | 29°M55'10                           | 2°11'05     |
| inferior conj                     | -661 Dec 14 j 13:56                        | 16° <b>₹</b> 12'38     | 2°52'38           | t was at the     | -660 Nov 27 j 13:23                        | 30°RM.                              | 0.67104.477 |
| minimum elong                     | -661 Dec 14 j 11:05                        | 16° <b>∡</b> 21′57     | 2°51'51           | min. Earth dist. | -660 Nov 28 j 08:35                        | 28° <b>™</b> 54'51                  | 0.67104 AU  |
| min. Earth dist.                  | -661 Dec 15 j 17:42                        | 14° <b>∡</b> ′42′08    | 0.66325 AU        | morning rise     | -660 Dec 02 j 22:02                        | 23°M32'47                           |             |
| morning rise                      | -661 Dec 19 j 21:08                        | 10° <b>∡</b> 00'37     |                   | direct           | -660 Dec 08 j 11:36                        | 21°ML05'51                          |             |
| direct                            | -661 Dec 26 j 01:16                        | 7° <b>∡</b> 16'47      |                   | morning max el   | -660 Dec 19 j 18:01                        | 27° <b>™</b> 49'05                  | 24°28'34    |
| morning max el                    | -660 Jan 07 j 09:44                        | 14° <b>∡</b> ³35'59    | 25°50'34          |                  | -660 Dec 21 j 19:38                        | 0° <b>∡</b> 7                       |             |
| desc. node                        | -660 Jan 14 j 02:28                        | 22° <b>√</b> 11'17     |                   | desc. node       | -660 Dec 30 j 23:29                        | 11° <b>₹</b> '21'04                 |             |
|                                   | -660 Jan 20 j 00:56                        | 0°ಕ                    |                   |                  | -659 Jan 12 j 18:09                        | 0°ප                                 |             |
|                                   | -660 Feb 08 j 04:09                        | 0° <b>≈</b>            |                   | morning set      | -659 Jan 24 j 17:17                        | 19° <b>る</b> 45'57                  |             |
| morning set                       | -660 Feb 12 j 15:53                        | 8° <b>≈</b> 03'10      |                   | max. Earth dist. | -659 Jan 28 j 09:51                        | 26° <b>る</b> 20'30                  | 1.37683 AU  |
| max. Earth dist.                  | -660 Feb 16 j 12:42                        | 15° <b>≈</b> 19'07     | 1.35782 AU        |                  | -659 Jan 30 j 09:47                        | 0° <b>≈</b>                         |             |
|                                   |  |                        |                   |                  |  |                                     |             |
| superior conj                     | -660 Feb 21 j 22:15                        | 25° <b>≈</b> 56'55     | -1°23'30          | superior conj    | -659 Feb 04 j 06:01                        | 9° <b>≈</b> 09'33                   | -1°43'59    |
| minimum elong                     | -660 Feb 22 j 01:51                        | 26° <b>≈</b> 15′03     | 1°23'00           | minimum elong    | -659 Feb 04 j 09:38                        | 9° <b>≈</b> 27'02                   | 1°43'39     |
|                                   | -660 Feb 23 j 22:10                        | 0° <b>)</b> €          |                   | evening rise     | -659 Feb 12 j 21:04                        | 26° <b>≈</b> 11'14                  |             |
| evening rise                      | -660 Feb 29 j 20:42                        | 12° <b>)</b> 11′14     |                   |                  | -659 Feb 14 j 19:29                        | 0° <b>∀</b>                         |             |
| asc. node                         | -660 Mar 01 j 23:11                        | 14° <b>)</b> € 25'43   |                   | asc. node        | -659 Feb 16 j 20:13                        | 3° <b>¥</b> 55′28                   |             |
|                                   | -660 Mar 10 j 07:14                        | $0^{\circ}$ $\Upsilon$ |                   | evening max el   | -659 Mar 01 j 15:48                        | 23° <b>¥</b> 18′18                  | 19°09'54    |
| evening max el                    | -660 Mar 18 j 21:36                        | 11° <b>Y</b> 21'12     | 20°09'34          | retrograde       | -659 Mar 10 j 10:52                        | 27° <b>¥</b> 31'47                  |             |
| retrograde                        | -660 Mar 29 j 08:03                        | 16° <b>Ƴ</b> 21'09     |                   | evening set      | -659 Mar 12 j 16:53                        | 27° <b>¥</b> 16′24                  |             |
| evening set                       | -660 Mar 31 j 11:13                        | 16° <b>Ƴ</b> 09'33     |                   | inferior conj    | -659 Mar 20 j 21:24                        | 23° <b>¥</b> 05′10                  | 2°08'32     |
| inferior conj                     | -660 Apr 09 j 09:49                        | 12° <b>Ƴ</b> 10'41     | 0°28'13           | minimum elong    | -659 Mar 21 j 01:43                        | 22° <b>¥</b> 57'47                  | 2°07'17     |
| minimum elong                     | -660 Apr 09 j 11:04                        | 12° <b>Ƴ</b> 08'48     | 0°27'46           | min. Earth dist. | -659 Mar 23 j 21:31                        | 21° <b>¥</b> 03′06                  | 0.56669 AU  |
| desc. node                        | -660 Apr 11 j 01:40                        | 11° <b>Y</b> 11'09     |                   | desc. node       | -659 Mar 28 j 22:40                        | 18° <b>)</b> 17'44                  |             |
| min. Earth dist.                  | -660 Apr 11 j 06:12                        | 11° <b>Y</b> ′04'27    | 0.55412 AU        | morning rise     | -659 Mar 29 j 07:38                        | 18° <b>¥</b> 08'59                  |             |
| morning rise                      | -660 Apr 18 j 09:02                        | 7° <b>Ƴ</b> 46'39      |                   | direct           | -659 Apr 03 j 06:48                        | 17° <b>)</b> 11'33                  |             |
| direct                            | -660 Apr 22 j 05:05                        | 7° <b>Y</b> 14'25      |                   | morning max el   | -659 Apr 17 j 12:00                        | 24° <b>H</b> 29'54                  | 25°23'26    |
| morning max el                    | -660 May 05 j 21:24                        | 13° <b>Y</b> ′59'19    | 23°45'51          | morning max or   | -659 Apr 22 j 12:58                        | 0° <b>Υ</b>                         | 23 23 20    |
| morning max or                    | -660 May 18 j 06:44                        | 0.8                    | 23 1331           |                  | -659 May 11 j 01:01                        | 0°8                                 |             |
| asc. node                         | -660 May 28 j 22:28                        | 19° <b>8</b> 53'28     |                   | morning set      | -659 May 14 j 10:19                        | 6° <b>8</b> 57'47                   |             |
| morning set                       | -660 May 29 j 22:24                        | 21° <b>8</b> 58'24     |                   | asc. node        | -659 May 15 j 19:30                        | 9° <b>8</b> 53'49                   |             |
| morning set                       | -660 Jun 02 j 16:38                        | 0° <b>Ⅱ</b>            |                   | asc. node        | -037 Way 13 j 17.30                        | 7 03347                             |             |
|                                   | -000 Juli 02 j 10.38                       | ОД                     |                   | superior conj    | -659 May 21 j 10:14                        | 22° <b>8</b> 05'31                  | 0°56'11     |
| superior conj                     | -660 Jun 05 j 23:57                        | 7° <b>Ⅱ</b> 08'05      | 1°15'54           | minimum elong    | -659 May 21 j 08:04                        | 21° <b>8</b> 53'41                  | 0°55'47     |
|                                   | •  | 6° <b>Ⅱ</b> 54'34      | 1°15'31           | max. Earth dist. |  | 24° <b>8</b> 18'53                  | 1.32758 AU  |
| minimum elong<br>max. Earth dist. | -660 Jun 05 j 21:26<br>-660 Jun 08 j 02:05 | 11° <b>П</b> 36'21     | 1.33468 AU        | max. Earth dist. | -659 May 22 j 10:42                        | 0°Ⅱ                                 | 1.32/38 AU  |
| evening rise                      | -660 Jun 13 j 11:17                        | 22° <b>∏</b> 45'19     | 1.33406 AU        | evening rise     | -659 May 25 j 01:51<br>-659 May 28 j 13:17 | 0 Ⅱ<br>7°Ⅱ18'23                     |             |
| evening rise                      |  | 0°9                    |                   | evening rise     | • •  | 7 <b>п</b> 1823                     |             |
|                                   | -660 Jun 17 j 04:10                        | 0° <b>U</b>            |                   | 4 4.             | -659 Jun 09 j 15:52                        |                                     |             |
| 1 1                               | -660 Jul 05 j 10:12                        |                        |                   | desc. node       | -659 Jun 24 j 21:59                        | 21°5645'27                          | 2701717     |
| desc. node                        | -660 Jul 08 j 00:58                        | 3° <b>Ω</b> 30′20      | 27024120          | evening max el   | -659 Jun 29 j 10:53                        | 26°©32'33                           | 2/1010      |
| evening max el                    | -660 Jul 17 j 02:53                        | 13° <b>Ω</b> 49'53     | 27°24'28          |                  | -659 Jul 03 j 13:02                        | 0°N                                 |             |
| retrograde                        | -660 Jul 30 j 17:45                        | 21°Ω10'28              |                   | retrograde       | -659 Jul 13 j 07:23                        | 3° <b>Ω</b> 50′38                   |             |
| evening set                       | -660 Aug 06 j 21:43                        | 18° <b>Ω</b> 28'57     |                   | evening set      | -659 Jul 20 j 10:33                        | 1° <b>Ω</b> 27'20                   |             |
| min. Earth dist.                  | -660 Aug 10 j 13:06                        | 15° <b>Ω</b> 13'25     |                   | t was at the     | -659 Jul 22 j 10:02                        | 30°Rூ                               | 0.60055.444 |
| inferior conj                     | -660 Aug 13 j 01:42                        | 12° <b>Ω</b> 36'06     |                   | min. Earth dist. | -659 Jul 24 j 00:48                        | 28°537'40                           | 0.62057 AU  |
| minimum elong                     | -660 Aug 13 j 06:17                        | 12° <b>Ω</b> 24'10     | 3°29'51           | inferior conj    | -659 Jul 27 j 01:29                        | 25° <b>©</b> 50'07                  |             |
| morning rise                      | -660 Aug 19 j 15:50                        | 7° <b>Ω</b> 15'43      |                   | minimum elong    | -659 Jul 27 j 05:40                        | 25°5540'28                          | 4°11'12     |
| direct                            | -660 Aug 22 j 06:15                        | 6° <b>Ω</b> 42'06      |                   | morning rise     | -659 Aug 03 j 02:09                        | 20°5549'18                          |             |
| asc. node                         | -660 Aug 24 j 21:40                        | 7° <b>Ω</b> 17'10      |                   | direct           | -659 Aug 05 j 14:15                        | 20°521'56                           |             |
| morning max el                    | -660 Aug 28 j 19:20                        | 10° <b>Ω</b> 08'12     | 17°56'18          | asc. node        | -659 Aug 11 j 18:41                        | 23° <b>©</b> 12'30                  |             |
|                                   | -660 Sep 11 j 04:01                        | 0° <b>m</b> ∕          |                   | morning max el   | -659 Aug 12 j 10:08                        | 23° <b>5</b> 548'44                 | 17°55'33    |
| morning set                       | -660 Sep 14 j 18:34                        | 6° Mp 12′54            |                   |                  | -659 Aug 17 j 09:12                        | $0$ $\circ$ $\Omega$                |             |
|                                   |  |                        |                   | morning set      | -659 Aug 28 j 11:57                        | 19° <b>Ω</b> 00'45                  |             |
| superior conj                     | -660 Sep 27 j 09:02                        | 27° <b>m</b> 28'48     | 0°42'51           |                  | -659 Sep 03 j 14:49                        | 0° <b>™</b>                         |             |
| minimum elong                     | -660 Sep 27 j 13:22                        | 27° <b>m</b> 46'33     | 0°42'17           |                  |  |                                     |             |
|                                   | -660 Sep 28 j 22:05                        | 0∘ <b>⊽</b>            |                   | superior conj    | -659 Sep 08 j 07:47                        | 8° <b>m</b> ) 13'18                 | 1°16'51     |
|                                   |  |                        |                   |                  |  |                                     |             |

| -                   | -                   |                                 |            |                           | 001 BCE in historical cou |                                  | 30 130      |
|---------------------|---------------------|---------------------------------|------------|---------------------------|---------------------------|----------------------------------|-------------|
| minimum elong       | -659 Sep 08 j 12:45 | 8° <b>m</b> ) 34'39             |            | iting style is the year y | -658 Aug 26 j 20:25       | 0° <b>m</b> )                    |             |
| max. Earth dist.    | -659 Sep 15 j 14:24 | 20° m 25'53                     | 1.42791 AU | max. Earth dist.          | -658 Aug 28 j 22:08       | 3° <b>m</b> ) 33'20              | 1.40987 AU  |
| desc. node          | -659 Sep 20 j 21:18 | 28° Mp 56'57                    | 1.42/71 AU | evening rise              | -658 Sep 02 j 20:45       | 11° <b>m</b> ) 47'25             | 1.40767 AC  |
| desc. node          | -659 Sep 21 j 13:14 | 0° <b>⊽</b>                     |            | desc. node                | -658 Sep 07 j 18:20       | 19° <b>m</b> <sub>2</sub> 38'09  |             |
| evening rise        | -659 Sep 22 j 18:50 | 0 <b>—</b><br>1° <b>Ω</b> 56'29 |            | dese. Hode                | -658 Sep 14 j 12:43       | 0₀ <b>ʊ</b>                      |             |
| evening rise        | -659 Oct 11 j 14:06 | 0°M                             |            | evening max el            | -658 Oct 06 j 22:38       | 0 <b>=</b><br>29° <b>£</b> 31'08 | 23°03'13    |
| evening max el      | -659 Oct 24 j 06:59 | 16°M01'23                       | 21044'26   | evening max er            | -658 Oct 00 j 22:38       | 0°M₁                             | 23 03 13    |
| retrograde          | -659 Nov 02 j 08:11 | 21°M24'07                       | 21 44 20   | retrograde                | -658 Oct 17 j 02:19       | 5°M32'21                         |             |
| evening set         | -659 Nov 06 j 15:09 | 19°M42'59                       |            | evening set               | -658 Oct 21 j 22:19       | 3°M33'01                         |             |
| asc. node           | -659 Nov 07 j 17:54 | 18°M43'09                       |            | evening set               | -658 Oct 25 j 04:53       | 30°R <u>₽</u>                    |             |
| inferior conj       | -659 Nov 11 j 23:34 | 13°M27'00                       | 1°25'14    | asc. node                 | -658 Oct 25 j 14:56       | 29° <b>₽</b> 27'15               |             |
| minimum elong       | -659 Nov 11 j 21:43 | 13°M33'23                       | 1°24'30    | inferior conj             | -658 Oct 27 j 06:38       | 27° <b>⊆</b> 12'24               | 0°34'06     |
| min. Earth dist.    | -659 Nov 12 j 03:28 | 13°M13'30                       | 0.67533 AU | minimum elong             | -658 Oct 27 j 05:50       | 27° <b>⊆</b> 15'08               | 0°33'44     |
| morning rise        | -659 Nov 17 j 04:08 | 7°M13'57                        | 0.07333710 | min. Earth dist.          | -658 Oct 27 j 00:01       | 27° <b>⊆</b> 35'10               | 0.67626 AU  |
| direct              | -659 Nov 22 j 02:28 | 5°M08'36                        |            | morning rise              | -658 Nov 01 j 13:15       | 21° <b>⊆</b> 02'13               | 0.07020 AC  |
| morning max el      | -659 Dec 02 j 03:31 | 11°M06'44                       | 23°00'57   | direct                    | -658 Nov 05 j 20:57       | 19° <b>₽</b> 19'30               |             |
| morning max er      | -659 Dec 17 j 02:37 | 0° <b>⊼</b>                     | 25 00 57   | morning max el            | -658 Nov 14 j 17:44       | 24° <b>≙</b> 32'10               | 21°36'30    |
| desc. node          | -659 Dec 17 j 20:31 | 1° <b>×</b> <sup>7</sup> 03'48  |            | morning max cr            | -658 Nov 19 j 13:06       | 0°M                              | 21 30 30    |
| morning set         | -658 Jan 05 j 16:25 | 0° <b>ろ</b> 09'08               |            | desc. node                | -658 Dec 04 j 17:35       | 21°ML10'13                       |             |
| morning set         | -658 Jan 05 j 14:13 | 0°る                             |            | dese. Hode                | -658 Dec 10 j 13:36       | 0° <b>√</b>                      |             |
| max. Earth dist.    | -658 Jan 10 j 05:12 |                                 | 1.39797 AU | morning set               | -658 Dec 16 j 10:38       | 9° <b>×</b> 10'30                |             |
| max. Earth dist.    | -036 Jan 10 J 03.12 | / 04914                         | 1.39797 AU | max. Earth dist.          | -658 Dec 23 j 05:50       | 20° <b>х</b> 1030                | 1.41831 AU  |
| superior conj       | -658 Jan 17 j 22:32 | 21° <b>ප</b> 33'58              | 1057137    | max. Earm dist.           | -658 Dec 29 j 01:30       | 20×1113<br>0°る                   | 1.41631 AU  |
| minimum elong       | -658 Jan 18 j 00:43 | 21° <b>る</b> 44'01              |            |                           | -036 DCC 29 J 01.30       | 0 0                              |             |
| minimum clong       | -658 Jan 22 j 11:01 | 0°≈                             | 1 3/2)     | superior conj             | -658 Dec 30 j 18:33       | 2° <b>る</b> 57'32                | -2°00'19    |
| evening rise        | -658 Jan 27 j 12:41 | 0 <b>~</b><br>9° <b>≈</b> 40'23 |            | minimum elong             | -658 Dec 30 j 17:18       | 2°る52'07                         |             |
| asc. node           | -658 Feb 03 j 17:14 | 23°≈00'48                       |            | evening rise              | -657 Jan 10 j 16:07       | 22° <b>る</b> 31'26               | 2 00 17     |
| asc. node           | -658 Feb 08 j 01:12 | 0° <b>)</b> €                   |            | evening rise              | -657 Jan 14 j 18:34       | 0° <b>≈</b>                      |             |
| evening max el      | -658 Feb 12 j 18:51 | 5° <b>)</b> 48′02               | 18°30'04   | asc. node                 | -657 Jan 21 j 14:16       | 0 <b>~</b><br>11° <b>≈</b> 34'16 |             |
| retrograde          | -658 Feb 20 j 08:30 | 9° <b>)</b> (30'43              | 10 30 04   | evening max el            | -657 Jan 27 j 03:56       | 18°≈42'52                        | 18°10'13    |
| evening set         | -658 Feb 22 j 19:25 | 9° <b>\</b> 08'33               |            | retrograde                | -657 Feb 02 j 23:49       | 22°≈10'43                        | 10 10 15    |
| inferior conj       | -658 Mar 02 j 05:34 | 4° <b>)</b> (37'32              | 3°14'14    | evening set               | -657 Feb 05 j 15:08       | 21° <b>≈</b> 40'17               |             |
| minimum elong       | -658 Mar 02 j 09:21 |                                 | 3°13'31    | inferior conj             | -657 Feb 12 j 09:56       | 16° <b>≈</b> 48'01               | 3°46'12     |
| min. Earth dist.    | -658 Mar 05 j 15:41 | 1° <b>)</b> 55'23               | 0.58514 AU | minimum elong             | -657 Feb 12 j 11:30       | 16°≈44'22                        | 3°46'04     |
| iiiii. Lartii dist. | -658 Mar 08 j 10:52 | 30°R≈                           | 0.30314710 | min. Earth dist.          | -657 Feb 15 j 15:57       | 13° <b>≈</b> 49'01               | 0.60597 AU  |
| morning rise        | -658 Mar 09 j 20:46 | 29°≈12'45                       |            | morning rise              | -657 Feb 19 j 06:09       | 11° <b>≈</b> 03'08               | 0.002577110 |
| direct              | -658 Mar 15 j 21:35 | 27°≈39'22                       |            | direct                    | -657 Feb 25 j 23:58       | 8°≈52'36                         |             |
| desc. node          | -658 Mar 15 j 19:42 | 27°≈39'23                       |            | desc. node                | -657 Mar 02 j 16:44       | 9° <b>≈</b> 51'02                |             |
| desc. node          | -658 Mar 23 j 13:14 | 0° <b>∀</b>                     |            | morning max el            | -657 Mar 12 j 05:20       | 16° <b>≈</b> 40'01               | 27°33'11    |
| morning max el      | -658 Mar 30 j 05:31 | 5° <b>)</b> 16′25               | 26°43'32   | morning mun vi            | -657 Mar 23 j 05:27       | 0° <b>∀</b>                      | 2, 33 11    |
|                     | -658 Apr 17 j 09:48 | 0°Υ                             |            |                           | -657 Apr 09 j 22:03       | 0° <b>Υ</b>                      |             |
| morning set         | -658 Apr 28 j 20:51 | 21° <b>Υ</b> 51'55              |            | morning set               | -657 Apr 13 j 04:12       | 6° <b>Ƴ</b> 34'37                |             |
| asc. node           | -658 May 02 j 16:32 | 0° <b>8</b> 01'53               |            | max. Earth dist.          | -657 Apr 19 j 11:45       | 20° <b>Y</b> ′03'12              | 1.32420 AU  |
|                     | -658 May 02 j 16:12 | 0°8                             |            | asc. node                 | -657 Apr 19 j 13:36       | 20° <b>Y</b> 13′22               |             |
|                     | ,,,                 |                                 |            |                           | r . j                     |                                  |             |
| superior conj       | -658 May 05 j 21:53 | 7° <b>8</b> 05'00               | 0°33'31    | superior conj             | -657 Apr 20 j 09:15       | 22° <b>Y</b> ′00'48              | 0°08'40     |
| minimum elong       | -658 May 05 j 20:27 | 6° <b>8</b> 57'09               | 0°33'13    | minimum elong             | -657 Apr 20 j 08:52       | 21° <b>Y</b> 58'39               | 0°08'36     |
| max. Earth dist.    | -658 May 05 j 23:12 | 7° <b>8</b> 12'13               | 1.32409 AU | behind sun begin          | -657 Apr 20 j 04:36       | 21° <b>Y</b> '35'20              |             |
| evening rise        | -658 May 12 j 20:38 | 22° <b>8</b> 05'52              |            | behind sun end            | -657 Apr 20 j 13:07       | 22° <b>Y</b> 21'59               |             |
| -                   | -658 May 16 j 17:42 | $\Pi^{\circ}0$                  |            |                           | -657 Apr 24 j 00:54       | 0° <b>႘</b>                      |             |
|                     | -658 Jun 03 j 23:43 | 0°ಲ                             |            | evening rise              | -657 Apr 27 j 07:10       | 7° <b>8</b> 00'11                |             |
| evening max el      | -658 Jun 11 j 13:07 | 8° <b>©</b> 32'48               | 26°34'59   |                           | -657 May 09 j 09:14       | $\Pi^{\circ}$ 0                  |             |
| desc. node          | -658 Jun 11 j 19:00 | 8°\$346'44                      |            | evening max el            | -657 May 24 j 08:25       | 19° <b>Ⅱ</b> 47'45               | 25°24'10    |
| retrograde          | -658 Jun 25 j 13:04 | 15° <b>©</b> 47'58              |            | desc. node                | -657 May 29 j 16:00       | 24° <b>Ⅱ</b> 04'18               |             |
| evening set         | -658 Jul 02 j 04:24 | 13° <b>©</b> 55'47              |            | retrograde                | -657 Jun 07 j 09:24       | 26° <b>Ⅱ</b> 58′08               |             |
| min. Earth dist.    | -658 Jul 06 j 02:23 | 11° <b>©</b> 17'42              | 0.60041 AU | evening set               | -657 Jun 12 j 23:44       | 25° <b>Ⅱ</b> 44'45               |             |
| inferior conj       | -658 Jul 09 j 10:24 | 8° <b>©</b> 36'50               | -4°37'16   | min. Earth dist.          | -657 Jun 17 j 20:18       | 23° <b>II</b> 00'11              | 0.58009 AU  |
| minimum elong       | -658 Jul 09 j 12:24 | 8° <b>©</b> 32'48               | 4°37'08    | inferior conj             | -657 Jun 21 j 00:57       | 20° <b>Ⅱ</b> 46'42               | -4°36'48    |
| morning rise        | -658 Jul 16 j 22:21 | 3° <b>9</b> 58'13               |            | minimum elong             | -657 Jun 20 j 22:52       | 20° <b>Ⅲ</b> 50′22               | 4°36'39     |
| direct              | -658 Jul 19 j 10:15 | 3° <b>©</b> 35'12               |            | morning rise              | -657 Jun 29 j 00:42       | 16° <b>Ⅲ</b> 30′24               |             |
| morning max el      | -658 Jul 26 j 21:15 | 7° <b>©</b> 12'13               | 18°14'08   | direct                    | -657 Jul 01 j 13:40       | 16° <b>Ⅱ</b> 10'36               |             |
| asc. node           | -658 Jul 29 j 15:44 | 10° <b>©</b> 17'22              |            | morning max el            | -657 Jul 10 j 01:44       | 20° <b>Ⅱ</b> 10′09               | 18°53'09    |
|                     | -658 Aug 10 j 12:07 | $0^{\circ}\Omega$               |            | asc. node                 | -657 Jul 16 j 12:49       | 28° <b>Ⅲ</b> 17′11               |             |
| morning set         | -658 Aug 11 j 20:23 | 2° <b>Ω</b> 32'07               |            |                           | -657 Jul 17 j 14:49       | 0ංම                              |             |
|                     |                     |                                 |            | morning set               | -657 Jul 26 j 15:36       | 16°535'47                        |             |
| superior conj       | -658 Aug 21 j 08:03 | 20° <b>Ω</b> 13'30              | 1°37'36    |                           | -657 Aug 02 j 11:52       | $0$ $^{\circ}$ $\Omega$          |             |
| minimum elong       | -658 Aug 21 j 11:15 | 20° <b>£</b> 28′03              | 1°37'23    |                           |                           |                                  |             |
|                     |                     |                                 |            |                           |                           |                                  |             |

| -                         | nical year style is used: The              |   |            |                  |  |   | 50 131     |
|---------------------------|--|---|------------|------------------|--|---|------------|
| superior conj             | -657 Aug 04 j 04:21                        | 3° <b>Ω</b> 14'13                                       |            | superior conj    | -656 Jul 17 j 15:18                        | 17° <b>©</b> 00'04                      | 1°46'22    |
| minimum elong             | -657 Aug 04 j 05:19                        | 3° <b>Ω</b> 18'49                                       | 1°46'39    | minimum elong    | -656 Jul 17 j 14:27                        | 16°955'48                               | 1°46'21    |
| max. Earth dist.          | -657 Aug 11 j 01:21                        | 15° <b>Ω</b> 56'30                                      | 1.38983 AU | max. Earth dist. | -656 Jul 23 j 05:04                        | 27°549'59                               | 1.37041 AU |
| evening rise              | -657 Aug 14 j 23:27                        | 22° <b>Ω</b> 48′30                                      |            |                  | -656 Jul 24 j 08:46                        | $0^{\circ}\Omega$                       |            |
|                           | -657 Aug 19 j 06:10                        | 0° <b>m</b>   |            | evening rise     | -656 Jul 27 j 01:55                        | 4° <b>Ω</b> 59'03                       |            |
| desc. node                | -657 Aug 25 j 15:22                        | 10° <b>m</b> 10'36                                      |            |                  | -656 Aug 11 j 04:32                        | 0° <b>m</b>                             |            |
|                           | -657 Sep 08 j 09:51                        | 0∘ <b>ত</b>   |            | desc. node       | -656 Aug 11 j 12:23                        | 0° <b>т</b> 29'34                       |            |
| evening max el            | -657 Sep 19 j 10:54                        | 13° <b>≏</b> 03′28                                      | 24°23'09   | evening max el   | -656 Aug 31 j 22:16                        | 26° <b>™</b> 39'39                      | 25°36'56   |
| retrograde                | -657 Sep 30 j 16:56                        | 19° <b>≏</b> 39'02                                      |            |                  | -656 Sep 04 j 16:59                        | 0∘ <b>ಹ</b>                             |            |
| evening set               | -657 Oct 06 j 03:13                        | 17° <b>≏</b> 21'41                                      |            | retrograde       | -656 Sep 13 j 03:07                        | 3° <b>≏</b> 40'10                       |            |
| min. Earth dist.          | -657 Oct 10 j 19:49                        |   | 0.67405 AU | evening set      | -656 Sep 19 j 04:02                        | 1° <b>≏</b> 07'11                       |            |
| inferior conj             | -657 Oct 11 j 12:49                        | 11° <b>⊆</b> 00'15                                      |            |                  | -656 Sep 20 j 08:40                        | 30°R Mp                                 |            |
| minimum elong             | -657 Oct 11 j 13:18                        | 10° <b>≙</b> 58'36                                      | 0°19'50    | min. Earth dist. | -656 Sep 23 j 12:32                        | -                                       | 0.66865 AU |
| asc. node                 | -657 Oct 12 j 12:00                        | 9° <b>£</b> 43'01                                       |            | inferior conj    | -656 Sep 24 j 16:25                        | 24° m/48'58                             |            |
| morning rise              | -657 Oct 16 j 23:26                        | 4° <b>£</b> 55'27                                       |            | minimum elong    | -656 Sep 24 j 18:18                        | 24° m/42'54                             | 1°14'45    |
| direct                    | -657 Oct 20 j 18:05                        | 3° <b>£</b> 33'43                                       | 20021121   | asc. node        | -656 Sep 28 j 09:04                        | 20° m 29'19                             |            |
| morning max el            | -657 Oct 28 j 15:05                        |   | 20°21'31   | morning rise     | -656 Sep 30 j 08:46                        | 18° Mp 52'22                            |            |
| dasa mada                 | -657 Nov 13 j 23:24                        | 0° <b>ጤ</b><br>11° <b>ጤ</b> 32'52                       |            | direct           | -656 Oct 03 j 16:30                        | 17° m/48'33<br>21° m/51'24              | 10020100   |
| desc. node<br>morning set | -657 Nov 21 j 14:37<br>-657 Nov 25 j 09:00 | 17°M20'56   |            | morning max el   | -656 Oct 10 j 19:53                        | 21°11(31°24<br>0° <b>Ω</b>              | 19-20 00   |
| morning set               | -657 Dec 03 j 10:27                        | 17 II62036<br>0° <b>√</b> 7                             |            | morning set      | -656 Oct 17 j 09:52<br>-656 Nov 03 j 10:54 | 0 <b>≗</b><br>25° <b>£</b> 49'59        |            |
| max. Earth dist.          | -657 Dec 05 j 13:40                        |   | 1.43504 AU | morning set      | -656 Nov 06 j 03:04                        | 23 <b>==</b> 4939<br>0° <b>M</b>        |            |
| max. Earm dist.           | -03 / Dec 03 J 13.40                       | 3 X·2446  | 1.45504 AU | desc. node       | -656 Nov 07 j 11:41                        | 2°ML07'13                               |            |
| superior conj             | -657 Dec 11 j 12:52                        | 13° <b>∡</b> 07'54                                      | 1047143    | max. Earth dist. | -656 Nov 17 j 03:50                        | 17°ML17'56                              | 1.44608 AU |
| minimum elong             | -657 Dec 11 j 06:56                        | 13 × 07 34<br>12° × 43'26                               |            | max. Earth dist. | -030 NOV 17 J 03.30                        | 1/ 1161/30                              | 1.44008 AU |
| minimum clong             | -657 Dec 21 j 11:53                        | 0°る   | 1 4/20     | superior conj    | -656 Nov 20 j 05:01                        | 22°M08'01                               | -1°16'59   |
| evening rise              | -657 Dec 24 j 03:07                        | 4° <b>♂</b> 34'48                                       |            | minimum elong    | -656 Nov 19 j 20:56                        | 21°M35'55                               |            |
| asc. node                 | -656 Jan 08 j 11:19                        | 29° <b>ට</b> 25'25                                      |            | minimum ciong    | -656 Nov 25 j 02:54                        | 0°×7                                    | 1 1000     |
| use. Houe                 | -656 Jan 08 j 22:39                        | 0°≈   |            | evening rise     | -656 Dec 04 j 17:19                        | 15° <b>х</b> 42'46                      |            |
| evening max el            | -656 Jan 10 j 16:02                        | 1°≈54'10  | 18°09'56   | 0.0000           | -656 Dec 13 j 08:42                        | 0°ਰ                                     |            |
| retrograde                | -656 Jan 17 j 04:28                        | 5°≈20'46  |            | evening max el   | -656 Dec 24 j 04:24                        | 15° <b>♂</b> 15'34                      | 18°28'24   |
| evening set               | -656 Jan 19 j 23:58                        | 4°≈41'05  |            | asc. node        | -656 Dec 25 j 08:22                        | 16° <b>පි</b> 22'01                     |            |
| C                         | -656 Jan 25 j 18:48                        | 30°₹ <b>⋜</b>   |            | retrograde       | -656 Dec 30 j 18:03                        | 18° <b>る</b> 52'27                      |            |
| inferior conj             | -656 Jan 26 j 06:55                        | 29° <b>පි</b> 28'21                                     | 3°51'58    | evening set      | -655 Jan 02 j 18:25                        | 18° <b>る</b> 02'20                      |            |
| minimum elong             | -656 Jan 26 j 06:18                        | 29° <b>る</b> 29'59                                      | 3°51'56    | inferior conj    | -655 Jan 08 j 16:32                        | 12° <b>る</b> 30'48                      | 3°38'54    |
| min. Earth dist.          | -656 Jan 29 j 00:47                        | 26° <b>පි</b> 36'16                                     | 0.62611 AU | minimum elong    | -655 Jan 08 j 14:26                        | 12° <b>る</b> 36'53                      | 3°38'37    |
| morning rise              | -656 Feb 01 j 11:36                        | 23° <b>る</b> 31'06                                      |            | min. Earth dist. | -655 Jan 10 j 19:17                        | 10° <b>る</b> 03'33                      | 0.64353 AU |
| direct                    | -656 Feb 08 j 11:52                        | 20° <b>る</b> 52'37                                      |            | morning rise     | -655 Jan 14 j 09:57                        | 6° <b>る</b> 25'55                       |            |
| desc. node                | -656 Feb 17 j 13:47                        | 24° <b>る</b> 29'59                                      |            | direct           | -655 Jan 21 j 07:17                        | 3°₹34'26                                |            |
| morning max el            | -656 Feb 22 j 10:50                        | 28° <b>る</b> 44'10                                      | 27°46'16   | desc. node       | -655 Feb 03 j 10:51                        | 11° <b>る</b> 00'10                      |            |
|                           | -656 Feb 23 j 16:36                        | 0° <b>≈</b>   |            | morning max el   | -655 Feb 03 j 19:37                        | 11° <b>る</b> 21'51                      | 27°23'38   |
|                           | -656 Mar 16 j 00:57                        | 0° <b>∀</b>   |            |                  | -655 Feb 18 j 15:32                        | 0° <b>≈</b>                             |            |
| morning set               | -656 Mar 27 j 06:14                        | 20° <b>)</b> 58′04                                      |            |                  | -655 Mar 08 j 11:24                        | 0° <b>∀</b>                             |            |
|                           | -656 Mar 31 j 14:46                        | 0° <b>Υ</b>   |            | morning set      | -655 Mar 11 j 00:11                        | 4° <b>)</b> 53′23                       |            |
| max. Earth dist.          | -656 Apr 01 j 20:18                        | 2° <b>Ƴ</b> 37'14                                       | 1.32808 AU | max. Earth dist. | -655 Mar 15 j 20:59                        | 14° <b>) (</b> 42′43                    | 1.33613 AU |
|                           | 6564 02:40.40                              | 600046150   | 0015100    |                  | (55.) ( 10:00.14                           | 212)/15100                              | 0044106    |
| superior conj             | -656 Apr 03 j 18:40                        | 6°Υ46'53  |            | superior conj    | -655 Mar 19 j 00:14                        | 21° <b>H</b> 17'08                      |            |
| minimum elong             | -656 Apr 03 j 19:30                        | 6° <b>Υ</b> 51'21<br>10° <b>Υ</b> 23'46                 | 0-1/21     | minimum elong    | -655 Mar 19 j 02:19<br>-655 Mar 23 j 07:43 | 21° <b>¥</b> 28'13<br>0° <b>Y</b> 29'05 | 0-45-41    |
| asc. node                 | -656 Apr 05 j 10:40                        | $10^{\circ}$ <b>Y</b> 23 46 $21^{\circ}$ <b>Y</b> 54'19 |            | asc. node        | •  | 0° <b>Υ</b> 2903                        |            |
| evening rise              | -656 Apr 10 j 18:56                        | 0° <b>8</b>   |            | avanina risa     | -655 Mar 23 j 02:16                        | 0° γ<br>6° <b>Υ</b> 42'08               |            |
|                           | -656 Apr 14 j 17:23<br>-656 May 04 j 10:55 | 0°U   |            | evening rise     | -655 Mar 26 j 06:08<br>-655 Apr 07 j 19:19 | 0° <b>8</b>                             |            |
| evening max el            | -656 May 04 j 23:21                        | 0° <b>П</b> 30'24                                       | 23°54'08   | evening max el   | -655 Apr 16 j 16:09                        | 11° <b>8</b> 07'42                      | 22°10'00   |
| desc. node                | -656 May 15 j 13:01                        | 7° <b>Ⅱ</b> 01'48                                       | 23 34 08   | retrograde       | -655 Apr 29 j 13:55                        | 17° <b>8</b> 27'56                      | 22 19 09   |
| retrograde                | -656 May 18 j 18:06                        | 7° <b>I</b> I25'22                                      |            | evening set      | -655 May 02 j 11:18                        | 17° <b>8</b> 09'32                      |            |
| evening set               | -656 May 22 j 22:10                        | 6° <b>II</b> 46'50                                      |            | desc. node       | -655 May 02 j 10:03                        | 17° <b>8</b> 10'11                      |            |
| min. Earth dist.          | -656 May 29 j 10:26                        |   | 0.56284 AU | min. Earth dist. | -655 May 10 j 23:27                        |   | 0.55226 AU |
| inferior conj             | -656 May 31 j 19:20                        | 2° <b>I</b> I13'29                                      |            | inferior conj    | -655 May 11 j 20:30                        | 13° <b>8</b> 00'25                      |            |
| minimum elong             | -656 May 31 j 13:06                        | 2° <b>I</b> I23'04                                      |            | minimum elong    | -655 May 11 j 14:00                        | 13° <b>8</b> 09'36                      |            |
|                           | -656 Jun 04 j 15:42                        | 30°R <b>8</b>   |            | morning rise     | -655 May 20 j 18:23                        | 9° <b>8</b> 05'38                       | 0          |
| morning rise              | -656 Jun 09 j 06:58                        | 28° <b>8</b> 14'05                                      |            | direct           | -655 May 23 j 14:04                        | 8° <b>8</b> 47'34                       |            |
| direct                    | -656 Jun 11 j 21:46                        | 27° <b>8</b> 56'26                                      |            | morning max el   | -655 Jun 04 j 04:48                        | 14° <b>8</b> 13'23                      | 21°12'54   |
|                           | -656 Jun 18 j 13:58                        | 0°Щ   |            | <i>O</i>         | -655 Jun 15 j 21:22                        | 0°Щ                                     |            |
| morning max el            | -656 Jun 21 j 20:50                        | 2° <b>Ⅲ</b> 33′04                                       | 19°53'08   | asc. node        | -655 Jun 19 j 06:59                        | 6° <b>Ⅱ</b> 12'47                       |            |
| asc. node                 | -656 Jul 02 j 09:55                        | 16° <b>Ⅱ</b> 59'17                                      |            | morning set      | -655 Jun 24 j 02:09                        | 15° <b>Ⅱ</b> 47'41                      |            |
|                           | -656 Jul 09 j 05:46                        | 0°€   |            |                  | -655 Jun 30 j 21:32                        | 0ಂಣ                                     |            |
| morning set               | -656 Jul 09 j 18:23                        | 1° <b>5</b> 03'32                                       |            |                  |  |   |            |
|                           |  |   |            |                  |  |   |            |

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|---------------------|---------------------|---------------------|------------|---------------------|--------------------------|---------------------|------------|
| superior conj       | -655 Jul 01 j 12:29 | 1° <b>©</b> 17'25   |            | superior conj       | -654 Jun 15 j 16:40      | 15° <b>Ⅱ</b> 56'42  | 1°25'34    |
| minimum elong       | -655 Jul 01 j 10:29 | 1°907'03            | 1°38'39    | minimum elong       | -654 Jun 15 j 14:10      | 15° <b>Ⅱ</b> 43'27  | 1°25'15    |
| max. Earth dist.    | -655 Jul 05 j 15:29 | 9° <b>5</b> 40'37   | 1.35363 AU | max. Earth dist.    | -654 Jun 18 j 11:35      | 21° <b>Ⅱ</b> 49'12  | 1.34051 AU |
| evening rise        | -655 Jul 09 j 23:22 | 18° <b>©</b> 05'41  |            |                     | -654 Jun 22 j 11:44      | 0°€                 |            |
|                     | -655 Jul 16 j 12:45 | $0^{\circ}\Omega$   |            | evening rise        | -654 Jun 23 j 10:57      | 1° <b>©</b> 55'04   |            |
| desc. node          | -655 Jul 29 j 09:24 | 20° <b>Ω</b> 27'55  |            |                     | -654 Jul 09 j 10:30      | $0^{\circ}\Omega$   |            |
|                     | -655 Aug 05 j 09:11 | 0° <b>m</b> )       |            | desc. node          | -654 Jul 16 j 06:25      | 9° <b>Ω</b> 56'40   |            |
| evening max el      | -655 Aug 14 j 10:06 | 10° <b>m</b> 14'46  | 26°36'46   | evening max el      | -654 Jul 27 j 21:52      | 23° <b>Ω</b> 38'51  | 27°14'53   |
| retrograde          | -655 Aug 27 j 08:10 | 17° <b>m</b> 29'02  |            |                     | -654 Aug 05 j 19:52      | 0° <b>m</b> )       |            |
| evening set         | -655 Sep 02 j 22:37 | 14° <b>m</b> 45'31  |            | retrograde          | -654 Aug 10 j 07:32      | 0° Mp 58′16         |            |
| min. Earth dist.    | -655 Sep 06 j 23:36 | 10° <b>m</b> 34'07  | 0.65983 AU |                     | -654 Aug 14 j 12:23      | 30° <b>₹Ω</b>       |            |
| inferior conj       | -655 Sep 08 j 15:25 | 8° Mp 34'32         | -2°10'44   | evening set         | -654 Aug 17 j 08:23      | 28° <b>Ω</b> 12'36  |            |
| minimum elong       | -655 Sep 08 j 18:40 | 8° <b>m</b> 24'47   | 2°09'30    | min. Earth dist.    | -654 Aug 21 j 02:41      | 24° <b>Ω</b> 38′03  | 0.64736 AU |
| morning rise        | -655 Sep 14 j 15:08 | 2° <b>m</b> 49'22   |            | inferior conj       | -654 Aug 23 j 07:36      | 22° <b>Ω</b> 12′28  | -3°03'17   |
| asc. node           | -655 Sep 15 j 06:09 | 2° Mp 30'46         |            | minimum elong       | -654 Aug 23 j 11:53      | 22° <b>Ω</b> 00′39  | 3°01'55    |
| direct              | -655 Sep 17 j 14:19 | 1° <b>m</b> 59'52   |            | morning rise        | -654 Aug 29 j 16:07      | 16° <b>Ω</b> 42'10  |            |
| morning max el      | -655 Sep 24 j 06:45 | 5° <b>™</b> 41′29   | 18°34'08   | direct              | -654 Sep 01 j 09:07      | 16° <b>Ω</b> 03'35  |            |
|                     | -655 Oct 11 j 01:36 | 0∘ <b>⊽</b>         |            | asc. node           | -654 Sep 02 j 03:12      | 16° <b>Ω</b> 06'35  |            |
| morning set         | -655 Oct 14 j 12:29 | 5° <b>≏</b> 32'42   |            | morning max el      | -654 Sep 07 j 21:20      | 19° <b>Ω</b> 32'38  | 18°05'06   |
| desc. node          | -655 Oct 25 j 08:43 | 22° <b>≏</b> 48'55  |            |                     | -654 Sep 15 j 16:37      | 0° <b>m</b>         |            |
|                     | -655 Oct 29 j 22:06 | 0° <b>M</b>         |            | morning set         | -654 Sep 25 j 18:28      | 16° <b>m</b> 38'40  |            |
|                     |                     |                     |            |                     | -654 Oct 03 j 19:36      | 0∘ <b>ত</b>         |            |
| superior conj       | -655 Oct 30 j 05:49 | 0°M30'21            | -0°31'30   |                     |                          |                     |            |
| minimum elong       | -655 Oct 30 j 01:40 | 0° <b>M</b> .14'04  | 0°30'57    | superior conj       | -654 Oct 09 j 12:58      | 9° <b>≏</b> 16'13   | 0°17'40    |
| max. Earth dist.    | -655 Oct 30 j 22:04 | 1°MJ34'15           | 1.45008 AU | minimum elong       | -654 Oct 09 j 15:04      | 9° <b>£</b> 24'40   | 0°17'22    |
| evening rise        | -655 Nov 15 j 07:39 | 25°M51'10           |            | desc. node          | -654 Oct 12 j 05:44      | 13° <b>≏</b> 34'40  |            |
|                     | -655 Nov 17 j 22:21 | 0° <b>∡</b> ¹       |            | max. Earth dist.    | -654 Oct 13 j 16:53      | 15° <b>≏</b> 54'04  | 1.44665 AU |
| greatest brilliancy | -655 Nov 24 j 02:57 | 9° <b>∡</b> ¹48'17  | -0.8m      |                     | -654 Oct 22 j 16:55      | 0° <b>M</b> ,       |            |
| evening max el      | -655 Dec 07 j 14:32 | 28° <b>∡</b> ¹41'54 | 19°04'30   | evening rise        | -654 Oct 26 j 00:21      | 5° <b>M</b> 07'45   |            |
|                     | -655 Dec 08 j 23:08 | 0°ჳ                 |            | greatest brilliancy | -654 Nov 08 j 13:16      | 25°M47'18           | -0.7m      |
| asc. node           | -655 Dec 12 j 05:23 | 2° <b>ろ</b> 09'32   |            | ,                   | -654 Nov 11 j 10:04      | 0° <b>⊼</b> ¹       |            |
| retrograde          | -655 Dec 14 j 12:56 | 2° <b>る</b> 39'04   |            | evening max el      | -654 Nov 20 j 20:20      | 12° <b>҂</b> 09'32  | 19°56'30   |
| evening set         | -655 Dec 17 j 19:27 | 1° <b>る</b> 37'03   |            | retrograde          | -654 Nov 28 j 10:15      | 16° <b>∡</b> ³35'36 |            |
|                     | -655 Dec 19 j 19:54 | 30°₽ <b>⋌</b>       |            | asc. node           | -654 Nov 29 j 02:25      | 16° <b>≯</b> ³33'01 |            |
| inferior conj       | -655 Dec 23 j 11:16 | 25° <b>∡</b> ¹48'59 | 3°12'28    | evening set         | -654 Dec 02 j 00:39      | 15° <b>҂</b> 19'53  |            |
| minimum elong       | -655 Dec 23 j 08:29 | 25° <b>∡</b> 57'43  | 3°11'49    | inferior conj       | -654 Dec 07 j 12:13      |                     | 2°36'15    |
| min. Earth dist.    | -655 Dec 24 j 22:59 | 23° <b>∡</b> 56'42  | 0.65721 AU | minimum elong       | -654 Dec 07 j 09:25      | 9° <b>∡</b> 727'27  | 2°35'23    |
| morning rise        | -655 Dec 28 j 21:16 | 19° <b>∡</b> ³39'10 |            | min. Earth dist.    | -654 Dec 08 i 10:21      | 8° <b>₹</b> 04'34   | 0.66704 AU |
| direct              | -654 Jan 04 j 08:55 | 16° <b>∡</b> ¹49'22 |            | morning rise        | -654 Dec 12 j 18:01      | 3° <b>∡</b> 05'21   |            |
| morning max el      | -654 Jan 17 j 05:12 | 24° <b>∡</b> ¹21'54 | 26°31'05   | direct              | -654 Dec 18 j 16:06      | 0° <b>≯</b> 28'13   |            |
| desc. node          | -654 Jan 21 j 07:54 | 28° <b>∡</b> ¹49'56 |            | morning max el      | -654 Dec 30 j 14:05      | 7° <b>∡</b> ³33′05  | 25°17'03   |
|                     | -654 Jan 22 i 07:42 | 0°₹                 |            | desc. node          | -653 Jan 08 i 04:56      | 17° <b>∡</b> ³35′29 |            |
|                     | -654 Feb 12 j 01:09 | 0° <b>≈</b>         |            |                     | -653 Jan 17 j 03:39      | 0°ರ                 |            |
| morning set         | -654 Feb 22 j 06:28 | 18° <b>≈</b> 09'29  |            | morning set         | -653 Feb 04 j 20:07      | 0° <b>≈</b> 31'04   |            |
| max. Earth dist.    | -654 Feb 26 j 10:51 | 26° <b>≈</b> 14'41  | 1.34866 AU | . 8                 | -653 Feb 04 j 13:13      | 0° <b>≈</b>         |            |
|                     | -654 Feb 28 j 08:00 | 0° <b>)</b> €       |            | max. Earth dist.    | -653 Feb 08 j 13:22      |                     | 1.36556 AU |
|                     |                     | • //                |            |                     |                          | ,                   |            |
| superior conj       | -654 Mar 02 j 23:43 | 5° <b>¥</b> 24'36   | -1°09'46   | superior conj       | -653 Feb 14 j 14:12      | 18° <b>≈</b> 59'49  | -1°32'50   |
| minimum elong       | -654 Mar 03 j 02:54 | 5° <b>)</b> 40′58   | 1°09'15    | minimum elong       | -653 Feb 14 j 17:57      | 19° <b>≈</b> 18'22  | 1°32'22    |
| asc. node           | -654 Mar 10 j 04:45 | 20° <b>¥</b> 25′03  |            | •                   | -653 Feb 20 j 01:25      | 0° <b>∀</b>         |            |
| evening rise        | -654 Mar 10 j 14:53 | 21° <b>¥</b> 17′28  |            | evening rise        | -653 Feb 22 j 19:02      | 5° <b>)</b> 32′32   |            |
| Č                   | -654 Mar 14 j 22:49 | $0^{\circ}$ Y       |            | asc. node           | -653 Feb 25 j 01:46      | 10° <b>)</b> 06′00  |            |
| evening max el      | -654 Mar 29 j 17:05 | 22° <b>Y</b> '07'10 | 20°52'22   |                     | -653 Mar 08 j 21:17      | $0$ ° $\Upsilon$    |            |
| retrograde          | -654 Apr 10 j 02:59 | 27° <b>Y</b> ′37'27 |            | evening max el      | -653 Mar 12 j 04:56      | 3° <b>Y</b> 42'03   | 19°41'42   |
| evening set         | -654 Apr 12 j 08:40 | 27° <b>Y</b> ′25'35 |            | retrograde          | -653 Mar 21 j 21:53      | 8° <b>Y</b> 21'06   |            |
| desc. node          | -654 Apr 19 j 07:05 | 24° <b>Y</b> '45'35 |            | evening set         | -653 Mar 24 j 01:35      | 8° <b>Y</b> 08′22   |            |
| inferior conj       | -654 Apr 21 j 14:52 | 23° <b>Y</b> ′27'44 | -0°39'49   | inferior conj       | -653 Apr 01 j 16:50      |                     | 1°14'29    |
| minimum elong       | -654 Apr 21 j 12:59 | 23° <b>Y</b> ′30'25 | 0°39'08    | minimum elong       | -653 Apr 01 j 19:52      |                     | 1°13'29    |
| min. Earth dist.    | -654 Apr 22 j 12:38 | 22° <b>Y</b> ′56'46 | 0.55072 AU | min. Earth dist.    | -653 Apr 04 j 02:53      | 2° <b>Υ</b> 34'12   | 0.55855 AU |
| morning rise        | -654 Apr 30 j 16:46 | 19° <b>Υ</b> 19'50  |            | desc. node          | -653 Apr 06 j 04:06      | 1° <b>Υ</b> 22'13   |            |
| direct              | -654 May 04 j 00:58 | 18° <b>Y</b> 55'42  |            |                     | -653 Apr 09 j 00:04      | 30° <b>R</b> ₩      |            |
| morning max el      | -654 May 17 j 02:33 | 25° <b>Y</b> 13'17  | 22°47'55   | morning rise        | -653 Apr 10 j 11:43      | 29° <b>)</b> €27'50 |            |
|                     | -654 May 21 j 12:51 | 0°8                 |            | direct              | -653 Apr 14 j 18:36      | 28° <b>)</b> (46'50 |            |
| asc. node           | -654 Jun 06 j 04:02 | 25° <b>8</b> 49'46  |            |                     | -653 Apr 20 j 11:08      | 0°Υ                 |            |
|                     | -654 Jun 08 j 04:44 | 0°II                |            | morning max el      | -653 Apr 28 j 18:11      |                     | 24°28'36   |
| morning set         | -654 Jun 08 j 12:53 | 0° <b>Ⅱ</b> 42'33   |            | <i>3</i> 3,22 42    | -653 May 16 j 01:43      | 0°8                 |            |
| <i>5</i>            |                     |                     |            | morning set         | -653 May 24 j 00:49      | 15° <b>8</b> 41'41  |            |
|                     |                     |                     |            | 2                   | <i>y y</i>               | = "                 |            |

| asc. node                      | -653 May 24 j 01:04                        | 15° <b>8</b> 42'58                       | usu ononnear cou   | mang style is the year          | 901 BCE in historical cou<br>-652 May 07 j 04:50 | o° <b>∀</b>            |                    |
|--------------------------------|--|--|--------------------|---------------------------------|--|------------------------|--------------------|
| use. Hode                      | -653 May 30 j 16:13                        | 0°II                                     |                    | morning set                     | -652 May 07 j 12:21                              | 0° <b>8</b> 39'27      |                    |
|                                | ,,   | -  |                    | asc. node                       | -652 May 09 j 22:06                              | 5° <b>8</b> 47'02      |                    |
| superior conj                  | -653 May 31 j 01:18                        | 0° <b>Ⅱ</b> 49'16                        | 1°07'56            |                                 |  |                        |                    |
| minimum elong                  | -653 May 30 j 22:53                        | 0°Щ36′09                                 | 1°07'32            | superior conj                   | -652 May 14 j 12:23                              | 15° <b>8</b> 48'18     | 0°46'52            |
| max. Earth dist.               | -653 Jun 01 j 16:16                        | 4° <b>Ⅱ</b> 19'44                        | 1.33120 AU         | minimum elong                   | -652 May 14 j 10:30                              | 15° <b>8</b> 37'55     | 0°46'30            |
| evening rise                   | -653 Jun 07 j 08:35                        | 16° <b>Ⅱ</b> 14'33                       |                    | max. Earth dist.                | -652 May 15 j 02:48                              | 17° <b>8</b> 07'12     | 1.32564 AU         |
|                                | -653 Jun 14 j 11:43                        | 0∘ <b>©</b>                              |                    |                                 | -652 May 21 j 02:42                              | $\Pi^{\circ 0}$        |                    |
| desc. node                     | -653 Jul 03 j 03:26                        | 28°5643'14                               |                    | evening rise                    | -652 May 21 j 13:09                              | 0° <b>∏</b> 54'24      |                    |
|                                | -653 Jul 04 j 04:31                        | 0° <b>Ω</b>                              | 27924155           |                                 | -652 Jun 06 j 12:37                              | 0°95                   |                    |
| evening max el<br>retrograde   | -653 Jul 10 j 07:42<br>-653 Jul 24 j 01:02 | 6° <b>Ω</b> 39'07<br>13° <b>Ω</b> 58'59  | 27°24'55           | desc. node<br>evening max el    | -652 Jun 19 j 00:27<br>-652 Jun 21 j 13:17       | 16°©29'48<br>19°©03'44 | 27°02'38           |
| evening set                    | -653 Jul 31 j 06:01                        | 13 <b>δc</b> 38 39                       |                    | retrograde                      | -652 Jul 05 j 11:46                              | 26°921'34              | 27 02 38           |
| min. Earth dist.               | -653 Aug 03 j 20:03                        | 8° <b>Ω</b> 20'22                        | 0.63122 AU         | evening set                     | -652 Jul 12 j 11:21                              | 24°909'50              |                    |
| inferior conj                  | -653 Aug 06 j 14:14                        | 5° <b>Ω</b> 36'50                        |                    | min. Earth dist.                | -652 Jul 16 j 03:18                              | 21°527'15              | 0.61208 AU         |
| minimum elong                  | -653 Aug 06 j 18:49                        | 5° <b>Ω</b> 25'27                        |                    | inferior conj                   | -652 Jul 19 j 08:06                              | 18° <b>©</b> 39'50     |                    |
| morning rise                   | -653 Aug 13 j 08:46                        | 0° <b>Ω</b> 24'43                        |                    | minimum elong                   | -652 Jul 19 j 11:36                              | 18° <b>©</b> 32'11     | 4°24'43            |
|                                | -653 Aug 14 j 19:12                        | 30° <b>₹</b> 5                           |                    | morning rise                    | -652 Jul 26 j 13:32                              | 13° <b>5</b> 48'32     |                    |
| direct                         | -653 Aug 15 j 21:58                        | 29° <b>9</b> 54'02                       |                    | direct                          | -652 Jul 29 j 01:10                              | 13° <b>©</b> 23'22     |                    |
|                                | -653 Aug 17 j 00:36                        | $0$ $^{\circ}\Omega$                     |                    | morning max el                  | -652 Aug 05 j 02:36                              | 16° <b>©</b> 53'24     | 18°01'05           |
| asc. node                      | -653 Aug 20 j 00:15                        | 1° <b>Ω</b> 14'24                        |                    | asc. node                       | -652 Aug 05 j 21:19                              | 17° <b>©</b> 41'00     |                    |
| morning max el                 | -653 Aug 22 j 12:56                        | 3° <b>Ω</b> 19'06                        | 17°53'47           |                                 | -652 Aug 14 j 09:13                              | 0° <b>N</b>            |                    |
| morning set                    | -653 Sep 08 j 00:39                        | 28° <b>Ω</b> 53'54                       |                    | morning set                     | -652 Aug 21 j 01:00                              | 12° <b>Ω</b> 01'15     |                    |
|                                | -653 Sep 08 j 15:40                        | 0° <b>m</b>                              |                    |                                 | -652 Aug 30 j 22:44                              | 0° <b>m</b>            |                    |
| superior conj                  | -653 Sep 19 j 19:46                        | 19° <b>m</b> 13'39                       | 0°58'55            | superior conj                   | -652 Aug 31 j 05:55                              | 0° mp 31'39            | 1°27'13            |
| minimum elong                  | -653 Sep 20 j 00:49                        | 19° <b>m</b> 34'42                       | 0°58'17            | minimum elong                   | -652 Aug 31 j 10:18                              | 0° m 50'55             |                    |
|                                | -653 Sep 26 j 09:25                        | 0∘ <u>⊽</u>                              |                    | max. Earth dist.                | -652 Sep 07 j 19:03                              | 13° m) 25'58           | 1.42052 AU         |
| max. Earth dist.               | -653 Sep 26 j 08:39                        | 29° <b>m</b> 56'56                       | 1.43631 AU         | evening rise                    | -652 Sep 13 j 21:12                              | 23° m/20'02            |                    |
| desc. node                     | -653 Sep 29 j 02:46                        | 4° <b>≏</b> 21'26                        |                    | desc. node                      | -652 Sep 14 j 23:48                              | 25°M 05'31             |                    |
| evening rise                   | -653 Oct 05 j 06:48                        | 14° <b>≏</b> 01'48                       |                    |                                 | -652 Sep 18 j 03:04                              | 0。 <b>亚</b>            |                    |
|                                | -653 Oct 15 j 19:16                        | 0°M                                      |                    |                                 | -652 Oct 08 j 21:41                              | 0°M                    |                    |
| evening max el                 | -653 Nov 03 j 20:31                        | 25°M37'31                                | 21°02'01           | evening max el                  | -652 Oct 16 j 14:57                              | 9°M05'53               | 22°17'29           |
| . 1                            | -653 Nov 09 j 12:43                        | 0° ∡7                                    |                    | retrograde                      | -652 Oct 26 j 03:32                              | 14°M45'45              |                    |
| retrograde                     | -653 Nov 12 j 07:44<br>-653 Nov 14 j 23:01 | 0°₮39'02<br>30°₽₪                        |                    | evening set asc. node           | -652 Oct 30 j 15:42<br>-652 Nov 01 j 20:30       | 12°M57'09<br>10°M45'23 |                    |
| asc. node                      | -653 Nov 15 j 23:27                        | 29°M23'22                                |                    | inferior conj                   | -652 Nov 04 j 23:53                              | 6°M38'39               | 1°04'02            |
| evening set                    | -653 Nov 16 j 08:00                        | 29°M07'44                                |                    | minimum elong                   | -652 Nov 04 j 22:27                              | 6°M43'36               | 1°03'25            |
| inferior conj                  | -653 Nov 21 j 17:06                        | 22°M55'45                                | 1°52'50            | min. Earth dist.                | -652 Nov 04 j 23:18                              | 6°M40'40               | 0.67603 AU         |
| minimum elong                  | -653 Nov 21 j 14:47                        | 23°M03'41                                | 1°51'58            | morning rise                    | -652 Nov 10 j 05:02                              | 0°M26'14               |                    |
| min. Earth dist.               | -653 Nov 22 j 03:18                        | 22°M20'45                                | 0.67321 AU         |                                 | -652 Nov 10 j 18:20                              | 30° <b>₹</b> Ω         |                    |
| morning rise                   | -653 Nov 26 j 21:25                        | 16°M41'58                                |                    | direct                          | -652 Nov 14 j 20:58                              | 28° <b>ჲ</b> 30′29     |                    |
| direct                         | -653 Dec 02 j 04:22                        | 14°M24'06                                |                    |                                 | -652 Nov 19 j 09:49                              | 0°M₊                   |                    |
| morning max el                 | -653 Dec 12 j 22:45                        | 20°M49'19                                | 23°51'31           | morning max el                  | -652 Nov 24 j 09:48                              | 4°M09'32               | 22°24'12           |
|                                | -653 Dec 20 j 20:08                        | 0° ₹ <sup>7</sup>                        |                    | desc. node                      | -652 Dec 11 j 23:02                              | 26°M54'41              |                    |
| desc. node                     | -653 Dec 26 j 01:59                        | 7° <b>₹</b> 01'02                        |                    |                                 | -652 Dec 14 j 01:29                              | 0°⊀ <sup>7</sup>       |                    |
| morning set                    | -652 Jan 10 j 09:36<br>-652 Jan 17 j 11:09 | 0°る<br>11°る42'33                         |                    | morning set<br>max. Earth dist. | -652 Dec 27 j 21:53<br>-651 Jan 02 j 05:17       | 21°≯30'00<br>0°ठ18'00  | 1.40687 AU         |
| max. Earth dist.               | -652 Jan 21 j 08:55                        | 11 ර්42 33<br>18° <b>ප්</b> 30'50        | 1.38573 AU         | max. Earth dist.                | -651 Jan 02 j 01:01                              | 0°87                   | 1.40087 AU         |
| man zarm dige.                 | -652 Jan 27 j 15:57                        | 0° <b>≈</b>                              | 1.500 / 5 110      |                                 | 02 j 01.01                                       | • •                    |                    |
|                                | <u>.</u>                                   |  |                    | superior conj                   | -651 Jan 10 j 00:34                              | 13° <b>る</b> 53'45     | -2°00'20           |
| superior conj                  | -652 Jan 28 j 16:04                        | 1° <b>≈</b> 53'35                        | -1°50'48           | minimum elong                   | -651 Jan 10 j 01:33                              | 13° <b>る</b> 58'10     | 2°00'19            |
| minimum elong                  | -652 Jan 28 j 19:18                        | 2° <b>≈</b> 08'54                        | 1°50'35            | ·                               | -651 Jan 18 j 18:07                              | 0° <b>≈</b>            |                    |
| evening rise                   | -652 Feb 06 j 16:07                        | 19° <b>≈</b> 20'48                       |                    | evening rise                    | -651 Jan 20 j 03:00                              | 2° <b>≈</b> 34'31      |                    |
| asc. node                      | -652 Feb 11 j 22:47                        | 29° <b>≈</b> 26′28                       |                    | asc. node                       | -651 Jan 28 j 19:49                              | 18° <b>≈</b> 19′26     |                    |
|                                | -652 Feb 12 j 06:05                        | 0° <b>∀</b>                              |                    | evening max el                  | -651 Feb 05 j 09:15                              | 28°≈35'49              | 18°19'13           |
| evening max el                 | -652 Feb 23 j 03:11                        | 15° <b>¥</b> 53'52                       | 18°50'25           |                                 | -651 Feb 06 j 23:48                              | 0° <b>)</b> (10102     |                    |
| retrograde                     | -652 Mar 02 j 08:34                        | 19° <b>¥</b> 52'32                       |                    | retrograde                      | -651 Feb 12 j 13:56                              | 2°\( <b>1</b> \)10'03  |                    |
| evening set                    | -652 Mar 04 j 16:27                        | 19° <b>)</b> 34'41<br>15° <b>)</b> 15'33 | 20/0/51            | evening set                     | -651 Feb 15 j 02:47                              | 1° <b>)</b> 44'33      |                    |
| inferior conj<br>minimum elong | -652 Mar 12 j 12:57<br>-652 Mar 12 j 17:24 | 15° <del>X</del> 15'33                   | 2°40'51<br>2°39'44 | inferior conj                   | -651 Feb 18 j 12:24<br>-651 Feb 22 j 06:02       | 30°R≈<br>27°≈04'53     | 3°31'28            |
| min. Earth dist.               | -652 Mar 15 j 19:24                        | 13° <b>X</b> 07'26<br>12° <b>X</b> 53'42 | 0.57404 AU         | minimum elong                   | -651 Feb 22 j 08:58                              | 27°≈0433<br>26°≈58'39  | 3°31'28<br>3°31'03 |
| morning rise                   | -652 Mar 20 j 15:23                        | 12 <b>X</b> 33 42                        | 0.57-TOT AU        | min. Earth dist.                | -651 Feb 25 j 16:00                              | 20 ≈38 39<br>24°≈12'13 | 0.59395 AU         |
| desc. node                     | -652 Mar 23 j 01:08                        | 9° <b>)</b> 16'31                        |                    | morning rise                    | -651 Mar 01 j 12:53                              | 21°≈30'28              | , 5, 5, 110        |
| direct                         | -652 Mar 26 j 01:56                        | 8° <b>¥</b> 53'57                        |                    | direct                          | -651 Mar 07 j 22:26                              | 19° <b>≈</b> 40′21     |                    |
| morning max el                 | -652 Apr 09 j 09:39                        | 16° <b>)</b> 22′26                       | 26°00'28           | desc. node                      | -651 Mar 09 j 22:10                              | 19° <b>≈</b> 50'43     |                    |
|                                | -652 Apr 20 j 11:58                        | $0^{\circ}$ Y                            |                    | morning max el                  | -651 Mar 22 j 05:36                              | 27° <b>≈</b> 23′08     | 27°08'46           |
|                                |  |  |                    |                                 |  |                        |                    |

| •                        | nical year style is used: The              |  | •          | · · · · · · · · · · · · · · · · · · · |  |  | 50 134      |
|--------------------------|--|--|------------|---------------------------------------|--|--|-------------|
| , ,                      | -651 Mar 24 j 18:02                        | 0° <b>₩</b>                            |            | direct                                | -650 Feb 18 j 05:07                        | 1°≈14'13                                 |             |
|                          | -651 Apr 14 j 00:23                        | 0° <b>Ƴ</b>                            |            | desc. node                            | -650 Feb 24 j 19:14                        | 3°≈09'15                                 |             |
| morning set              | -651 Apr 21 j 21:48                        | 15° <b>Ƴ</b> 29'53                     |            | morning max el                        | -650 Mar 04 j 07:47                        | 9° <b>≈</b> 03'22                        | 27°43'18    |
| asc. node                | -651 Apr 26 j 19:10                        | 25° <b>Ƴ</b> 57'21                     |            |                                       | -650 Mar 20 j 11:35                        | 0° <b>)</b> €                            |             |
| max. Earth dist.         | -651 Apr 28 j 15:41                        | 0° <b>8</b> 00'58                      | 1.32368 AU | morning set                           | -650 Apr 06 j 03:11                        | 0° <b>Y</b> 05′23                        |             |
|                          | -651 Apr 28 j 15:31                        | $9^{\circ}$ 8                          |            |                                       | -650 Apr 06 j 02:08                        | $0^{\circ}\Upsilon$                      |             |
|                          |  |  |            | max. Earth dist.                      | -650 Apr 12 j 03:05                        | 12° <b>Ƴ</b> 46'57                       | 1.32541 AU  |
| superior conj            | -651 Apr 29 j 00:11                        | 0° <b>8</b> 47'38                      | 0°23'12    |                                       |  |  |             |
| minimum elong            | -651 Apr 28 j 23:10                        | 0° <b>8</b> 42'02                      | 0°22'59    | superior conj                         | -650 Apr 13 j 10:57                        | 15° <b>Y</b> 40'16                       |             |
| evening rise             | -651 May 05 j 22:09                        | 15° <b>8</b> 46'18                     |            | minimum elong                         | -650 Apr 13 j 11:04                        | 15° <b>Y</b> 40'52                       | 0°02'18     |
|                          | -651 May 13 j 01:36                        | 0°II                                   |            | behind sun begin                      | -650 Apr 13 j 06:01                        | 15° <b>Y</b> 13'21                       |             |
|                          | -651 Jun 02 j 18:04                        | 0.20<br>0.20                           | 26000106   | behind sun end                        | -650 Apr 13 j 16:07                        | 16° <b>Y</b> 08'24                       |             |
| evening max el           | -651 Jun 03 j 12:44                        | 0°545'28                               | 26°08'06   | asc. node                             | -650 Apr 13 j 16:13                        | 16° <b>Y</b> 08'59                       |             |
| desc. node<br>retrograde | -651 Jun 05 j 21:27<br>-651 Jun 17 j 13:59 | 2° <b>9</b> 51'43<br>7° <b>9</b> 59'14 |            | evening rise                          | -650 Apr 20 j 09:27<br>-650 Apr 20 j 01:33 | 0° <b>と</b> 41'50<br>0° <b>と</b>         |             |
| evening set              | -651 Jun 23 j 19:58                        | 6°923'31                               |            |                                       | -650 May 06 j 13:41                        | 0°II                                     |             |
| min. Earth dist.         | -651 Jun 28 j 01:37                        |  | 0.59156 AU | evening max el                        | -650 May 16 j 05:53                        | 11° <b>II</b> 45'08                      | 24°47'27    |
| inferior conj            | -651 Jul 01 j 09:42                        | 1°912'50                               |            | desc. node                            | -650 May 23 j 18:29                        | 17° <b>I</b> I14'50                      | 24 4/2/     |
| minimum elong            | -651 Jul 01 j 10:08                        | 1°911'59                               |            | retrograde                            | -650 May 30 j 05:14                        | 18° <b>Ⅱ</b> 49'55                       |             |
| 8                        | -651 Jul 03 j 00:39                        | 30° <b>Ŗ</b> Ⅱ                         |            | evening set                           | -650 Jun 04 j 05:39                        | 17° <b>Ⅲ</b> 52'47                       |             |
| morning rise             | -651 Jul 09 j 02:35                        | 26° <b>Ⅱ</b> 43'40                     |            | min. Earth dist.                      | -650 Jun 09 j 17:27                        |  | 0.57223 AU  |
| direct                   | -651 Jul 11 j 14:41                        | 26° <b>Ⅲ</b> 22'12                     |            | inferior conj                         | -650 Jun 12 j 15:45                        | 13° <b>Ⅱ</b> 05'15                       | -4°25'45    |
|                          | -651 Jul 19 j 08:03                        | 0°ಅ                                    |            | minimum elong                         | -650 Jun 12 j 11:42                        | 13° <b>I</b> I1'57                       | 4°25'16     |
| morning max el           | -651 Jul 19 j 11:18                        | 0° <b>©</b> 07'39                      | 18°28'09   | morning rise                          | -650 Jun 20 j 20:33                        | 8° <b>Ⅱ</b> 56'52                        |             |
| asc. node                | -651 Jul 23 j 18:24                        | 5°511'23                               |            | direct                                | -650 Jun 23 j 10:22                        | 8° <b>Ⅲ</b> 38′00                        |             |
| morning set              | -651 Aug 04 j 14:33                        | 25°547'59                              |            | morning max el                        | -650 Jul 02 j 12:01                        | 12° <b>Ⅱ</b> 51′29                       | 19°16'02    |
|                          | -651 Aug 06 j 18:57                        | $0^{\circ}\Omega$                      |            | asc. node                             | -650 Jul 10 j 15:29                        | 23° <b>Ⅱ</b> 30′33                       |             |
|                          |  |  |            |                                       | -650 Jul 14 j 08:28                        | 0ಂತ                                      |             |
| superior conj            | -651 Aug 13 j 15:27                        | 12° <b>Ω</b> 59'38                     |            | morning set                           | -650 Jul 19 j 13:22                        | 10° <b>©</b> 03'05                       |             |
| minimum elong            | -651 Aug 13 j 17:41                        | 13° <b>Ω</b> 10′02                     |            |                                       |  |  |             |
| max. Earth dist.         | -651 Aug 21 j 00:21                        |  | 1.40143 AU | superior conj                         | -650 Jul 27 j 18:35                        | 26°921'06                                | 1°47'33     |
|                          | -651 Aug 23 j 05:05                        | 0° Mp                                  |            | minimum elong                         | -650 Jul 27 j 18:42                        | 26°921'40                                | 1°47'33     |
| evening rise             | -651 Aug 25 j 09:28                        | 3° Mp 40'25                            |            | Fth Ji-t                              | -650 Jul 29 j 15:59                        | 0° <b>Ω</b>                              | 1 20142 ATT |
| desc. node               | -651 Sep 01 j 20:50<br>-651 Sep 11 j 09:13 | 15° Mp 43'35<br>0° <u> </u>            |            | max. Earth dist.<br>evening rise      | -650 Aug 03 j 03:28<br>-650 Aug 06 j 22:46 | 8° <b>Ω</b> 22'59<br>15° <b>Ω</b> 12'03  | 1.38143 AU  |
| evening max el           | -651 Sep 29 j 05:01                        | 0 <b>==</b><br>22° <b>£</b> 36'54      | 23°37'35   | evening rise                          | -650 Aug 15 j 18:55                        | 0° m)                                    |             |
| retrograde               | -651 Oct 09 j 20:11                        | 28° <b>£</b> 53'17                     | 23 31 33   | desc. node                            | -650 Aug 19 j 17:51                        | 6° Mp 10'54                              |             |
| evening set              | -651 Oct 14 j 22:06                        | 26° <b>£</b> 46'25                     |            | desc. node                            | -650 Sep 06 j 01:15                        | 0° <b>⊽</b>                              |             |
| asc. node                | -651 Oct 19 j 17:35                        | 21° <b>♀</b> 10'17                     |            | evening max el                        | -650 Sep 11 j 16:48                        | 6° <b>£</b> 11′20                        | 24°55'46    |
| inferior conj            | -651 Oct 20 j 06:48                        | 20° <b>£</b> 25′09                     | 0°11'25    | retrograde                            | -650 Sep 23 j 08:50                        | 12° <b>≏</b> 58'00                       |             |
| minimum elong            | -651 Oct 20 j 06:31                        | 20° <b>≏</b> 26′05                     | 0°11'17    | evening set                           | -650 Sep 29 j 01:29                        | 10° <b>ჲ</b> 33'34                       |             |
| transit middle           | -651 Oct 20 j 06:31                        | 20° <b>≏</b> 26′05                     | 0°11'17    | min. Earth dist.                      | -650 Oct 03 j 14:35                        | 5° <b>£</b> 24'17                        | 0.67220 AU  |
| transit begin            | -651 Oct 20 j 04:34                        | 20° <b>≙</b> 32'47                     |            | inferior conj                         | -650 Oct 04 j 12:06                        | 4° <b>≙</b> 13'18                        | -0°43'31    |
| transit end              | -651 Oct 20 j 08:29                        | 20° <b>≏</b> 19'24                     |            | minimum elong                         | -650 Oct 04 j 13:10                        | 4° <b>≏</b> 09'45                        | 0°43'03     |
| min. Earth dist.         | -651 Oct 19 j 19:53                        | 21° <b>≏</b> 02'25                     | 0.67571 AU | asc. node                             | -650 Oct 06 j 14:39                        | 1° <b>≏</b> 31'47                        |             |
| morning rise             | -651 Oct 25 j 14:52                        | 14° <b>£</b> 16'46                     |            |                                       | -650 Oct 07 j 23:15                        | 30°R Mp                                  |             |
| direct                   | -651 Oct 29 j 16:53                        | 12° <b>≏</b> 43'02                     |            | morning rise                          | -650 Oct 10 j 00:57                        | 28° Mp 11'46                             |             |
| morning max el           | -651 Nov 07 j 02:41                        | 17° <b>△</b> 37'49                     | 21°03'06   | direct                                | -650 Oct 13 j 14:47                        | 26° m 57'58                              |             |
|                          | -651 Nov 17 j 01:55                        | 0°M                                    |            |                                       | -650 Oct 19 j 19:07                        | 0° <b>ʊ</b>                              | 10050104    |
| desc. node               | -651 Nov 28 j 20:06                        | 17°M08'29                              |            | morning max el                        | -650 Oct 21 j 03:16                        | 1° <b>≏</b> 16'40                        | 19°53'34    |
| morning set              | -651 Dec 07 j 05:26                        | 0° <b>₰</b> 02'05<br>0° <b>₰</b>       |            | desc. node                            | -650 Nov 10 j 18:22                        | 0°M,                                     |             |
| max. Earth dist.         | -651 Dec 07 j 04:54<br>-651 Dec 15 j 08:44 | 0°×'<br>13°×701'56                     | 1.42603 AU | morning set                           | -650 Nov 15 j 17:09<br>-650 Nov 16 j 02:09 | 7° <b>M</b> .36'38<br>8° <b>M</b> .11'27 |             |
| max. Earm dist.          | -031 Dec 13 J 06.44                        | 13 × 01 30                             | 1.42003 AU | max. Earth dist.                      | -650 Nov 27 j 20:10                        | 26°M36'42                                | 1.44052 AU  |
| superior conj            | -651 Dec 22 j 10:11                        | 24° <b>∡</b> 747'16                    | -1°57'05   | max. Earth dist.                      | -650 Nov 29 j 23:00                        | 20 11 <b>3</b> 30 42                     | 1.44032 AO  |
| minimum elong            | -651 Dec 22 j 06:58                        | 24° <b>x</b> <sup>3</sup> 4710         |            |                                       | 030 110V 27 J 23.00                        | ~ ^                                      |             |
| g                        | -651 Dec 25 j 11:05                        | 0°る                                    | 1 000)     | superior conj                         | -650 Dec 02 j 16:55                        | 4° <b>∡</b> ¹25'55                       | -1°36'54    |
| evening rise             | -650 Jan 02 j 23:56                        | 15° <b>る</b> 05'48                     |            | minimum elong                         | -650 Dec 02 j 09:27                        | 3° <b>≯</b> 55'39                        |             |
| <b>.</b>                 | -650 Jan 11 j 11:08                        | 0° <b>≈</b>                            |            | evening rise                          | -650 Dec 16 j 02:36                        | 26° <b>х</b> 46′40                       |             |
| asc. node                | -650 Jan 15 j 16:52                        | 6° <b>≈</b> 36'15                      |            | ū                                     | -650 Dec 17 j 23:53                        | 8°0                                      |             |
| evening max el           | -650 Jan 19 j 20:02                        | 11° <b>≈</b> 38'55                     | 18°07'48   | asc. node                             | -649 Jan 02 j 13:55                        | 24° <b>る</b> 06'02                       |             |
| retrograde               | -650 Jan 26 j 11:24                        | 15° <b>≈</b> 04'19                     |            | evening max el                        | -649 Jan 03 j 08:35                        | 24° <b>る</b> 55'21                       | 18°15'34    |
| evening set              | -650 Jan 29 j 04:37                        | 14° <b>≈</b> 29'54                     |            | retrograde                            | -649 Jan 09 j 20:28                        | 28° <b>る</b> 25'03                       |             |
| inferior conj            | -650 Feb 04 j 17:56                        | 9° <b>≈</b> 28'46                      | 3°51'20    | evening set                           | -649 Jan 12 j 18:00                        | 27° <b>る</b> 40'56                       |             |
| minimum elong            | -650 Feb 04 j 18:31                        | 9° <b>≈</b> 27'21                      | 3°51'19    | inferior conj                         | -649 Jan 18 j 20:47                        | 22° <b>る</b> 19'40                       | 3°48'22     |
| min. Earth dist.         | -650 Feb 07 j 19:27                        | 6°≈30'15                               | 0.61480 AU | minimum elong                         | -649 Jan 18 j 19:27                        |  |             |
| morning rise             | -650 Feb 11 j 07:05                        | 3° <b>≈</b> 38'15                      |            | min. Earth dist.                      | -649 Jan 21 j 08:14                        | 19° <b>6</b> 36'45                       | 0.63388 AU  |

| •                | nical year style is used: Tl |                                      | •                |                     |  |  | ge 133      |
|------------------|------------------------------|--------------------------------------|------------------|---------------------|--|--|-------------|
| morning rise     | -649 Jan 24 j 20:12          | 16°る18'47                            | astronomical cou | direct              | -648 Jan 14 j 18:07                        | 26° <b>₹</b> 29'18                       |             |
| direct           | -649 Jan 31 j 20:05          | 10 81847<br>13° <b>8</b> 33'18       |                  | direct              | -648 Jan 23 j 06:09                        | 20 <b>メ</b> ・29 18                       |             |
|                  | ,                            |                                      |                  | marning may al      | -  |  | 27904127    |
| desc. node       | -649 Feb 11 j 16:17          | 18°る40'07                            | 27940155         | morning max el      | -648 Jan 28 j 00:45<br>-648 Jan 29 j 13:20 | 4°る12'34<br>5°る47'00                     | 2/*04/3/    |
| morning max el   | -649 Feb 14 j 15:08          | 21° <b>る</b> 23'35<br>0°≈            | 27-40-55         | desc. node          | -  | 0°≈                                      |             |
|                  | -649 Feb 22 j 03:44          | 0° <b>∺</b>                          |                  |                     | -648 Feb 16 j 15:08                        |  |             |
| . ,              | -649 Mar 13 j 13:26          |                                      |                  | morning set         | -648 Mar 03 j 15:39                        | 27°≈58'14                                |             |
| morning set      | -649 Mar 21 j 02:10          | 14° <b>)</b> 18'20                   | 1 22104 ATT      | E d E d             | -648 Mar 04 j 16:42                        | 0° <b>\</b><br>70 <b>\</b> 02150         | 1 24007 ATT |
| max. Earth dist. | -649 Mar 26 j 09:04          | 25° <b>) (</b> 11'47                 | 1.33104 AU       | max. Earth dist.    | -648 Mar 08 j 05:30                        | 7° <b>米</b> 02'59                        | 1.34087 AU  |
| superior conj    | -649 Mar 28 j 18:59          | 0° <b>Υ'</b> 20'32                   | -0°28'48         | superior conj       | -648 Mar 11 j 22:12                        | 14° <b>)</b> 41'18                       | -0°55'11    |
| minimum elong    | -649 Mar 28 j 20:21          | 0° <b>Υ</b> 27'52                    |                  | minimum elong       | -648 Mar 12 j 00:48                        | 14° <b>)</b> 54'52                       |             |
| minimum ciong    | -649 Mar 28 j 15:09          | 0°Υ                                  | 0 20 31          | asc. node           | -648 Mar 17 j 10:17                        | 26° <b>H</b> 19'16                       | 0 34 42     |
| asc. node        | -649 Mar 31 j 13:15          | 6° <b>Υ</b> 17'45                    |                  | evening rise        | -648 Mar 19 j 07:36                        | 0° <b>Υ</b> 17'11                        |             |
| evening rise     | -649 Apr 04 j 21:14          | 15° <b>Υ</b> 34'29                   |                  | evening rise        | -648 Mar 19 j 04:18                        | 0°Υ                                      |             |
| evening rise     | -649 Apr 12 j 03:08          | 0°8                                  |                  |                     | -648 Apr 05 j 18:55                        | 0°8                                      |             |
| evening max el   | -649 Apr 27 j 20:37          | 22° <b>8</b> 21'19                   | 23°13'20         | evening max el      | -648 Apr 08 j 16:03                        | 3° <b>8</b> 04'25                        | 21°40'37    |
| desc. node       | -649 May 10 j 15:29          | 29° <b>8</b> 02'55                   | 23 13 20         | retrograde          | -648 Apr 21 j 00:24                        | 9° <b>8</b> 05'20                        | 21 4037     |
| retrograde       | -649 May 11 j 08:07          | 29° <b>8</b> 04'00                   |                  | evening set         | -648 Apr 23 j 12:49                        | 8° <b>8</b> 51'03                        |             |
| evening set      | -649 May 14 j 22:09          | 28° <b>8</b> 35'47                   |                  | desc. node          | -648 Apr 26 j 12:29                        | 8° <b>8</b> 00'07                        |             |
| min. Earth dist. | -649 May 22 j 06:27          |                                      | 0.55745 AU       | inferior conj       | -648 May 02 j 22:34                        | 4° <b>8</b> 48'22                        | -1948/12    |
| inferior conj    | -649 May 24 j 01:59          | 24° <b>8</b> 13'23                   |                  | minimum elong       | -648 May 02 j 17:37                        | 4° <b>8</b> 55'19                        | 1°46'31     |
| minimum elong    | -649 May 23 j 18:58          | 24° <b>8</b> 23'42                   |                  | min. Earth dist.    | -648 May 02 j 19:31                        | 4° <b>8</b> 52'38                        | 0.55040 AU  |
| morning rise     | -649 Jun 01 j 18:27          | 20° <b>8</b> 18'16                   | 3 20 14          | morning rise        | -648 May 11 j 23:17                        | 0° <b>8</b> 50'21                        | 0.55040 AU  |
| direct           | -649 Jun 04 j 10:54          | 20° <b>8</b> 00'51                   |                  | direct              | -648 May 14 j 22:42                        | 0° <b>8</b> 30'52                        |             |
| morning max el   | -649 Jun 15 j 02:26          | 24° <b>8</b> 56'32                   | 20°24'47         | morning max el      | -648 May 27 j 05:54                        | 6° <b>8</b> 19'13                        | 21°51'55    |
| morning max ci   | -649 Jun 19 j 15:21          | 0° <b>Ⅱ</b>                          | 20 2447          | morning max ci      | -648 Jun 12 j 10:45                        | 0°I                                      | 21 31 33    |
| asc. node        | -649 Jun 27 j 12:32          | 12° <b>Ⅱ</b> 26'47                   |                  | asc. node           | -648 Jun 13 j 09:34                        | 1° <b>II</b> 50'58                       |             |
| morning set      | -649 Jul 03 j 18:31          | 24° <b>∏</b> 38'31                   |                  | morning set         | -648 Jun 17 j 03:46                        | 9° <b>П</b> 27'55                        |             |
| morning set      | -649 Jul 06 j 09:08          | 0°95                                 |                  | morning set         | -040 Juli 17 J 05.40                       | 7 112/33                                 |             |
|                  |                              |                                      |                  | superior conj       | -648 Jun 24 j 10:54                        | 24° <b>Ⅱ</b> 49'51                       | 1°33'48     |
| superior conj    | -649 Jul 11 j 10:21          | 10°521'42                            | 1°43'57          | minimum elong       | -648 Jun 24 j 08:36                        | 24° <b>Ⅱ</b> 37'53                       | 1°33'35     |
| minimum elong    | -649 Jul 11 j 08:56          |                                      | 1°43'52          |                     | -648 Jun 26 j 22:40                        | 0°95                                     |             |
| max. Earth dist. | -649 Jul 16 j 09:34          | 20°9512'32                           | 1.36291 AU       | max. Earth dist.    | -648 Jun 27 j 23:41                        | 2°907'54                                 | 1.34754 AU  |
| evening rise     | -649 Jul 20 j 09:54          | 27°5647'37                           |                  | evening rise        | -648 Jul 02 j 13:55                        | 11°9514'12                               |             |
| <i>8</i> 21      | -649 Jul 21 j 14:48          | $0^{\circ}\Omega$                    |                  | 8 4                 | -648 Jul 13 j 00:31                        | $0^{\circ}\Omega$                        |             |
| desc. node       | -649 Aug 06 j 14:52          | 26° <b>Ω</b> 21'51                   |                  | desc. node          | -648 Jul 23 j 11:52                        | 16° <b>Ω</b> 09'04                       |             |
|                  | -649 Aug 09 j 02:44          | 0° m/                                |                  |                     | -648 Aug 03 j 10:47                        | 0° m∕                                    |             |
| evening max el   | -649 Aug 25 j 04:08          | 19° <b>m</b> 46'57                   | 26°04'28         | evening max el      | -648 Aug 06 j 15:53                        | 3° m) 18'23                              | 26°55'59    |
| retrograde       | -649 Sep 06 j 16:48          | 26° m 54'35                          |                  | retrograde          | -648 Aug 19 j 19:45                        | 10° <b>m</b> ) 36'37                     |             |
| evening set      | -649 Sep 12 j 23:54          | 24° m 15'58                          |                  | evening set         | -648 Aug 26 j 15:08                        | 7° <b>m</b> 50'43                        |             |
| min. Earth dist. | -649 Sep 17 j 05:02          | 19° <b>m</b> 43'19                   | 0.66536 AU       | min. Earth dist.    | -648 Aug 30 j 12:59                        |  | 0.65495 AU  |
| inferior conj    | -649 Sep 18 j 13:57          | 18° Mp 00'27                         | -1°39'10         | inferior conj       | -648 Sep 01 j 10:22                        | 1° m 43'40                               | -2°33'32    |
| minimum elong    | -649 Sep 18 j 16:26          | 17° <b>m</b> 52'40                   | 1°38'09          | minimum elong       | -648 Sep 01 j 14:07                        | 1° m/32'47                               | 2°32'11     |
| asc. node        | -649 Sep 23 j 11:43          | 12° <b>m</b> 45'19                   |                  |                     | -648 Sep 02 j 22:48                        | 30°R <b>Ω</b>                            |             |
| morning rise     | -649 Sep 24 j 09:17          | 12°Mp08'36                           |                  | morning rise        | -648 Sep 07 j 13:41                        | 26° <b>Ω</b> 04'34                       |             |
| direct           | -649 Sep 27 j 13:03          | 11° Mp 11'25                         |                  | asc. node           | -648 Sep 09 j 08:46                        | 25° <b>Ω</b> 26′18                       |             |
| morning max el   | -649 Oct 04 j 10:58          | 15° <b>m</b> 03'57                   | 18°58'31         | direct              | -648 Sep 10 j 09:49                        | 25° <b>Ω</b> 20′17                       |             |
|                  | -649 Oct 15 j 13:20          | 0∘ <b>⊽</b>                          |                  | morning max el      | -648 Sep 16 j 23:49                        | 28° <b>Ω</b> 55'48                       | 18°19'40    |
| morning set      | -649 Oct 26 j 12:28          | 17° <b>≙</b> 07'18                   |                  |                     | -648 Sep 17 j 23:59                        | 0° <b>m</b> )                            |             |
| desc. node       | -649 Nov 02 j 14:10          | 28° <b>≙</b> 14'13                   |                  | morning set         | -648 Oct 06 j 02:19                        | 27° Mp 26'16                             |             |
|                  | -649 Nov 03 j 17:08          | $0^{\circ}$ M                        |                  |                     | -648 Oct 07 j 16:00                        | 0∘ <b>⊽</b>                              |             |
| max. Earth dist. | -649 Nov 10 j 12:33          | 10°M42'03                            | 1.44862 AU       | desc. node          | -648 Oct 19 j 11:13                        | 18° <b>≏</b> 58'10                       |             |
|                  |                              |                                      |                  |                     |  |  |             |
| superior conj    | -649 Nov 12 j 00:12          | 13°M02'31                            |                  | superior conj       | -648 Oct 21 j 01:02                        | 21° <b>≙</b> 27'47                       |             |
| minimum elong    | -649 Nov 11 j 17:05          | 12°M34'28                            | 0°58'06          | minimum elong       | -648 Oct 20 j 23:41                        | 21° <b>≏</b> 22'28                       | 0°10'08     |
|                  | -649 Nov 22 j 15:48          | 0° <b>⊼</b>                          |                  | behind sun begin    | -648 Oct 20 j 14:52                        | 20° <b>£</b> 47'37                       |             |
| evening rise     | -649 Nov 27 j 06:48          | 7° <b>₹</b> 29'00                    |                  | behind sun end      | -648 Oct 21 j 08:30                        | 21° <b>£</b> 57'18                       | 1 44040 :** |
|                  | -649 Dec 11 j 09:31          | 0°る                                  | 1004****         | max. Earth dist.    | -648 Oct 23 j 06:56                        | 25° <b>£</b> 00'18                       | 1.44948 AU  |
| evening max el   | -649 Dec 17 j 20:10          | 8°る18'15                             | 18~41'41         |                     | -648 Oct 26 j 11:14                        | 0°M                                      |             |
| asc. node        | -649 Dec 20 j 10:59          | 10°る34'35                            |                  | evening rise        | -648 Nov 06 j 11:13                        | 17°M 13'05                               |             |
| retrograde       | -649 Dec 24 j 12:49          | 12°る03'05                            |                  |                     | -648 Nov 14 j 15:39                        | 0° <b>∡</b> 7                            | ^ <b>7</b>  |
| evening set      | -649 Dec 27 j 15:32          | 11° <b>そ</b> 08'10                   | 2020/05          | greatest brilliancy | -648 Nov 17 j 14:30                        | 4° <b>×</b> <sup>7</sup> 33'18           | -0.7m       |
| inferior conj    | -648 Jan 02 j 10:39          | 5° <b>る</b> 29'06                    | 3°29'05          | evening max el      | -648 Nov 30 j 04:37                        | 21° <b>х</b> 44'57                       | 19°24'48    |
| minimum elong    | -648 Jan 02 j 08:11          | 5° <b>る</b> 36'33                    | 3°28'39          | asc. node           | -648 Dec 06 j 08:00                        | 25° <b>х</b> 47'39                       |             |
| min. Earth dist. | -648 Jan 04 j 06:50          | 3°₹15'54                             | 0.64972 AU       | retrograde          | -648 Dec 07 j 09:02                        | 25° 🖈 53'45                              |             |
| morning rig-     | -648 Jan 07 j 07:23          | 30°R. <b>₹</b><br>29° <b>₹</b> 21'35 |                  | evening set         | -648 Dec 10 j 18:34<br>-648 Dec 16 j 08:21 | 24° <b>х</b> 46′20<br>18° <b>х</b> 52′12 | 2050100     |
| morning rise     | -648 Jan 08 j 00:27          | 49 X.71.33                           |                  | inferior conj       | -040 DCC 10 J 08:21                        | 10 x 32 12                               | 2 30 00     |

| •                | •                   |   | _          |                                   | 001 PCE in historical co.                        |  | ge 130                  |
|------------------|---------------------|---|------------|-----------------------------------|--|--|-------------------------|
| minimum elong    | -648 Dec 16 j 05:30 | ne year -900 m<br>19° <b>7</b> 01'26                  |            | inferior conj                     | 901 BCE in historical cou<br>-647 Nov 30 j 11:15 | 2° <b>₹</b> 25'00                        | 2010126                 |
| min. Earth dist. | -648 Dec 17 j 14:11 | 19 <b>x</b> 101 20                                    |            |                                   | -647 Nov 30 j 11.13                              | 2° 🖈 33'56                               | 2°17'41                 |
| morning rise     | -648 Dec 21 j 16:10 | 17 <b>x</b> ·13 31<br>12° <b>x</b> <sup>7</sup> 40'39 | 0.00184 AU | minimum elong<br>min. Earth dist. | -647 Dec 01 j 04:12                              | 2 <b>x</b> ·33 30<br>1° <b>x</b> 27'44   | 0.67015 AU              |
| direct           | -648 Dec 27 j 22:23 | 9° <b>х</b> 54'50                                     |            | IIIII. Eartii tist.               | -647 Dec 02 j 06:40                              | 30°RM                                    | 0.07013 AU              |
| morning max el   | -647 Jan 09 j 10:06 | 17° <b>₹</b> 18'02                                    | 26°01'34   | morning rise                      | -647 Dec 05 j 16:07                              | 26°M11'36                                |                         |
| desc. node       | -647 Jan 15 j 10:23 | 24° × 02'32   | 20 01 34   | direct                            | -647 Dec 03 j 10:07                              | 23°M41'48                                |                         |
| desc. flode      | -647 Jan 20 j 01:45 | 24 × 02 32<br>0°る                                     |            | direct                            | -647 Dec 22 j 06:07                              | 23 11 <b>0</b> 41 46                     |                         |
|                  | -647 Feb 08 j 13:38 | 0°≈   |            | morning max el                    | -647 Dec 22 j 18:28                              | 0° <b>∡</b> <sup>7</sup> 30'46           | 24°41'22                |
| morning set      | -647 Feb 14 j 15:31 | 0 ∞<br>10°≈52'38                                      |            | desc. node                        | -646 Jan 02 j 07:28                              | 13°×706'42                               | 24 41 22                |
| max. Earth dist. | -647 Feb 18 j 13:56 |   | 1.35527 AU | desc. node                        | -646 Jan 14 j 00:38                              | 13 × 00 42<br>0°る                        |                         |
| max. Earth dist. | -047 FC0 16 j 15.50 | 16 ~1931  | 1.55527 AU | morning set                       | -646 Jan 27 j 20:20                              | 22° <b>පි</b> 46'10                      |                         |
| superior conj    | -647 Feb 23 j 18:13 | 28° <b>≈</b> 35'33                                    | 1°20'01    | max. Earth dist.                  | -646 Jan 31 j 12:19                              | 22 <b>ප්</b> 4010<br>29° <b>ප්</b> 21'21 | 1.37382 AU              |
| minimum elong    | -647 Feb 23 j 21:44 | 28°≈53'20   |            | max. Earth dist.                  | -646 Jan 31 j 20:46                              | 0°≈                                      | 1.57562 AU              |
| minimum ciong    | -647 Feb 24 j 10:51 | 0° <b>∀</b>   | 1 1/2/     |                                   | -040 Jan 31 j 20.40                              | 0 ~                                      |                         |
| evening rise     | -647 Mar 03 j 14:37 | 14° <b>)</b> (43'50                                   |            | superior conj                     | -646 Feb 07 j 03:53                              | 11° <b>≈</b> 54'40                       | -1°41'16                |
| asc. node        | -647 Mar 04 j 07:18 | 16° <b>)</b> (09'00                                   |            | minimum elong                     | -646 Feb 07 j 07:35                              | 12°≈12'38                                |                         |
| asc. node        | -647 Mar 11 j 12:38 | 0°Υ   |            | evening rise                      | -646 Feb 15 j 16:06                              | 28°≈48'13                                | 1 4033                  |
| evening max el   | -647 Mar 21 j 21:35 | 14° <b>Υ</b> 18'06                                    | 20°20'10   | evening rise                      | -646 Feb 16 j 06:32                              | 0° <b>∀</b>                              |                         |
| retrograde       | -647 Apr 01 j 14:09 | 19° <b>Υ</b> 25'40                                    | 20 20 10   | asc. node                         | -646 Feb 19 j 04:20                              | 5° <b>)</b> (41′56                       |                         |
| evening set      | -647 Apr 03 j 17:34 | 19° <b>Υ</b> 14'12                                    |            | evening max el                    | -646 Mar 04 j 14:14                              | 26° <b>H</b> 09'43                       | 19°17'33                |
| inferior conj    | -647 Apr 12 j 18:28 | 15° <b>Υ</b> 16'17                                    | 0°10'43    | evening max er                    | -646 Mar 10 j 13:13                              | 20 <b>γ</b> (0) 43                       | 17 17 33                |
| minimum elong    | -647 Apr 12 j 18:57 | 15° <b>Υ</b> 15'34                                    | 0°10'43    | retrograde                        | -646 Mar 13 j 14:36                              | 0° <b>Υ</b> 29'19                        |                         |
| transit middle   | -647 Apr 12 j 18:57 | 15° <b>Υ</b> 15'34                                    | 0°10'33    | evening set                       | -646 Mar 15 j 19:59                              | 0° <b>Υ</b> 14'41                        |                         |
| transit begin    | -647 Apr 12 j 15:56 | 15° <b>Υ</b> 20'00                                    | 0 1033     | evening set                       | -646 Mar 16 j 18:46                              | 30°R <b>)</b> €                          |                         |
| transit end      | -647 Apr 12 j 21:58 | 15° <b>Υ</b> 11'07                                    |            | inferior conj                     | -646 Mar 24 j 03:20                              | 26° <b>)</b> €05'44                      | 1°55'26                 |
| desc. node       | -647 Apr 13 j 09:32 | 14° <b>Υ</b> 54'05                                    |            | minimum elong                     | -646 Mar 24 j 07:27                              |  | 1°54'11                 |
| min. Earth dist. | -647 Apr 14 j 09:25 | 14° <b>Υ</b> 19'03                                    | 0.55290 AU | min. Earth dist.                  | -646 Mar 27 j 00:21                              | 24° <b>)</b> 11'27                       | 0.56435 AU              |
| morning rise     | -647 Apr 21 j 18:43 | 10° <b>Υ</b> 56'48                                    | 0.55270 AC | desc. node                        | -646 Mar 31 j 06:34                              | 21° <b>)</b> (48'34                      | 0.50 <del>1</del> 55 AO |
| direct           | -647 Apr 25 j 11:28 | 10° <b>Υ</b> 27'00                                    |            | morning rise                      | -646 Apr 01 j 16:05                              | 21° <b>)</b> 14'34                       |                         |
| morning max el   | -647 May 09 j 00:23 | 17° <b>Υ</b> 05'27                                    | 23°30'48   | direct                            | -646 Apr 06 j 11:01                              | 20° <b>H</b> 21'50                       |                         |
| morning max er   | -647 May 19 j 09:33 | 0°8   | 23 30 40   | morning max el                    | -646 Apr 20 j 15:01                              | 27° <b>)</b> 35'49                       | 25°09'41                |
| asc. node        | -647 May 31 j 06:35 | 21° <b>8</b> 35'17                                    |            | morning max cr                    | -646 Apr 22 j 23:25                              | 0° <b>Υ</b>                              | 23 07 41                |
| morning set      | -647 Jun 01 j 15:12 | 24° <b>8</b> 25'01                                    |            |                                   | -646 May 12 j 12:15                              | 0°8                                      |                         |
| morning sec      | -647 Jun 04 j 06:16 | 0°II  |            | morning set                       | -646 May 17 j 03:12                              | 9° <b>8</b> 24'29                        |                         |
|                  | 017 3411 01 3 00.10 | <b>ў Д</b>  |            | asc. node                         | -646 May 18 j 03:39                              | 11° <b>8</b> 33'51                       |                         |
| superior conj    | -647 Jun 08 j 17:14 | 9° <b>Ⅱ</b> 35'43                                     | 1°18'34    | use. noue                         | 0.01.14, 10, 05.5                                | 11 03331                                 |                         |
| minimum elong    | -647 Jun 08 j 14:43 | 9° <b>Ⅱ</b> 22'10                                     | 1°18'13    | superior conj                     | -646 May 24 j 03:10                              | 24° <b>8</b> 31'56                       | 0°59'23                 |
| max. Earth dist. | -647 Jun 10 j 23:33 | 14° <b>Ⅱ</b> 25'16                                    | 1.33606 AU | minimum elong                     | -646 May 24 j 00:55                              | 24° <b>8</b> 19'41                       | 0°58'59                 |
| evening rise     | -647 Jun 16 j 06:13 | 25° <b>Ⅱ</b> 17'57                                    |            | max. Earth dist.                  | -646 May 25 j 07:21                              | 27° <b>8</b> 05'12                       | 1.32842 AU              |
| C                | -647 Jun 18 j 15:37 | 0ಂಣ   |            |                                   | -646 May 26 j 15:40                              | 0° <b>I</b> I                            |                         |
|                  | -647 Jul 06 j 11:23 | $0^{\circ}\Omega$                                     |            | evening rise                      | -646 May 31 j 07:12                              | 9° <b>Ⅱ</b> 47'44                        |                         |
| desc. node       | -647 Jul 10 j 08:52 | 5° <b>Ω</b> 21'45                                     |            | •                                 | -646 Jun 10 j 23:28                              | 0°ಅ                                      |                         |
| evening max el   | -647 Jul 20 j 03:12 | 16° <b>Ω</b> 34'27                                    | 27°22'58   | desc. node                        | -646 Jun 27 j 05:52                              | 23°545'25                                |                         |
| retrograde       | -647 Aug 02 j 16:53 | 23° <b>Ω</b> 54'43                                    |            | evening max el                    | -646 Jul 02 j 11:49                              | 29° <b>©</b> 21'57                       | 27°19'32                |
| evening set      | -647 Aug 09 j 20:13 | 21° <b>Ω</b> 11'50                                    |            |                                   | -646 Jul 03 j 04:06                              | $0^{\circ}\Omega$                        |                         |
| min. Earth dist. | -647 Aug 13 j 12:18 | 17° <b>Ω</b> 51'26                                    | 0.64089 AU | retrograde                        | -646 Jul 16 j 07:24                              | 6° <b>Ω</b> 40'10                        |                         |
| inferior conj    | -647 Aug 15 j 22:52 | 15° <b>Ω</b> 17'00                                    | -3°24'01   | evening set                       | -646 Jul 23 j 11:28                              | 4° <b>Ω</b> 13'13                        |                         |
| minimum elong    | -647 Aug 16 j 03:25 | 15° <b>Ω</b> 04'59                                    | 3°22'44    | min. Earth dist.                  | -646 Jul 27 j 01:28                              | 1° <b>Ω</b> 20'33                        | 0.62347 AU              |
| morning rise     | -647 Aug 22 j 11:30 | 9° <b>Ω</b> 53'47                                     |            |                                   | -646 Jul 28 j 12:09                              | 30° <b>₹</b> 5                           |                         |
| direct           | -647 Aug 25 j 02:31 | 9° <b>Ω</b> 18'57                                     |            | inferior conj                     | -646 Jul 30 j 00:33                              | 28° <b>©</b> 33'39                       | -4°06'37                |
| asc. node        | -647 Aug 27 j 05:48 | 9° <b>Ω</b> 42'16                                     |            | minimum elong                     | -646 Jul 30 j 04:53                              | 28° <b>©</b> 23'25                       | 4°05'46                 |
| morning max el   | -647 Aug 31 j 15:09 | 12° <b>Ω</b> 45'38                                    | 17°58'00   | morning rise                      | -646 Aug 05 j 23:36                              | 23° <b>©</b> 29'45                       |                         |
|                  | -647 Sep 12 j 11:56 | O° Mp   |            | direct                            | -646 Aug 08 j 11:57                              | 23° <b>©</b> 01'32                       |                         |
| morning set      | -647 Sep 17 j 19:23 | 9° <b>™</b> 03'59                                     |            | asc. node                         | -646 Aug 14 j 02:52                              | 25° <b>©</b> 25'15                       |                         |
|                  | -647 Sep 30 j 07:01 | 0∘ <b>ত</b>   |            | morning max el                    | -646 Aug 15 j 06:14                              | 26°527'27                                | 17°54'27                |
|                  |                     |   |            |                                   | -646 Aug 18 j 07:44                              | $0$ $^{\circ}\Omega$                     |                         |
| superior conj    | -647 Sep 30 j 16:58 | 0° <b>ჲ</b> 40'29                                     | 0°36'35    | morning set                       | -646 Aug 31 j 10:00                              | 21° <b>Ω</b> 43′27                       |                         |
| minimum elong    | -647 Sep 30 j 20:51 | 0° <b>ჲ</b> 56'20                                     | 0°36'03    |                                   | -646 Sep 05 j 01:06                              | 0°Щ                                      |                         |
| max. Earth dist. | -647 Oct 06 j 00:34 | 9° <b>≙</b> 14'03                                     | 1.44309 AU |                                   |  |  |                         |
| desc. node       | -647 Oct 06 j 08:15 | 9° <b>≏</b> 44'38                                     |            | superior conj                     | -646 Sep 11 j 11:31                              | 11°Mp 12'11                              |                         |
| evening rise     | -647 Oct 16 j 21:32 | 26° <b>£</b> 14'49                                    |            | minimum elong                     | -646 Sep 11 j 16:36                              | 11°My33'51                               | 1°12'01                 |
|                  | -647 Oct 19 j 08:09 | $0^{\circ}$ M.  |            | max. Earth dist.                  | -646 Sep 18 j 14:39                              | 23° <b>m</b> 05'39                       | 1.43027 AU              |
|                  | -647 Nov 08 j 21:09 | 0°⊀   |            |                                   | -646 Sep 22 j 21:37                              | 0∘ <b>⊽</b>                              |                         |
| evening max el   | -647 Nov 13 j 08:13 | 5° <b>х</b> 13′03                                     | 20°22'58   | desc. node                        | -646 Sep 23 j 05:16                              | 0° <b>ჲ</b> 30'23                        |                         |
| retrograde       | -647 Nov 21 j 06:34 | 9° <b>₹</b> 53'15                                     |            | evening rise                      | -646 Sep 26 j 05:12                              | 5° <b>£</b> 13'32                        |                         |
| asc. node        | -647 Nov 23 j 05:01 | 9° <b>∡</b> 31'50                                     |            |                                   | -646 Oct 12 j 17:30                              | 0°M                                      |                         |
| evening set      | -647 Nov 25 j 00:54 | 8° <b>∡</b> 31'14                                     |            | evening max el                    | -646 Oct 27 j 06:00                              | 18° <b>M</b> 41'16                       | 21°33'12                |
|                  |                     |   |            |                                   |  |  |                         |

| •   | nical year style is used: The  |  | •                     | / ·  |  | , ,   | 5 <b>C</b> 137     |
|---|--|--|-----------------------|--|--|---|--------------------|
| retrograde  | -646 Nov 05 j 03:25  | 23°M58'22  |                       | asc. node  | -645 Oct 27 j 23:09  | 2°M35'11  |                    |
| evening set   | -646 Nov 09 j 08:37  | 22°M19'44  |                       |  | -645 Oct 29 j 21:10  | 30° <b>Ŗ</b> Ω  |                    |
| asc. node   | -646 Nov 10 j 02:05  | 21°M42'27  |                       | inferior conj  | -645 Oct 30 j 00:13  | 29° <b>≏</b> 49'28  | 0°42'04            |
| inferior conj   | -646 Nov 14 j 17:10  | 16°M04'40  | 1°32'40               | minimum elong  | -645 Oct 29 j 23:15  | 29° <b>£</b> 52'49  | 0°41'39            |
| minimum elong   | -646 Nov 14 j 15:11  | 16°M11'30  | 1°31'53               | min. Earth dist.   | -645 Oct 29 j 19:08  | 0°M07'02  | 0.67629 AU         |
| min. Earth dist.  | -646 Nov 14 j 22:38  | 15°M45'46  | 0.67488 AU            | morning rise   | -645 Nov 04 j 06:24  | 23° <b>£</b> 38'38  | 0.07027710         |
| morning rise  | -646 Nov 19 j 21:36  | 9°M51'26   | 0.07400710            | direct   | -645 Nov 08 j 16:09  | 21° <b>⊆</b> 52'39  |                    |
| direct  | -646 Nov 24 j 22:08  | 7°M42'53   |                       | morning max el   | -645 Nov 17 j 17:03  | 27° <b>⊆</b> 12'07  | 21°48'36           |
| morning max el  | -646 Dec 05 j 03:40  | 13°M47'56  | 23°14'02              | morning max ci   | -645 Nov 20 j 07:04  | 0°M   | 21 40 30           |
| morning max ci  | -646 Dec 18 j 05:32  | 13 11 <b>0</b> 47 30   | 23 14 02              | desc. node   | -645 Dec 07 j 01:35  | 22°M48'15   |                    |
| desc. node  | -646 Dec 20 j 04:32  | 0 <b>x</b> ⁴<br>2° <b>x</b> ⁴45'09   |                       | desc. Hode   | -645 Dec 11 j 20:29  | 22 11 <b>0</b> 46 13  |                    |
| desc. node  | ,  | 2 x·4309<br>0°る  |                       | morning set  | ,  | 0 <b>x</b> .<br>12° <b>x</b> 34'48  |                    |
| morning got   | -645 Jan 06 j 23:02  |  |                       | •  | -645 Dec 19 j 22:08  |   | 1 41544 ATT        |
| morning set   | -645 Jan 08 j 23:46  | 3°る22'09   | 1 20402 411           | max. Earth dist.   | -645 Dec 26 j 07:09  | 22° <b>₹</b> 57'44  | 1.41544 AU         |
| max. Earth dist.  | -645 Jan 13 j 07:43  | 10° <b>る</b> 45'01   | 1.39482 AU            |  | -645 Dec 30 j 11:17  | 0°ප   |                    |
| superior conj   | -645 Jan 20 j 23:01  | 24° <b>පි</b> 27'03  | 1°56'07               | superior conj  | -644 Jan 02 j 22:27  | 6° <b>ප</b> 00'14   | 2°00'46            |
| minimum elong   | -645 Jan 21 j 01:33  | 24° <b>る</b> 38'46   |                       | minimum elong  | -644 Jan 02 j 21:51  | 5° <b>る</b> 57'37   |                    |
| minimum clong   | -645 Jan 23 j 22:12  | 24 <b>⊙</b> 36 40  | 1 30 00               | evening rise   | -644 Jan 13 j 14:47  | 25° <b>る</b> 19'44  | 2 00 48            |
| ovanina rias  | •  | 0 ≈<br>12°≈22'40   |                       | evening rise   | -644 Jan 16 j 03:42  | 23 <b>⊘</b> 1944<br>0° <b>≈</b>   |                    |
| evening rise  | -645 Jan 30 j 09:16  |  |                       | 4-   |  |   |                    |
| asc. node   | -645 Feb 06 j 01:23  | 24°≈51'27  |                       | asc. node  | -644 Jan 23 j 22:27  | 13°≈30'16   | 10011152           |
|   | -645 Feb 09 j 02:28  | 0° <b>∀</b>  | 10024140              | evening max el   | -644 Jan 30 j 00:31  | 21°≈26′10   | 18°11'52           |
| evening max el  | -645 Feb 15 j 16:08  | 8° <b>)</b> (34'43   | 18°34'40              | retrograde   | -644 Feb 05 j 22:24  | 24°≈55'16   |                    |
| retrograde  | -645 Feb 23 j 09:31  | 12° <b>∺</b> 21′10   |                       | evening set  | -644 Feb 08 j 13:02  | 24°≈26'12   |                    |
| evening set   | -645 Feb 25 j 19:37  | 12° <b>)</b> €00'11  |                       | inferior conj  | -644 Feb 15 j 09:55  | 19° <b>≈</b> 37'13  | 3°43'09            |
| inferior conj   | -645 Mar 05 j 08:22  | 7° <b>)</b> 32′11  | 3°06'35               | minimum elong  | -644 Feb 15 j 11:51  | 19° <b>≈</b> 32'50  | 3°42'58            |
| minimum elong   | -645 Mar 05 j 12:24  | 7° <b>∺</b> 24'19  | 3°05'44               | min. Earth dist.   | -644 Feb 18 j 17:16  | 16° <b>≈</b> 38'58  | 0.60288 AU         |
| min. Earth dist.  | -645 Mar 08 j 17:58  | 4° <b>) €</b> 54'38  | 0.58216 AU            | morning rise   | -644 Feb 22 j 08:46  | 13° <b>≈</b> 54'37  |                    |
| morning rise  | -645 Mar 13 j 02:30  | 2° <b>升</b> 10′58  |                       | direct   | -644 Feb 29 j 00:45  | 11° <b>≈</b> 49'06  |                    |
| desc. node  | -645 Mar 18 j 03:38  | 0° <b>)</b> 45′13  |                       | desc. node   | -644 Mar 04 j 00:43  | 12° <b>≈</b> 31'23  |                    |
| direct  | -645 Mar 18 j 23:47  | 0° <b>)</b> (43′26   |                       | morning max el   | -644 Mar 14 j 06:49  | 19° <b>≈</b> 35'49  | 27°27'59           |
| morning max el  | -645 Apr 02 j 07:57  | 8° <b>升</b> 18′29  | 26°33'19              |  | -644 Mar 23 j 03:50  | 0° <b>ℋ</b>   |                    |
|   | -645 Apr 18 j 15:54  | $0$ ° $\mathbf{\Upsilon}$  |                       |  | -644 Apr 10 j 09:32  | $0^{\circ}$ Y   |                    |
| morning set   | -645 May 01 j 14:05  | 24° <b>Ƴ</b> 19'32   |                       | morning set  | -644 Apr 14 j 22:02  | 9° <b>Ƴ</b> 04'05   |                    |
|   | -645 May 04 j 06:04  | $8^{\circ}$  |                       | asc. node  | -644 Apr 20 j 21:46  | 21° <b>Y</b> 51'38  |                    |
| asc. node   | -645 May 05 j 00:42  | 1° <b>8</b> 40'45  |                       | max. Earth dist.   | -644 Apr 21 j 08:11  | 22° <b>Y</b> 48'35  | 1.32393 AU         |
|   |  |  |                       |  |  |   |                    |
| superior conj   | -645 May 08 j 14:45  | 9° <b>8</b> 31'11  | 0°37'07               | superior conj  | -644 Apr 22 j 02:18  | 24° <b>Ƴ</b> 27'42  | 0°12'34            |
| minimum elong   | -645 May 08 j 13:11  | 9° <b>8</b> 22'36  | 0°36'48               | minimum elong  | -644 Apr 22 j 01:44  | 24° <b>Y</b> 24'36  | 0°12'26            |
| max. Earth dist.  | -645 May 08 j 19:30  | 9° <b>8</b> 57'14  | 1.32438 AU            | behind sun begin   | -644 Apr 21 j 22:36  | 24° <b>Ƴ</b> 07′27  |                    |
| evening rise  | -645 May 15 j 13:55  | 24° <b>8</b> 33'07   |                       | behind sun end   | -644 Apr 22 j 04:51  | 24° <b>Y</b> 41'44  |                    |
|   | -645 May 18 j 05:36  | $\Pi$ $^{\circ}0$  |                       |  | -644 Apr 24 j 14:57  | $9^{\circ}$ 8   |                    |
|   | -645 Jun 04 j 20:36  | $0$ $\circ$ $\odot$  |                       | evening rise   | -644 Apr 29 j 00:06  | 9° <b>8</b> 26'31   |                    |
| desc. node  | -645 Jun 14 j 02:53  | 10° <b>©</b> 59'14   |                       |  | -644 May 09 j 15:34  | $\Pi$ $^{\circ}0$   |                    |
| evening max el  | -645 Jun 14 j 14:57  | 11° <b>©</b> 28'23   | 26°43'08              | evening max el   | -644 May 26 j 11:12  | 22° <b>Ⅱ</b> 49'21  | 25°36'16           |
| retrograde  | -645 Jun 28 j 14:30  | 18° <b>5</b> 344'18  |                       | desc. node   | -644 May 30 j 23:55  | 26° <b>Ⅲ</b> 34'31  |                    |
| evening set   | -645 Jul 05 j 08:29  | 16°5946'35   |                       |  | -644 Jun 08 j 19:47  | 0°ಲಾ  |                    |
| min. Earth dist.  | -645 Jul 09 j 04:22  | 14° <b>©</b> 08'03   | 0.60346 AU            | retrograde   | -644 Jun 09 j 12:33  | 0°501'10  |                    |
| inferior conj   | -645 Jul 12 j 11:56  | 11° <b>5</b> 24'46   | -4°34'55              |  | -644 Jun 10 j 05:17  | 30°R <b>Ⅱ</b>   |                    |
| minimum elong   | -645 Jul 12 j 14:23  | 11° <b>©</b> 19'41   | 4°34'42               | evening set  | -644 Jun 15 j 07:15  | 28° <b>Ⅱ</b> 41'59  |                    |
| morning rise  | -645 Jul 19 j 22:11  | 6°9542'56  |                       | min. Earth dist.   | -644 Jun 19 j 23:21  | 25° <b>Ⅲ</b> 59'22  | 0.58293 AU         |
| direct  | -645 Jul 22 j 09:58  | 6°9519'23  |                       | inferior conj  | -644 Jun 23 j 05:23  | 23° <b>Ⅱ</b> 40′28  |                    |
| morning max el  | -645 Jul 29 j 18:10  | 9° <b>9</b> 54'09  | 18°10'08              | minimum elong  | -644 Jun 23 j 03:59  | 23° <b>∏</b> 42'58  |                    |
| asc. node   | -645 Jul 31 j 23:57  | 12° <b>©</b> 20'36   |                       | morning rise   | -644 Jul 01 j 03:21  | 19° <b>Ⅲ</b> 21'01  |                    |
| use. Hous   | -645 Aug 11 j 22:22  | 0° <b>Ω</b>  |                       | direct   | -644 Jul 03 j 15:59  | 19° <b>Ⅱ</b> 00'53  |                    |
| morning set   | 013 1145 11 1 22.22  |  |                       |  | ,  |   | 10046104           |
| morning sec   | -645 Aug 14 i 16:33  | 5°Ω09'07   |                       | morning max ei   | -644 Iul 11 i 23·51  | 22° 11.56'26  | 18*46*04           |
|   | -645 Aug 14 j 16:33  | 5° <b>Ω</b> 09'07  |                       | morning max el   | -644 Jul 11 j 23:51  | 22° <b>II</b> 56'26   | 18°46'04           |
| superior coni   |  |  | 1°35'15               | asc. node  | -644 Jul 17 j 21:01  | 0°©12'52  | 18°46'04           |
| superior conj   | -645 Aug 24 j 08:22  | 23° <b>Ω</b> 02'16   |                       | asc. node  | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35   | 0°ള12'52<br>0°ള   | 18°46'04           |
| superior conj<br>minimum elong  | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54   | 23° <b>£</b> 02'16<br>23° <b>£</b> 18'11   |                       | -  | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35<br>-644 Jul 28 j 10:25  | 0°©12'52<br>0°©<br>19°©08'28  | 18*46*04           |
| minimum elong   | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54<br>-645 Aug 28 j 06:44  | 23°\$\O2'16<br>23°\$\O2'18'11<br>0°\$\D  | 1°34'59               | asc. node  | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35   | 0°ള12'52<br>0°ള   | 18°46'04           |
| minimum elong max. Earth dist.  | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54<br>-645 Aug 28 j 06:44<br>-645 Aug 31 j 23:12   | 23° N 02'16<br>23° N 18'11<br>0° M<br>6° M 19'26                                     |                       | asc. node morning set  | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35<br>-644 Jul 28 j 10:25<br>-644 Aug 02 j 23:56   | 0°©12'52<br>0°©<br>19°©08'28<br>0°Ω   |                    |
| minimum elong max. Earth dist. evening rise                           | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54<br>-645 Aug 28 j 06:44<br>-645 Aug 31 j 23:12<br>-645 Sep 06 j 03:51  | 23° N 02'16<br>23° N 18'11<br>0° M<br>6° M 19'26<br>14° M 55'12                      | 1°34'59               | asc. node morning set superior conj                                | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35<br>-644 Jul 28 j 10:25<br>-644 Aug 02 j 23:56   | 0°©12'52<br>0°©<br>19°©08'28<br>0°N<br>5°N54'56   | 1°45'56            |
| minimum elong max. Earth dist.  | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54<br>-645 Aug 28 j 06:44<br>-645 Aug 31 j 23:12<br>-645 Sep 06 j 03:51<br>-645 Sep 10 j 02:16   | 23° N 02'16 23° N 18'11 0° M 6° M 19'26 14° M 55'12 21° M 12'17                      | 1°34'59               | asc. node morning set superior conj minimum elong                  | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35<br>-644 Jul 28 j 10:25<br>-644 Aug 02 j 23:56<br>-644 Aug 06 j 02:04<br>-644 Aug 06 j 03:22   | 0°\$12'52<br>0°\$<br>19°\$08'28<br>0°\$<br>5°\$\Omega\$54'56<br>6°\$\Omega\$01'02   | 1°45'56<br>1°45'54 |
| minimum elong max. Earth dist. evening rise                           | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54<br>-645 Aug 28 j 06:44<br>-645 Aug 31 j 23:12<br>-645 Sep 06 j 03:51<br>-645 Sep 10 j 02:16<br>-645 Sep 15 j 19:08                        | 23° N 02'16 23° N 18'11 0° M 6° M 19'26 14° M 55'12 21° M 12'17 0° Ω                 | 1°34'59               | asc. node morning set superior conj minimum elong max. Earth dist. | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35<br>-644 Jul 28 j 10:25<br>-644 Aug 02 j 23:56<br>-644 Aug 06 j 02:04<br>-644 Aug 06 j 03:22<br>-644 Aug 13 j 02:38                        | 0°\$12'52<br>0°\$<br>19°\$08'28<br>0°\$<br>5°\$\Omega\$54'56<br>6°\$\Omega\$01'02<br>18°\$\Omega\$47'49                                 | 1°45'56            |
| minimum elong max. Earth dist. evening rise desc. node                | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54<br>-645 Aug 28 j 06:44<br>-645 Aug 31 j 23:12<br>-645 Sep 06 j 03:51<br>-645 Sep 10 j 02:16<br>-645 Sep 15 j 19:08<br>-645 Oct 07 j 21:02 | 23° N 02'16 23° N 18'11 0° M 6° M 19'26 14° M 55'12 21° M 12'17 0° A 0° M            | 1°34'59<br>1.41270 AU | asc. node morning set superior conj minimum elong                  | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35<br>-644 Jul 28 j 10:25<br>-644 Aug 02 j 23:56<br>-644 Aug 06 j 02:04<br>-644 Aug 06 j 03:22<br>-644 Aug 13 j 02:38<br>-644 Aug 17 j 02:48 | 0°\$12'52<br>0°\$<br>19°\$08'28<br>0°\$<br>5°\$\$54'56<br>6°\$\$01'02<br>18°\$\$47'49<br>25°\$\$45'36                                   | 1°45'56<br>1°45'54 |
| minimum elong max. Earth dist. evening rise desc. node evening max el | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54<br>-645 Aug 28 j 06:44<br>-645 Aug 31 j 23:12<br>-645 Sep 06 j 03:51<br>-645 Sep 10 j 02:16<br>-645 Oct 07 j 21:02<br>-645 Oct 09 j 22:18 | 23° N 02'16 23° N 18'11 0° M 6° M 19'26 14° M 55'12 21° M 12'17 0° A 0° M 2° M 10'25 | 1°34'59<br>1.41270 AU | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35<br>-644 Jul 28 j 10:25<br>-644 Aug 02 j 23:56<br>-644 Aug 06 j 02:04<br>-644 Aug 13 j 02:38<br>-644 Aug 17 j 02:48<br>-644 Aug 19 j 15:17 | 0°\$12'52<br>0°\$<br>19°\$08'28<br>0°\$<br>5°\$\Omega\$54'56<br>6°\$\Omega\$01'02<br>18°\$\Omega\$47'49<br>25°\$\Omega\$45'36<br>0°\$\$ | 1°45'56<br>1°45'54 |
| minimum elong max. Earth dist. evening rise desc. node                | -645 Aug 24 j 08:22<br>-645 Aug 24 j 11:54<br>-645 Aug 28 j 06:44<br>-645 Aug 31 j 23:12<br>-645 Sep 06 j 03:51<br>-645 Sep 10 j 02:16<br>-645 Sep 15 j 19:08<br>-645 Oct 07 j 21:02 | 23° N 02'16 23° N 18'11 0° M 6° M 19'26 14° M 55'12 21° M 12'17 0° A 0° M            | 1°34'59<br>1.41270 AU | asc. node morning set superior conj minimum elong max. Earth dist. | -644 Jul 17 j 21:01<br>-644 Jul 17 j 17:35<br>-644 Jul 28 j 10:25<br>-644 Aug 02 j 23:56<br>-644 Aug 06 j 02:04<br>-644 Aug 06 j 03:22<br>-644 Aug 13 j 02:38<br>-644 Aug 17 j 02:48 | 0°\$12'52<br>0°\$<br>19°\$08'28<br>0°\$<br>5°\$\$54'56<br>6°\$\$01'02<br>18°\$\$47'49<br>25°\$\$45'36                                   | 1°45'56<br>1°45'54 |

| •                | inal year style is used: The |                     | •          | · · ·                        | 001 BCE in historical cou                  | , ,                          | ge 138      |
|------------------|------------------------------|---------------------|------------|------------------------------|--|------------------------------|-------------|
| evening max el   | -644 Sep 21 j 10:54          | 15° <b>£</b> 42'09  |            | max. Earth dist.             | -643 Jul 26 j 05:56                        |                              | 1.37320 AU  |
| =                | -644 Oct 02 j 13:17          | 22° <b>£</b> 13'15  | 24 11 20   |                              | -643 Jul 30 j 02:02                        | 7° <b>Ω</b> 46'33            | 1.37320 AU  |
| retrograde       | •                            | 19° <b>£</b> 58'37  |            | evening rise                 | 3  |                              |             |
| evening set      | -644 Oct 07 j 21:20          |                     | 0.67458 AU | 1 1-                         | -643 Aug 12 j 10:52                        | 0°M)<br>2°™07!25             |             |
| min. Earth dist. | -644 Oct 12 j 15:16          |                     |            | desc. node<br>evening max el | -643 Aug 13 j 20:17<br>-643 Sep 03 j 22:23 | 2° Mp 07'25                  | 25926129    |
| inferior conj    | -644 Oct 13 j 06:40          | 13° <b>Ω</b> 37'00  |            | evening max ei               | 1 3  | 29° m 18'08                  | 25°26'38    |
| minimum elong    | -644 Oct 13 j 06:56          | 13° <b>Ω</b> 36'03  |            |                              | -643 Sep 04 j 15:47                        | 0° <b>⊽</b>                  |             |
| transit middle   | -644 Oct 13 j 06:56          | 13° <b>Ω</b> 36'03  | 0°11'35    | retrograde                   | -643 Sep 16 j 00:06                        | 6° <b>£</b> 15'14            |             |
| transit begin    | -644 Oct 13 j 05:01          | 13° <b>Ω</b> 42'32  |            | evening set                  | -643 Sep 21 j 22:51                        | 3° <b>£</b> 44′28            |             |
| transit end      | -644 Oct 13 j 08:52          | 13° <b>Ω</b> 29'34  |            | i matra                      | -643 Sep 25 j 10:31                        | 30°R Mp                      | 0.66071 444 |
| asc. node        | -644 Oct 13 j 20:13          | 12° <b>£</b> 51'21  |            | min. Earth dist.             | -643 Sep 26 j 08:34                        | 28° Mp 50'15                 | 0.66971 AU  |
| morning rise     | -644 Oct 18 j 16:33          | 7° <b>Ω</b> 31'05   |            | inferior conj                | -643 Sep 27 j 10:44                        | 27° Mp 25'36                 |             |
| direct           | -644 Oct 22 j 13:01          | 6° <b>Ω</b> 06'21   | 20021150   | minimum elong                | -643 Sep 27 j 12:25                        | 27° m/20'11                  | 1°06'24     |
| morning max el   | -644 Oct 30 j 13:11          | 10° <b>Ω</b> 45'07  | 20°31′30   | asc. node                    | -643 Sep 30 j 17:16                        | 23° Mp 29'26                 |             |
| 1 1              | -644 Nov 14 j 04:25          | 0°M,                |            | morning rise                 | -643 Oct 03 j 02:07                        | 21° Mp 27'31                 |             |
| desc. node       | -644 Nov 22 j 22:36          | 13°M08'26           |            | direct                       | -643 Oct 06 j 11:24                        | 20° Mp 21'09                 | 10020100    |
| morning set      | -644 Nov 27 j 22:07          | 20°M48'17           |            | morning max el               | -643 Oct 13 j 16:52                        | 24° <b>m</b> 27'45           | 19°28'08    |
|                  | -644 Dec 03 j 18:50          | 0° <b>⊼</b>         |            |                              | -643 Oct 18 j 09:15                        | 0∘ <b>⊽</b>                  |             |
| max. Earth dist. | -644 Dec 07 j 13:33          | 6° <b>∡</b> °02'34  | 1.43288 AU | morning set                  | -643 Nov 06 j 21:50                        | 29° <b>≙</b> 09'42           |             |
|                  |                              |                     |            |                              | -643 Nov 07 j 10:47                        | 0° <b>M</b> ₊                |             |
| superior conj    | -644 Dec 13 j 20:46          | 16° <b>₹</b> 21'35  |            | desc. node                   | -643 Nov 09 j 19:37                        | 3°M40'59                     |             |
| minimum elong    | -644 Dec 13 j 15:31          | 15° <b>∡</b> ′59'43 | 1°50'28    | max. Earth dist.             | -643 Nov 20 j 03:02                        | 19°M51'13                    | 1.44489 AU  |
|                  | -644 Dec 21 j 21:23          | 0° <b>る</b>         |            |                              |  |                              |             |
| evening rise     | -644 Dec 26 j 04:26          | 7° <b>る</b> 30'07   |            | superior conj                | -643 Nov 23 j 16:25                        | 25°M30'41                    |             |
|                  | -643 Jan 08 j 17:08          | 0° <b>≈</b>         |            | minimum elong                | -643 Nov 23 j 08:18                        | 24°M58'16                    | 1°21'56     |
| asc. node        | -643 Jan 09 j 19:30          | 1° <b>≈</b> 28′25   |            |                              | -643 Nov 26 j 11:34                        | 0° <b>≯</b> ¹                |             |
| evening max el   | -643 Jan 12 j 12:21          | 4° <b>≈</b> 35′26   | 18°08'48   | evening rise                 | -643 Dec 07 j 21:54                        | 18° <b>⊀</b> 46'18           |             |
| retrograde       | -643 Jan 19 j 01:15          | 8° <b>≈</b> 01'16   |            |                              | -643 Dec 14 j 15:18                        | 0°ಕ                          |             |
| evening set      | -643 Jan 21 j 20:10          | 7° <b>≈</b> 23'00   |            | evening max el               | -643 Dec 27 j 00:50                        | 17° <b>る</b> 55'33           | 18°24'33    |
| inferior conj    | -643 Jan 28 j 04:39          | 2° <b>≈</b> 13′21   | 3°52'23    | asc. node                    | -643 Dec 27 j 16:32                        | 18° <b>る</b> 33'59           |             |
| minimum elong    | -643 Jan 28 j 04:20          | 2° <b>≈</b> 14'11   | 3°52'23    | retrograde                   | -642 Jan 02 j 13:42                        | 21° <b>る</b> 30'06           |             |
|                  | -643 Jan 30 j 08:17          | 30°Ŗる               |            | evening set                  | -642 Jan 05 j 13:21                        | 20° <b>ප්</b> 41'31          |             |
| min. Earth dist. | -643 Jan 31 j 00:42          | 29° <b>る</b> 18'51  | 0.62326 AU | inferior conj                | -642 Jan 11 j 12:35                        | 15° <b>る</b> 12'37           | 3°41'50     |
| morning rise     | -643 Feb 03 j 11:25          | 26° <b>る</b> 17'41  |            | minimum elong                | -642 Jan 11 j 10:40                        | 15° <b>る</b> 18'07           | 3°41'35     |
| direct           | -643 Feb 10 j 11:27          | 23° <b>る</b> 42'22  |            | min. Earth dist.             | -642 Jan 13 j 17:36                        | 12° <b>ප්</b> 40'57          | 0.64114 AU  |
| desc. node       | -643 Feb 18 j 21:46          | 26° <b>る</b> 50'16  |            | morning rise                 | -642 Jan 17 j 07:27                        | 9° <b>ට</b> 08'46            |             |
|                  | -643 Feb 22 j 20:05          | 0° <b>≈</b>         |            | direct                       | -642 Jan 24 j 05:42                        | 6° <b>ප</b> 18'22            |             |
| morning max el   | -643 Feb 24 j 11:28          | 1° <b>≈</b> 33'39   | 27°46'40   | desc. node                   | -642 Feb 05 j 18:49                        | 13° <b>ට</b> 05'43           |             |
|                  | -643 Mar 17 j 08:32          | 0° <b>∀</b>         |            | morning max el               | -642 Feb 06 j 19:50                        | 14° <b>る</b> 06'37           | 27°29'09    |
| morning set      | -643 Mar 30 j 01:00          | 23° <b>∺</b> 31′03  |            |                              | -642 Feb 19 j 17:52                        | 0° <b>≈</b>                  |             |
|                  | -643 Apr 02 j 04:15          | $0^{\circ}$ Y       |            |                              | -642 Mar 09 j 22:31                        | 0° <b>∀</b>                  |             |
| max. Earth dist. | -643 Apr 04 j 17:32          | 5° <b>Y</b> ′26′02  | 1.32723 AU | morning set                  | -642 Mar 13 j 20:19                        | 7° <b>₩</b> 31'01            |             |
|                  |                              |                     |            | max. Earth dist.             | -642 Mar 18 j 19:42                        | 17° <b>)</b> 36′45           | 1.33465 AU  |
| superior conj    | -643 Apr 06 j 12:07          | 9° <b>Ƴ</b> 15'56   | -0°13'30   |                              |  |                              |             |
| minimum elong    | -643 Apr 06 j 12:45          | 9° <b>Ƴ</b> 19'22   | 0°13'22    | superior conj                | -642 Mar 21 j 18:21                        | 23° <b>)</b> 48′51           | -0°40'05    |
| behind sun begin | -643 Apr 06 j 09:57          | 9° <b>Ƴ</b> 04'11   |            | minimum elong                | -642 Mar 21 j 20:15                        | 23° <b>)</b> € 58'58         | 0°39'42     |
| behind sun end   | -643 Apr 06 j 15:33          | 9° <b>Ƴ</b> 34'33   |            |                              | -642 Mar 24 j 15:46                        | $0^{\circ}\mathbf{\Upsilon}$ |             |
| asc. node        | -643 Apr 07 j 18:49          | 12° <b>Y</b> ′02'37 |            | asc. node                    | -642 Mar 25 j 15:50                        | 2° <b>Ƴ</b> 08'58            |             |
| evening rise     | -643 Apr 13 j 11:48          | 24° <b>Y</b> 21'24  |            | evening rise                 | -642 Mar 28 j 23:11                        | 9° <b>Ƴ</b> 10'36            |             |
|                  | -643 Apr 16 j 05:01          | 0°8                 |            |                              | -642 Apr 08 j 22:11                        | $6^{\circ}B$                 |             |
|                  | -643 May 04 j 17:00          | $\Pi^{\circ}0$      |            | evening max el               | -642 Apr 19 j 18:40                        | 14° <b>8</b> 12'14           | 22°33'03    |
| evening max el   | -643 May 08 j 02:36          | 3° <b>Ⅲ</b> 36′05   | 24°08'16   | retrograde                   | -642 May 02 j 20:26                        | 20° <b>8</b> 38'41           |             |
| desc. node       | -643 May 17 j 20:57          | 9° <b>Ⅱ</b> 55'58   |            | desc. node                   | -642 May 04 j 17:59                        | 20° <b>8</b> 30'41           |             |
| retrograde       | -643 May 21 j 23:03          | 10° <b>Ⅱ</b> 34′06  |            | evening set                  | -642 May 05 j 21:45                        | 20° <b>8</b> 18'13           |             |
| evening set      | -643 May 26 j 08:20          | 9° <b>Ⅱ</b> 51'17   |            | min. Earth dist.             | -642 May 14 j 02:48                        | 16° <b>8</b> 44'47           | 0.55335 AU  |
| min. Earth dist. | -643 Jun 01 j 13:57          | 6° <b>Ⅱ</b> 49'02   | 0.56507 AU | inferior conj                | -642 May 15 j 06:02                        | 16° <b>8</b> 06'04           | -2°50'00    |
| inferior conj    | -643 Jun 04 j 02:48          | 5° <b>Ⅱ</b> 14'13   |            | minimum elong                | -642 May 14 j 23:13                        | 16° <b>8</b> 15'47           |             |
| minimum elong    | -643 Jun 03 j 21:03          | 5° <b>Ⅲ</b> 23'14   |            | morning rise                 | -642 May 24 j 02:39                        | 12° <b>8</b> 11'47           |             |
| morning rise     | -643 Jun 12 j 12:39          | 1° <b>Ⅱ</b> 12'43   |            | direct                       | -642 May 26 j 21:24                        | 11° <b>8</b> 53'58           |             |
| direct           | -643 Jun 15 j 03:10          | 0° <b>Ⅱ</b> 54'47   |            | morning max el               | -642 Jun 07 j 06:02                        | 17° <b>8</b> 11'37           | 20°59'50    |
| morning max el   | -643 Jun 24 j 20:28          | 5° <b>Ⅱ</b> 25'11   | 19°42'50   | <b>2</b>                     | -642 Jun 17 j 03:06                        | 0°II                         |             |
| asc. node        | -643 Jul 04 j 18:04          | 18° <b>∏</b> 49'13  |            | asc. node                    | -642 Jun 21 j 15:05                        | 7° <b>Ⅱ</b> 58'15            |             |
|                  | -643 Jul 10 j 17:32          | 0ം <b>ತಾ</b>        |            | morning set                  | -642 Jun 26 j 19:22                        | 18° <b>Ⅱ</b> 15'07           |             |
| morning set      | -643 Jul 12 j 12:14          | 3° <b>©</b> 33'10   |            | <i>5</i>                     | -642 Jul 02 j 10:56                        | 0°ಅ                          |             |
| S                | <i>y</i>                     | - •                 |            |                              | <b>,</b> ,                                 |                              |             |
| superior conj    | -643 Jul 20 j 11:08          | 19° <b>©</b> 34'47  | 1°46'55    | superior conj                | -642 Jul 04 j 06:59                        | 3°547'51                     | 1°40'20     |
| minimum elong    | -643 Jul 20 j 10:31          | 19° <b>©</b> 31'43  | 1°46'55    | minimum elong                | -642 Jul 04 j 05:07                        | 3°538'13                     | 1°40'13     |
|                  |                              |                     |            |                              |  |                              |             |
|                  | -643 Jul 25 j 20:28          | $0^{\circ}\Omega$   |            | max. Earth dist.             | -642 Jul 08 j 15:14                        | 12° <b>©</b> 34'24           | 1.35595 AU  |

| •                   | nical year style is used: T |                           | •                  | * *                 |                     |   | ge 139     |
|---------------------|-----------------------------|---------------------------|--------------------|---------------------|---------------------|---|------------|
| evening rise        | -642 Jul 12 j 20:56         | 10°945'21                 | i astronomicai cou | minimum elong       | -641 Jun 18 j 07:50 | 18° <b>Ⅱ</b> 11'10                      | 1027'36    |
| evening rise        | -642 Jul 17 j 22:42         | 20 <b>3</b> 43 21         |                    | max. Earth dist.    | -641 Jun 21 j 09:46 | 24° <b>Ⅱ</b> 38'53                      | 1.34221 AU |
| JJ.                 | -                           |                           |                    | max. Earth dist.    | ,                   | 24°Щ38°ЭЭ                               | 1.34221 AU |
| desc. node          | -642 Jul 31 j 17:19         | 22° <b>Ω</b> 09'14        |                    |                     | -641 Jun 24 j 00:35 |   |            |
|                     | -642 Aug 06 j 08:28         | 0° m)                     | 2 (020100          | evening rise        | -641 Jun 26 j 06:39 | 4°\$28'42                               |            |
| evening max el      | -642 Aug 17 j 10:09         | 12° <b>m</b> 53'41        | 26°29'00           |                     | -641 Jul 10 j 16:34 | $0$ ° $\Omega$                          |            |
| retrograde          | -642 Aug 30 j 05:50         | 20° Mp 06'13              |                    | desc. node          | -641 Jul 18 j 14:20 | 11° <b>Ω</b> 43′02                      |            |
| evening set         | -642 Sep 05 j 18:30         | 17° Mp 23'46              |                    | evening max el      | -641 Jul 30 j 21:52 | 26° <b>Ω</b> 19'32                      | 27°10'49   |
| min. Earth dist.    | -642 Sep 09 j 20:33         | 13° Mp 06'52              |                    |                     | -641 Aug 04 j 05:17 | 0° <b>™</b>                             |            |
| inferior conj       | -642 Sep 11 j 10:32         | 11° <b>m</b> )11'36       |                    | retrograde          | -641 Aug 13 j 06:06 | 3°m/38'53                               |            |
| minimum elong       | -642 Sep 11 j 13:36         | 11° <b>m</b> 02'19        | 2°01'18            | evening set         | -641 Aug 20 j 05:46 | 0° Mp 52′42                             |            |
| morning rise        | -642 Sep 17 j 09:04         | 5° Mp 24'37               |                    |                     | -641 Aug 21 j 06:36 | $30^\circ$ R $\Omega$                   |            |
| asc. node           | -642 Sep 17 j 14:17         | 5° Mp 17'30               |                    | min. Earth dist.    | -641 Aug 24 j 00:53 | 27° <b>Ω</b> 12'59                      | 0.64943 AU |
| direct              | -642 Sep 20 j 09:24         | 4° Mp 33'11               |                    | inferior conj       | -641 Aug 26 j 03:52 | 24° <b>Ω</b> 50'44                      | -2°55'37   |
| morning max el      | -642 Sep 27 j 02:58         | 8° <b>m</b> )17'11        | 18°39'57           | minimum elong       | -641 Aug 26 j 08:03 | 24° <b>Ω</b> 39'05                      | 2°54'16    |
|                     | -642 Oct 12 j 08:53         | 0∘ <b>⊽</b>               |                    | morning rise        | -641 Sep 01 j 11:01 | 19° <b>Ω</b> 18'10                      |            |
| morning set         | -642 Oct 17 j 19:18         | 8° <b>≏</b> 40'14         |                    | direct              | -641 Sep 04 j 04:45 | 18° <b>Ω</b> 38'13                      |            |
| desc. node          | -642 Oct 27 j 16:39         | 24° <b>₽</b> 21'52        |                    | asc. node           | -641 Sep 04 j 11:20 | 18° <b>Ω</b> 38'37                      |            |
|                     | -642 Oct 31 j 06:30         | 0° <b>M</b>               |                    | morning max el      | -641 Sep 10 j 17:13 | 22° <b>Ω</b> 08'37                      | 18°08'22   |
|                     | J                           |                           |                    | Č                   | -641 Sep 16 j 20:08 | 0° <b>m</b> )                           |            |
| superior conj       | -642 Nov 02 j 18:18         | 3°M55'11                  | -0°38'55           | morning set         | -641 Sep 28 j 21:13 | 19° <b>m</b> ) 34'15                    |            |
| minimum elong       | -642 Nov 02 j 13:14         | 3°M35'17                  |                    | morning sec         | -641 Oct 05 j 04:35 | 0∘ <b>⊽</b>                             |            |
| max. Earth dist.    | -642 Nov 02 j 21:11         | 4°ML06'35                 | 1.44995 AU         |                     | 011 001 03 j 01.33  | о <b>—</b>                              |            |
| evening rise        | -642 Nov 18 j 15:55         | 29°ML04'01                | 1.44993 AU         | superior conj       | -641 Oct 12 j 23:10 | 12° <b>≏</b> 33'50                      | 0°10'22    |
| evening rise        | J                           | 0° <b>√</b>               |                    | minimum elong       | 3                   | 12 <b>⊆</b> 33 30<br>12° <b>⊆</b> 39'01 |            |
| 4 41 711            | -642 Nov 19 j 05:57         |                           | 0.0                | Č                   | -641 Oct 13 j 00:27 |   | 0-10-21    |
| greatest brilliancy | -642 Nov 26 j 09:38         | 11° <b>₹</b> '24'46       | -0.8m              | behind sun begin    | -641 Oct 12 j 16:03 | 12° <b>Ω</b> 05'28                      |            |
|                     | -642 Dec 09 j 05:33         | 0°る                       | 10050101           | behind sun end      | -641 Oct 13 j 08:52 | 13° <b>Ω</b> 12'32                      |            |
| evening max el      | -642 Dec 10 j 11:25         | 1°る21'23                  | 18°58'01           | desc. node          | -641 Oct 14 j 13:41 | 15° <b>Ω</b> 07'10                      |            |
| asc. node           | -642 Dec 14 j 13:33         | 4° <b>る</b> 33'00         |                    | max. Earth dist.    | -641 Oct 16 j 16:03 | 18° <b>≏</b> 26'39                      | 1.44758 AU |
| retrograde          | -642 Dec 17 j 08:04         | 5° <b>る</b> 15'01         |                    |                     | -641 Oct 24 j 00:54 | 0°M₊                                    |            |
| evening set         | -642 Dec 20 j 13:34         | 4° <b>る</b> 14'50         |                    | evening rise        | -641 Oct 29 j 11:24 | 8°M27'04                                |            |
|                     | -642 Dec 25 j 00:29         | 30°₽ <b>⋌</b>             |                    | greatest brilliancy | -641 Nov 11 j 11:31 | 28°M23'10                               | -0.7m      |
| inferior conj       | -642 Dec 26 j 06:09         | 28° <b>∡</b> ¹28'54       | 3°17'10            |                     | -641 Nov 12 j 13:29 | 0° <b>∡</b> 7                           |            |
| minimum elong       | -642 Dec 26 j 03:26         | 28° <b>∡</b> ³37′22       | 3°16'34            | evening max el      | -641 Nov 23 j 17:56 | 14° <b>∡</b> °48'46                     | 19°47'47   |
| min. Earth dist.    | -642 Dec 27 j 19:59         | 26° <b>∡</b> 31'10        | 0.65541 AU         | retrograde          | -641 Dec 01 j 05:14 | 19° <b>∡</b> 10′18                      |            |
| morning rise        | -642 Dec 31 j 17:02         | 22° <b>∡</b> 19'39        |                    | asc. node           | -641 Dec 01 j 10:36 | 19° <b>√</b> 10′01                      |            |
| direct              | -641 Jan 07 j 06:23         | 19° <b>∡</b> ¹28'56       |                    | evening set         | -641 Dec 04 j 18:18 | 17° <b>∡</b> 756'48                     |            |
| morning max el      | -641 Jan 20 j 05:32         | 27° <b>х</b> 04′27        | 26°40'33           | inferior conj       | -641 Dec 10 j 06:23 | 11° <b>∡</b> 756'51                     | 2°42'16    |
|                     | -641 Jan 22 j 23:48         | გ∘ე                       |                    | minimum elong       | -641 Dec 10 j 03:33 | 12° <b>∡</b> ¹06'11                     | 2°41'25    |
| desc. node          | -641 Jan 23 j 15:51         | 0° <b>る</b> 45'09         |                    | min. Earth dist.    | -641 Dec 11 j 06:26 | 10° <b>∡</b> ³37'21                     | 0.66580 AU |
|                     | -641 Feb 13 j 09:05         | 0° <b>≈</b>               |                    | morning rise        | -641 Dec 15 j 12:36 | 5° <b>х</b> 44′13                       |            |
| morning set         | -641 Feb 25 j 04:35         | 20°≈53'28                 |                    | direct              | -641 Dec 21 j 12:47 | 3° <b>✓</b> 04'38                       |            |
| max. Earth dist.    | -641 Mar 01 j 11:23         | 29°≈13'51                 | 1.34652 AU         | morning max el      | -640 Jan 02 j 14:39 | 10° <b>₹</b> 14'50                      | 25°20'02   |
| max. Earm dist.     | -641 Mar 01 j 20:38         | 0° <b>\</b>               | 1.54052 AU         | desc. node          | -640 Jan 10 j 12:54 | 10 <b>★</b> 14 30                       | 23 29 02   |
|                     | -041 Mai 01 j 20.36         | 0 /                       |                    | desc. Hode          | 3                   |   |            |
|                     | C41 M 05: 10.51             | 701/50146                 | 1007101            |                     | -640 Jan 18 j 07:46 | 5°0                                     |            |
| superior conj       | -641 Mar 05 j 18:51         | 7° <b>¥</b> 59'46         |                    |                     | -640 Feb 05 j 23:38 | 0° <b>≈</b>                             |            |
| minimum elong       | -641 Mar 05 j 21:54         | 8° <b>¥</b> 15′29         | 1°05′29            | morning set         | -640 Feb 07 j 21:07 | 3°≈24'15                                |            |
| asc. node           | -641 Mar 12 j 12:52         | 22° <b>₭</b> 06'32        |                    | max. Earth dist.    | -640 Feb 11 j 15:24 | 10° <b>≈</b> 22'22                      | 1.36279 AU |
| evening rise        | -641 Mar 13 j 08:24         | 23° <b>)</b> 47′57        |                    |                     |                     |   |            |
|                     | -641 Mar 16 j 09:31         | 0° <b>Υ</b>               |                    | superior conj       | -640 Feb 17 j 10:53 | 21° <b>≈</b> 40′08                      |            |
| evening max el      | -641 Apr 01 j 17:57         | 25° <b>Y</b> ′06′16       | 21°04'22           | minimum elong       | -640 Feb 17 j 14:36 | 21° <b>≈</b> 58'39                      | 1°29'08    |
|                     | -641 Apr 09 j 03:38         | $_{0\circ}$ 8             |                    |                     | -640 Feb 21 j 13:55 | 0° <b>ℋ</b>                             |            |
| retrograde          | -641 Apr 13 j 09:54         | 0° <b>8</b> 44'48         |                    | evening rise        | -640 Feb 25 j 13:23 | 8° <b>)</b> €06'12                      |            |
| evening set         | -641 Apr 15 j 16:53         | 0° <b>8</b> 32'32         |                    | asc. node           | -640 Feb 27 j 09:55 | 11° <b>)</b> 49'59                      |            |
|                     | -641 Apr 17 j 20:45         | 30° <b>ŖƳ</b>             |                    |                     | -640 Mar 08 j 16:56 | $0$ ° $\mathbf{Y}$                      |            |
| desc. node          | -641 Apr 21 j 15:00         | 28° <b>Y</b> ′24'42       |                    | evening max el      | -640 Mar 14 j 04:08 | 6° <b>Ƴ</b> 35'19                       | 19°51'02   |
| inferior conj       | -641 Apr 25 j 00:26         | 26° <b>Ƴ</b> 33'51        | -0°58'02           | retrograde          | -640 Mar 24 j 03:12 | 11° <b>Y</b> 21'38                      |            |
| minimum elong       | -641 Apr 24 j 21:41         | 26° <b>Ƴ</b> 37'44        |                    | evening set         | -640 Mar 26 j 06:29 | 11° <b>Y</b> ′09'25                     |            |
| min. Earth dist.    | -641 Apr 25 j 15:47         | 26° <b>Y</b> 12'08        | 0.55035 AU         | inferior conj       | -640 Apr 04 j 00:26 | 7° <b>Y</b> °07'56                      | 0°58'34    |
| morning rise        | -641 May 04 j 02:22         | 22° <b>Y</b> ′29'12       |                    | minimum elong       | -640 Apr 04 j 02:54 | 7° <b>Υ</b> '04'06                      | 0°57'43    |
| direct              | -641 May 07 j 07:55         | 22°Υ06'37                 |                    | min. Earth dist.    | -640 Apr 06 j 06:00 | 5° <b>Υ</b> 45'30                       | 0.55680 AU |
| morning max el      | -641 May 20 j 05:07         | 28° <b>Y</b> 16'35        | 22°33'09           | desc. node          | -640 Apr 07 j 12:02 | 5° <b>Υ</b> 01'12                       | 0.0000710  |
|                     | -641 May 21 j 22:46         | 0° <b>8</b>               | 55 07              | morning rise        | -640 Apr 12 j 21:02 | 2° <b>Υ</b> 35'22                       |            |
| asc. node           | -641 Jun 08 j 12:08         | 27° <b>8</b> 31'49        |                    | direct              | -640 Apr 16 j 23:55 | 2 γ 33 22<br>1° <b>Υ</b> 57'46          |            |
| asc. Hour           | -                           | 27° <b>G</b> 31'49<br>0°耳 |                    |                     |                     | 8° <b>Υ</b> 53'23                       | 24°13'51   |
|                     | -641 Jun 09 j 17:20         |                           |                    | morning max el      | -640 Apr 30 j 21:24 |   | 24 1331    |
| morning set         | -641 Jun 11 j 05:45         | 3° <b>Ⅱ</b> 08′26         |                    | 1                   | -640 May 16 j 09:36 | 0°8                                     |            |
|                     | C41 I 10:40 +=              | 100 110 111               | 1027152            | asc. node           | -640 May 25 j 09:12 | 17° <b>8</b> 23'06                      |            |
| superior conj       | -641 Jun 18 j 10:17         | 18° <b>Ⅱ</b> 24'11        | 1-2/32             | morning set         | -640 May 25 j 17:39 | 18° <b>8</b> 07'27                      |            |
|                     |                             |                           |                    |                     |                     |   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 140 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: The |                       | astronomical cou | inting style is the year | 901 BCE in historical co | ınting style.       |             |
|---------------------|-------------------------------|-----------------------|------------------|--------------------------|--------------------------|---------------------|-------------|
|                     | -640 May 31 j 06:20           | $\Pi^{\circ}0$        |                  | superior conj            | -639 May 17 j 05:18      | 18° <b>8</b> 14'15  | 0°50'16     |
|                     |                               |                       |                  | minimum elong            | -639 May 17 j 03:18      | 18° <b>8</b> 03'17  | 0°49'53     |
| superior conj       | -640 Jun 01 j 18:26           | 3° <b>Ⅱ</b> 15'33     | 1°10'51          | max. Earth dist.         | -639 May 17 j 23:09      | 19° <b>8</b> 51'49  | 1.32620 AU  |
| minimum elong       | -640 Jun 01 j 15:58           | 3° <b>Ⅱ</b> 02'14     | 1°10'28          |                          | -639 May 22 j 16:03      | $\Pi^{\circ}0$      |             |
| max. Earth dist.    | -640 Jun 03 j 13:15           | 7° <b>I</b> 106'06    | 1.33229 AU       | evening rise             | -639 May 24 j 06:46      | 3° <b>Ⅱ</b> 22'22   |             |
| evening rise        | -640 Jun 09 i 03:02           | 18° <b>Ⅱ</b> 44'40    |                  | Č                        | -639 Jun 07 j 17:21      | 0ංම                 |             |
|                     | -640 Jun 14 j 22:09           | 0ංම<br>               |                  | desc. node               | -639 Jun 21 j 08:22      | 18°934'35           |             |
|                     | -640 Jul 03 j 23:38           | $0 {\circ} \Omega$    |                  | evening max el           | -639 Jun 24 j 14:38      | 21°955'43           | 27°08'10    |
| desc. node          | -640 Jul 04 j 11:20           | 0° <b>Ω</b> 37'13     |                  | retrograde               | -639 Jul 08 j 12:34      | 29°913'46           | 27 00 10    |
|                     |                               |                       | 27925127         | C                        | ·                        |                     |             |
| evening max el      | -640 Jul 12 j 08:08           |                       | 27°25'26         | evening set              | -639 Jul 15 j 13:38      | 26°957'44           | 0.61500.177 |
| retrograde          | -640 Jul 26 j 00:43           | 16° <b>Ω</b> 44'51    |                  | min. Earth dist.         | -639 Jul 19 j 04:46      | 24°9512'58          | 0.61508 AU  |
| evening set         | -640 Aug 02 j 05:32           | 14° <b>Ω</b> 06'40    |                  | inferior conj            | -639 Jul 22 j 08:14      | 21°9525'07          |             |
| min. Earth dist.    | -640 Aug 05 j 19:53           | 10° <b>Ω</b> 59'40    | 0.63381 AU       | minimum elong            | -639 Jul 22 j 12:01      | 21°916'40           | 4°20'21     |
| inferior conj       | -640 Aug 08 j 12:10           | 8° <b>Ω</b> 17'58     | -3°43'25         | morning rise             | -639 Jul 29 j 11:59      | 16° <b>©</b> 30'24  |             |
| minimum elong       | -640 Aug 08 j 16:48           | 8° <b>Ω</b> 06′18     | 3°42'16          | direct                   | -639 Jul 31 j 23:41      | 16° <b>©</b> 04'32  |             |
| morning rise        | -640 Aug 15 j 05:10           | 3° <b>Ω</b> 02'57     |                  | morning max el           | -639 Aug 07 j 23:03      | 19° <b>©</b> 33'20  | 17°58'42    |
| direct              | -640 Aug 17 j 18:42           | 2° <b>£</b> 31′21     |                  | asc. node                | -639 Aug 08 j 05:29      | 19° <b>5</b> 349'15 |             |
| asc. node           | -640 Aug 21 j 08:24           | 3° <b>Ω</b> 33'29     |                  |                          | -639 Aug 15 j 15:39      | $0^{\circ}\Omega$   |             |
| morning max el      | -640 Aug 24 i 08:55           | 5° <b>Ω</b> 56'39     | 17°54'18         | morning set              | -639 Aug 23 j 22:14      | 14° <b>Ω</b> 41'11  |             |
|                     | -640 Sep 09 j 01:14           | 0° m)                 | -, -, -, -,      |                          | -639 Sep 01 j 09:20      | 0° m)               |             |
| morning set         | -640 Sep 10 j 00:12           | 1° m/40'26            |                  |                          | 037 Sep 01 j 07.20       | Ų,ių                |             |
| morning set         | -040 Sep 10 J 00.12           | 1 11/4020             |                  | gumariar agni            | 620 Can 02 : 00:00       | 20 m 25142          | 1°23'47     |
|                     | (40.C 22 : 01.57              | 220 m 1012 f          | 0052127          | superior conj            | -639 Sep 03 j 08:09      | 3° M) 25'42         |             |
| superior conj       | -640 Sep 22 j 01:57           | 22° m 19'25           | 0°53'26          | minimum elong            | -639 Sep 03 j 12:47      | 3° m/45'53          | 1°23'20     |
| minimum elong       | -640 Sep 22 j 06:49           | 22° m/39'37           | 0°52'49          | max. Earth dist.         | -639 Sep 10 j 19:31      | 16° Mp 07'20        | 1.42320 AU  |
|                     | -640 Sep 26 j 18:25           | 0∘ <b>⊽</b>           |                  | evening rise             | -639 Sep 17 j 06:25      | 26° My 33'33        |             |
| max. Earth dist.    | -640 Sep 28 j 08:15           | 2° <b>≏</b> 32'26     | 1.43824 AU       | desc. node               | -639 Sep 17 j 07:44      | 26° Mp 38'42        |             |
| desc. node          | -640 Sep 30 j 10:43           | 5° <b>≙</b> 54'02     |                  |                          | -639 Sep 19 j 10:57      | 0∘ <b>ত</b>         |             |
| evening rise        | -640 Oct 07 j 18:17           | 17° <b>≏</b> 21'36    |                  |                          | -639 Oct 09 j 21:45      | 0° <b>M</b>         |             |
|                     | -640 Oct 16 j 01:22           | 0°M                   |                  | evening max el           | -639 Oct 19 j 14:22      | 11°ML45'16          | 22°05'50    |
| evening max el      | -640 Nov 05 j 19:02           | 28°M16'48             | 20°51'32         | retrograde               | -639 Oct 28 j 22:56      | 17° <b>M</b> .19'10 |             |
|                     | -640 Nov 07 j 14:08           | 0° <b>∡</b> ¹         |                  | evening set              | -639 Nov 02 j 09:15      | 15°ML33'14          |             |
| retrograde          | -640 Nov 14 j 02:52           | 3° <b>҂</b> 12'47     |                  | asc. node                | -639 Nov 04 j 04:42      | 13°ML48'39          |             |
| asc. node           | -640 Nov 17 j 07:39           | 2° <b>҂</b> 14'35     |                  | inferior conj            | -639 Nov 07 j 17:29      | 9° <b>M</b> 15'37   | 1°11'42     |
| evening set         | -640 Nov 18 j 01:28           | 1° <b>х</b> 44′02     |                  | minimum elong            | -639 Nov 07 j 15:54      | 9°M21'07            | 1°11'03     |
| evening sec         | -640 Nov 19 j 22:34           | 30°RM                 |                  | min. Earth dist.         | -639 Nov 07 j 18:29      | 9°ML12'10           | 0.67585 AU  |
| inferior conj       | -640 Nov 23 j 10:51           | 25°M33'26             | 1°59'48          | morning rise             | -639 Nov 12 j 22:23      | 3°M02'55            | 0.07363 AC  |
| minimum elong       | ,                             |                       | 1°58'56          | direct                   | -639 Nov 17 j 16:33      | 1°ML03'43           |             |
| U                   | -640 Nov 23 j 08:26           | 25°M41'41             |                  |                          | •                        |                     | 22026157    |
| min. Earth dist.    | -640 Nov 23 j 22:47           | 24°M52'37             | 0.67253 AU       | morning max el           | -639 Nov 27 j 09:35      | 6°M49'26            | 22°36'57    |
| morning rise        | -640 Nov 28 j 15:13           | 19° <b>M</b> ₁9'35    |                  | desc. node               | -639 Dec 14 j 07:02      | 28°M34'01           |             |
| direct              | -640 Dec 04 j 00:30           | 16°M58'26             |                  |                          | -639 Dec 15 j 06:41      | 0° <b>∡</b> ¹       |             |
| morning max el      | -640 Dec 14 j 23:11           | 23°M30'18             | 24°04'30         | morning set              | -639 Dec 31 j 07:08      | 24° <b>∡</b> 747'46 |             |
|                     | -640 Dec 20 j 17:29           | 0° <b>∡</b>           |                  |                          | -638 Jan 03 j 10:29      | 0°ප                 |             |
| desc. node          | -640 Dec 27 j 09:58           | 8° <b>∡¹</b> 43'55    |                  | max. Earth dist.         | -638 Jan 05 j 07:09      | 3° <b>ට</b> 8'41    | 1.40377 AU  |
|                     | -639 Jan 10 j 17:30           | 0°ರ                   |                  |                          |                          |                     |             |
| morning set         | -639 Jan 19 j 15:57           | 14° <b>ප්</b> 47'18   |                  | superior conj            | -638 Jan 13 j 02:27      | 16° <b>る</b> 50'32  | -1°59'36    |
| max. Earth dist.    | -639 Jan 23 j 11:17           | 21° <b>පි</b> 28'08   | 1.38260 AU       | minimum elong            | -638 Jan 13 j 03:54      | 16° <b>ප</b> 57'08  | 1°59'35     |
|                     | -639 Jan 28 j 03:22           | 0° <b>≈</b>           |                  | Č                        | -638 Jan 20 j 04:57      | 0° <b>≈</b>         |             |
|                     | J                             |                       |                  | evening rise             | -638 Jan 23 j 00:24      | 5° <b>≈</b> 18'44   |             |
| superior conj       | -639 Jan 30 j 14:57           | 4° <b>≈</b> 40'55     | -1°48'33         | asc. node                | -638 Jan 31 j 04:01      | 20°≈12'02           |             |
| minimum elong       | -639 Jan 30 j 18:22           | 4°≈57'10              |                  | use. Houe                | -638 Feb 06 j 23:19      | 0° <b>∀</b>         |             |
| _                   | -                             | 4°≈57′10<br>21°≈58′54 | 1 701/           | avanina may al           | -                        | 1° <b>∺</b> 21′03   | 18022126    |
| evening rise        | -639 Feb 08 j 11:43           |                       |                  | evening max el           | -638 Feb 08 j 06:15      |                     | 18°22'36    |
|                     | -639 Feb 12 j 15:11           | 0° <b>∀</b>           |                  | retrograde               | -638 Feb 15 j 13:45      | 4° <b>)</b> € 57'48 |             |
| asc. node           | -639 Feb 13 j 06:58           | 1° <b>米</b> 14′01     |                  | evening set              | -638 Feb 18 j 01:59      | 4° <b>)</b> 33′28   |             |
| evening max el      | -639 Feb 25 j 01:04           | 18° <b>)</b> 42′23    | 18°56'48         | inferior conj            | -638 Feb 25 j 07:35      | 29° <b>≈</b> 56'52  | 3°25'54     |
| retrograde          | -639 Mar 05 j 11:03           | 22° <b>)</b> 45′50    |                  | minimum elong            | -638 Feb 25 j 10:51      | 29° <b>≈</b> 50′05  | 3°25'23     |
| evening set         | -639 Mar 07 j 18:12           | 22° <b>∺</b> 28'55    |                  |                          | -638 Feb 25 j 06:05      | 30° <b>R</b> ≈      |             |
| inferior conj       | -639 Mar 15 j 17:31           | 18° <b>¥</b> 12'45    | 2°30'05          | min. Earth dist.         | -638 Feb 28 j 17:54      | 27° <b>≈</b> 07′23  | 0.59086 AU  |
| minimum elong       | -639 Mar 15 j 21:59           | 18° <b>)</b> €04'47   | 2°28'53          | morning rise             | -638 Mar 04 j 17:21      | 24° <b>≈</b> 25'41  |             |
| min. Earth dist.    | -639 Mar 18 j 22:10           | 15° <b>¥</b> 57′21    | 0.57135 AU       | direct                   | -638 Mar 11 j 00:06      | 22° <b>≈</b> 41'23  |             |
| morning rise        | -639 Mar 23 j 22:45           | 13° <b>∺</b> 07'32    |                  | desc. node               | -638 Mar 12 j 06:10      | 22° <b>≈</b> 45′28  |             |
| desc. node          | -639 Mar 25 j 09:06           | 12° <b>)</b> ₹36'35   |                  |                          | -638 Mar 24 j 22:22      | 0° <b>)</b> €       |             |
| direct              | -639 Mar 29 j 05:25           | 12° <b>₩</b> 00'53    |                  | morning max el           | -638 Mar 25 j 07:31      | 0° <b>∺</b> 22'08   | 27°00'35    |
| morning max el      | -639 Apr 12 j 12:28           | 19° <b>\</b> 26'19    | 25°48'00         | J VI                     | -638 Apr 15 j 09:24      | 0° <b>Υ</b>         | 3035        |
| morning max ci      | -639 Apr 21 j 10:56           | 19 <b>γ</b> (2019     | 23 70 00         | morning set              | -638 Apr 24 j 15:15      | 17° <b>Υ</b> 57'57  |             |
|                     |                               | 0°8                   |                  | •                        |                          | 27° <b>Y</b> 35'46  |             |
|                     | -639 May 08 j 17:40           |                       |                  | asc. node                | -638 Apr 29 j 03:19      |                     |             |
| morning set         | -639 May 10 j 05:22           | 3° <b>8</b> 05'53     |                  |                          | -638 Apr 30 j 05:44      | $9^{\circ}$ 8       |             |
| asc. node           | -639 May 12 j 06:15           | 7° <b>8</b> 25'59     |                  |                          |                          |                     |             |
|                     |                               |                       |                  |                          |                          |                     |             |

| -                                 | nical year style is used: The              |  | _                     |                               |  |  | 50 141      |
|-----------------------------------|--|--|-----------------------|-------------------------------|--|--|-------------|
| superior conj                     | -638 May 01 j 17:06                        | 3° <b>8</b> 14'00                        |                       | superior conj                 | -637 Apr 16 j 04:07                        | 18° <b>Ƴ</b> 07'49                       | 0°01'40     |
| minimum elong                     | -638 May 01 j 15:56                        | 3° <b>8</b> 07'33                        | 0°26'42               | minimum elong                 | -637 Apr 16 j 04:02                        | 18° <b>Ƴ</b> 07'23                       | 0°01'39     |
| max. Earth dist.                  | -638 May 01 j 12:00                        | 2° <b>8</b> 45'56                        | 1.32378 AU            | behind sun begin              | -637 Apr 15 j 22:59                        | 17° <b>Ƴ</b> 39'49                       |             |
| evening rise                      | -638 May 08 j 15:16                        | 18° <b>8</b> 13'10                       |                       | behind sun end                | -637 Apr 16 j 09:05                        | 18° <b>Ƴ</b> 34'57                       |             |
|                                   | -638 May 14 j 11:51                        | $\Pi^{\circ}0$                           |                       | asc. node                     | -637 Apr 16 j 00:22                        | 17° <b>Ƴ</b> 47'20                       |             |
|                                   | -638 Jun 03 j 01:13                        | $0$ $\circ$ $\odot$                      |                       |                               | -637 Apr 21 j 14:58                        | $9^{\circ}$ 8                            |             |
| evening max el                    | -638 Jun 06 j 15:08                        | 3° <b>5</b> 44'05                        | 26°18'05              | evening rise                  | -637 Apr 23 j 02:20                        | 3° <b>8</b> 08'26                        |             |
| desc. node                        | -638 Jun 08 j 05:23                        | 5° <b>©</b> 11'11                        |                       |                               | -637 May 07 j 14:49                        | $\Pi^{\circ}0$                           |             |
| retrograde                        | -638 Jun 20 j 15:58                        | 10° <b>©</b> 58'09                       |                       | evening max el                | -637 May 19 j 08:56                        | 14° <b>Ⅱ</b> 48'33                       | 25°00'33    |
| evening set                       | -638 Jun 27 j 01:30                        | 9° <b>©</b> 16'38                        |                       | desc. node                    | -637 May 26 j 02:24                        | 19° <b>Ⅱ</b> 54'27                       |             |
| min. Earth dist.                  | -638 Jul 01 j 04:10                        |  | 0.59467 AU            | retrograde                    | -637 Jun 02 j 08:55                        | 21° <b>Ⅱ</b> 55'24                       |             |
| inferior conj                     | -638 Jul 04 j 12:26                        | 4°503'02                                 |                       | evening set                   | -637 Jun 07 j 14:25                        | 20°II52'41                               | 0.57402.441 |
| minimum elong                     | -638 Jul 04 j 13:28                        | 4°901'01                                 | 4°40'20               | min. Earth dist.              | -637 Jun 12 j 20:32                        | 18° <b>Ⅱ</b> 03'31                       | 0.57492 AU  |
|                                   | -638 Jul 10 j 18:38<br>-638 Jul 12 j 03:34 | 30°RⅡ<br>29°Ⅱ30'29                       |                       | inferior conj                 | -637 Jun 15 j 21:26                        | 16° <b>Ⅱ</b> 01'29<br>16° <b>Ⅱ</b> 07'11 |             |
| morning rise<br>direct            | -638 Jul 14 j 15:36                        | 29 <b>Ⅱ</b> 3029<br>29° <b>Ⅱ</b> 08'28   |                       | minimum elong<br>morning rise | -637 Jun 15 j 18:03<br>-637 Jun 24 j 00:27 | 10 <b>П</b> 0/11<br>11° <b>П</b> 50'30   | 4 30 10     |
| direct                            | -638 Jul 18 j 08:47                        | 29 П0626<br>0°9                          |                       | direct                        | -637 Jun 26 j 14:00                        | 11° <b>I</b> I30'30                      |             |
| morning max el                    | -638 Jul 22 j 08:37                        |  | 18°22'47              | morning max el                | -637 Jul 05 j 10:39                        | 15° <b>I</b> 39'31                       | 19°07'38    |
| asc. node                         | -638 Jul 26 j 02:33                        | 7° <b>©</b> 10'42                        | 10 22 47              | asc. node                     | -637 Jul 12 j 23:36                        | 25° <b>I</b> 23'05                       | 17 07 30    |
| morning set                       | -638 Aug 07 j 10:04                        | 28° <b>©</b> 22'43                       |                       | use. Hode                     | -637 Jul 15 j 16:58                        | 0°9                                      |             |
| morning sec                       | -638 Aug 08 j 06:26                        | 0° <b>Ω</b>                              |                       | morning set                   | -637 Jul 22 j 07:41                        | 12°934'07                                |             |
|                                   |  |  |                       | 3                             | <b>,</b>                                   |  |             |
| superior conj                     | -638 Aug 16 j 14:32                        | 15° <b>Ω</b> 44'04                       | 1°41'07               | superior conj                 | -637 Jul 30 j 15:24                        | 28° <b>©</b> 58'47                       | 1°47'24     |
| minimum elong                     | -638 Aug 16 j 17:07                        | 15° <b>Ω</b> 55'59                       | 1°40'58               | minimum elong                 | -637 Jul 30 j 15:48                        | 29°900'45                                | 1°47'25     |
| max. Earth dist.                  | -638 Aug 24 j 01:42                        | 29° <b>Ω</b> 02'06                       | 1.40444 AU            |                               | -637 Jul 31 j 04:06                        | $0^{\circ}\Omega$                        |             |
|                                   | -638 Aug 24 j 15:11                        | 0° <b>т</b> р                            |                       | max. Earth dist.              | -637 Aug 06 j 04:51                        | 11° <b>Ω</b> 16′39                       | 1.38433 AU  |
| evening rise                      | -638 Aug 28 j 14:57                        | 6° <b>™</b> 43'11                        |                       | evening rise                  | -637 Aug 10 j 00:36                        | 18° <b>Ω</b> 04'24                       |             |
| desc. node                        | -638 Sep 04 j 04:44                        | 17° <b>m</b> 17'45                       |                       |                               | -637 Aug 17 j 03:09                        | 0° <b>m</b> ∕                            |             |
|                                   | -638 Sep 12 j 14:15                        | 0∘ <b>ত</b>                              |                       | desc. node                    | -637 Aug 22 j 01:44                        | 7° <b>m</b> 47'10                        |             |
| evening max el                    | -638 Oct 02 j 04:57                        | 25° <b>£</b> 15'45                       | 23°25'37              |                               | -637 Sep 06 j 21:46                        | 0∘ <b>⊽</b>                              |             |
|                                   | -638 Oct 08 j 00:41                        | 0°M                                      |                       | evening max el                | -637 Sep 14 j 16:49                        | 8° <b>≏</b> 49'34                        | 24°44'31    |
| retrograde                        | -638 Oct 12 j 16:06                        | 1°M26'46                                 |                       | retrograde                    | -637 Sep 26 j 05:22                        | 15° <b>≙</b> 32'33                       |             |
|                                   | -638 Oct 16 j 20:36                        | 30° <b>₹</b> Ω                           |                       | evening set                   | -637 Oct 01 j 19:50                        | 13° <b>⊆</b> 10'28                       |             |
| evening set                       | -638 Oct 17 j 15:55                        | 29° <b>£</b> 22'32                       |                       | min. Earth dist.              | -637 Oct 06 j 10:08                        |  | 0.67293 AU  |
| asc. node                         | -638 Oct 22 j 01:46                        | 24° <b>£</b> 18'57                       | 0.67500 ATT           | inferior conj                 | -637 Oct 07 j 06:05                        | 6° <b>Ω</b> 49'42                        |             |
| min. Earth dist.<br>inferior conj | -638 Oct 22 j 15:03<br>-638 Oct 23 j 00:28 | 23° <b>△</b> 33'42<br>23° <b>△</b> 01'28 | 0.67598 AU<br>0°19'33 | minimum elong asc. node       | -637 Oct 07 j 06:57<br>-637 Oct 08 j 22:48 | 6° <b>♀</b> 46'50<br>4° <b>♀</b> 37'23   | 0-34-44     |
| minimum elong                     | -638 Oct 22 j 24:00                        | 23° <b>⊆</b> 01'28                       |                       | morning rise                  | -637 Oct 12 j 18:07                        | 0° <b>£</b> 47'03                        |             |
| morning rise                      | -638 Oct 28 j 07:59                        | 23 <b>≅</b> 03 03 16° <b>£</b> 52'28     | 0 1921                | morning rise                  | -637 Oct 12 j 18:07                        | 0 ==4703<br>30°RMp                       |             |
| direct                            | -638 Nov 01 j 11:59                        | 15° <b>⊆</b> 15'37                       |                       | direct                        | -637 Oct 16 j 09:35                        | 29° <b>m</b> ) 30'34                     |             |
| morning max el                    | -638 Nov 10 j 01:27                        | 20° <b>≙</b> 16′20                       | 21°14'33              |                               | -637 Oct 18 j 18:22                        | 0∘ <b>⊽</b>                              |             |
|                                   | -638 Nov 18 j 03:00                        | 0°M                                      |                       | morning max el                | -637 Oct 24 j 00:55                        | 3° <b>£</b> 54'07                        | 20°03'03    |
| desc. node                        | -638 Dec 01 j 04:03                        | 18°M45'03                                |                       | S                             | -637 Nov 12 j 00:54                        | 0° <b>M</b> ₊                            |             |
|                                   | -638 Dec 08 j 12:40                        | 0° <b>∡</b> ¹                            |                       | desc. node                    | -637 Nov 18 j 01:03                        | 9° <b>ጤ</b> 11'17                        |             |
| morning set                       | -638 Dec 10 j 18:04                        | 3° <b>х</b> 28′47                        |                       | morning set                   | -637 Nov 19 j 14:48                        | 11°MJ36'55                               |             |
| max. Earth dist.                  | -638 Dec 18 j 09:42                        | 15° <b>∡</b> ¹45'17                      | 1.42340 AU            | max. Earth dist.              | -637 Nov 30 j 19:55                        | 29°M13'03                                | 1.43874 AU  |
|                                   |  |  |                       |                               | -637 Dec 01 j 07:39                        | 0° <b>∡</b> ¹                            |             |
| superior conj                     | -638 Dec 25 j 15:46                        | 27° <b>₹</b> 54'32                       |                       |                               |  |  |             |
| minimum elong                     | -638 Dec 25 j 13:16                        | 27° <b>∡</b> 43'49                       | 1°58'32               | superior conj                 | -637 Dec 06 j 02:28                        | 7° <b>∡</b> ¹43'51                       |             |
|                                   | -638 Dec 26 j 20:56                        | 0°る                                      |                       | minimum elong                 | -637 Dec 05 j 19:28                        | 7° <b>∡</b> 15'17                        | 1°40'36     |
| evening rise                      | -637 Jan 05 j 23:39                        | 17° <b>る</b> 56'54                       |                       | evening rise                  | -637 Dec 19 j 05:17                        | 29° <b>∡</b> ¹45'36                      |             |
|                                   | -637 Jan 12 j 17:37                        | 0° <b>≈</b>                              |                       |                               | -637 Dec 19 j 08:38                        | 0°る                                      |             |
| asc. node                         | -637 Jan 18 j 01:04                        | 8°≈34'55                                 | 10000114              | asc. node                     | -636 Jan 04 j 22:06                        | 26°る12'21                                | 10012112    |
| evening max el                    | -637 Jan 22 j 16:29                        | 14°≈21'16                                | 18°08'14              | evening max el                | -636 Jan 06 j 04:51                        | 27° <b>ප</b> 35'37                       | 18°13'12    |
| retrograde<br>evening set         | -637 Jan 29 j 09:11<br>-637 Feb 01 j 01:45 | 17°≈47'14<br>17°≈14'13                   |                       | retrograde                    | -636 Jan 09 j 04:09<br>-636 Jan 12 j 16:47 | 0° <b>≈</b><br>1° <b>≈</b> 04'05         |             |
| inferior conj                     | -637 Feb 07 j 16:54                        | 17 ≈14 13<br>12°≈16'05                   | 3°49'56               | evening set                   | -636 Jan 15 j 13:34                        | 0°≈21'34                                 |             |
| minimum elong                     | -637 Feb 07 j 17:50                        | 12°≈16'05<br>12°≈13'51                   | 3°49'50<br>3°49'53    | evening set                   | -636 Jan 15 j 15:34                        | 0°≈21°34<br>30°Ŗる                        |             |
| min. Earth dist.                  | -637 Feb 10 j 20:05                        | 9°≈17'01                                 | 0.61174 AU            | inferior conj                 | -636 Jan 21 j 17:45                        | 25°る03'12                                | 3°49'59     |
| morning rise                      | -637 Feb 14 j 08:28                        | 6°≈27'25                                 | 5.01171110            | minimum elong                 | -636 Jan 21 j 16:39                        | 25°පි06'11                               | 3°49'54     |
| direct                            | -637 Feb 21 j 05:13                        | 4°≈07'59                                 |                       | min. Earth dist.              | -636 Jan 24 j 07:27                        | 23° <b>ප</b> 16'45                       | 0.63121 AU  |
| desc. node                        | -637 Feb 27 j 03:14                        | 5°≈40'45                                 |                       | morning rise                  | -636 Jan 27 j 18:55                        | 19°る03'26                                |             |
| morning max el                    | -637 Mar 07 j 08:53                        | 11° <b>≈</b> 56′28                       | 27°40'32              | direct                        | -636 Feb 03 j 19:03                        | 16° <b>පි</b> 20'08                      |             |
| -                                 | -637 Mar 21 j 15:05                        | 0° <b>)</b> €                            |                       | desc. node                    | -636 Feb 14 j 00:16                        | 20° <b>ප</b> 53'41                       |             |
|                                   | -637 Apr 07 j 14:42                        | $0^{\circ}\mathbf{\Upsilon}$             |                       | morning max el                | -636 Feb 17 j 15:40                        | 24° <b>る</b> 11'10                       | 27°43'32    |
| morning set                       | -637 Apr 08 j 21:21                        | 2° <b>Y</b> 36'06                        |                       |                               | -636 Feb 22 j 22:15                        | 0° <b>≈</b>                              |             |
| max. Earth dist.                  | -637 Apr 14 j 23:56                        | 15° <b>Ƴ</b> 34'13                       | 1.32495 AU            |                               | -636 Mar 13 j 22:50                        | 0° <b>∀</b>                              |             |
|                                   |  |  |                       |                               |  |  |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 142 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| moning set   -046 Mar 2   1045   28   28   1079   1   1   1   1   1   1   1   1   1  | Attention, astronom | nical year style is used: T | The year -900 in   | astronomical cou | inting style is the year | 901 BCE in historical cou | inting style.                |                        |
|--|---------------------|-----------------------------|--------------------|------------------|--------------------------|---------------------------|------------------------------|------------------------|
| Septem   S | morning set         | -636 Mar 22 j 21:25         | 16° <b>¥</b> 52'49 |                  |                          | -635 Feb 16 j 20:30       | 0° <b>≈</b>                  |                        |
| 1,000   1,00 | max. Earth dist.    | -636 Mar 28 j 06:52         | 28° <b>∺</b> 02'30 | 1.32992 AU       |                          | -635 Mar 06 j 04:36       | 0° <b>∀</b>                  |                        |
|  |                     | -636 Mar 29 j 04:55         | $0$ ° $\Upsilon$   |                  | morning set              | -635 Mar 06 j 12:34       | 0° <b>)</b> 38′36            |                        |
| minimacheng not noted on                       |                     |                             |                    |                  | max. Earth dist.         | -635 Mar 11 j 04:50       | 9° <b>∺</b> 58'50            | 1.33906 AU             |
| Sec. mode  | superior conj       | -636 Mar 30 j 12:37         | 2° <b>Y</b> ′50'02 | -0°24'46         |                          |                           |                              |                        |
| Seeming rise   .656 Apr 10 j 1407   See   .650 Apr 20 j 1230   See   .650 | minimum elong       | -636 Mar 30 j 13:47         | 2° <b>Y</b> 56'22  | 0°24'31          | superior conj            | -635 Mar 14 j 16:42       | 17° <b>∺</b> 14'28           | -0°51'16               |
|  | asc. node           | -636 Apr 01 j 21:24         | 7° <b>Ƴ</b> 56'47  |                  | minimum elong            | -635 Mar 14 j 19:07       | 17° <b>¥</b> 27'12           | 0°50'47                |
| See mode   | evening rise        | -636 Apr 06 j 14:07         | 18° <b>Ƴ</b> 01'34 |                  | asc. node                | -635 Mar 19 j 18:27       | 28° <b>)</b> €00'03          |                        |
|  |                     | -636 Apr 12 j 12:28         | 0°8                |                  |                          | -635 Mar 20 j 17:07       | $0^{\circ}\mathbf{\Upsilon}$ |                        |
| Second   -6.6 May 11   23-27   2710755   creening max cl   -6.35 Apr 11   1757   creening set   -6.36 May 13   1522   2711344   creening set   -6.36 May 13   1522   2711344   creening set   -6.36 May 13   1524   creening set   -6.36 May 13   1524   creening set   -6.36 May 13   1525   creening set   -6.36 May 14   1525   creening set   -6.36 May 16   1525   creening set   -6.3 | evening max el      | -636 Apr 29 j 23:30         | 25° <b>8</b> 26'10 | 23°27'34         | evening rise             | -635 Mar 22 j 00:48       | 2° <b>Y</b> 46'22            |                        |
| desc. node   |                     | -636 May 05 j 21:21         | $\Pi$ $^{\circ}0$  |                  | -                        | -635 Apr 06 j 10:04       | 0°8                          |                        |
| crompaged verwing set 1  | desc. node          |                             | 2° <b>Ⅱ</b> 07'55  |                  | evening max el           |                           | 6° <b>8</b> 07'25            | 21°53'58               |
|  | retrograde          | -636 May 13 j 13:52         |                    |                  | •                        |                           | 12° <b>8</b> 15'30           |                        |
| 1.0 min Farth dist   4.36 May 21   15:16   30% 25   3   | _                   |                             |                    |                  |                          | 1 0                       | 12° <b>8</b> 00'04           |                        |
| min Earth dist.         63 May 24 jo 0.50         28°B2808 0.5919 AU         minimum clong         -63 May 06 jo 10.23         27°B4577 3/3942         minimum clong         -63 May 06 jo 10.23         27°B4578 2.7324         minimum clong         -635 May 06 jo 12.50         88°B0320 2.02033           morning rise         -636 May 12 jo 10.13         27°B4509 2.7245         arsa morning rise         -635 May 15 jo 818         37°B5785         40°B400 2.7245         37°B404 2.7245         40°B400 2.7245         38°B084 4.05508 5.0         40°B400 2.7245         38°B084 4.05508 5.0         40°B400 2.7245         40°B400 2.7  | C                   |                             |                    |                  | •                        |                           |                              |                        |
| minimum clong  | min. Earth dist.    |                             |                    | 0.55919 AU       |                          |                           |                              | -2°05'25               |
| minimum long   |                     |                             |                    |                  | ·                        |                           |                              |                        |
| morning rine   | •                   |                             |                    |                  | •                        |                           | _                            |                        |
|  | •                   |                             |                    | 2 20 00          |                          |                           |                              | 0.000000110            |
| morning max el   | -                   | -                           |                    |                  | •                        |                           |                              |                        |
| Second   19   19   19   19   19   19   19   1  |                     |                             |                    | 20°13'20         |                          |                           |                              | 21°37'54               |
| Section   1.5    | morning max er      |                             |                    | 20 13 20         | morning max cr           | , ,                       |                              | 21 37 34               |
| moming set   | asc node            | -                           |                    |                  | asc node                 | -                         |                              |                        |
| Second   George   G |                     | •                           |                    |                  |                          |                           |                              |                        |
| superior conj         -635 Jul         13 j 0.51         12°254'24 l°44'56         minimum clong         -635 Jul         27 j 0.247         27°21'08'0         1°33'00'           minimum clong         -636 Jul 13 j 0.511         12°254'81'0 l°44'54         minimum clong         -635 Jul 23 j 11.55         0°25'         1°35'00'         1°35'00'         3°35'00'         1°35'00'   | morning set         | -                           |                    |                  | morning set              | -033 Juli 19 j 20.46      | 11 113437                    |                        |
| superior conj  |                     | -030 Jul 00 J 21.30         | 0 🗐                |                  |                          | (25 1 27:04.50            | 270T 10120                   | 1025141                |
| minimum clong         -636 Jul         18 j 09-50         29°296'22         1.3654 AU         max. Earth dist.         -635 Jul         30 j 12 j 08-48         0°20 s 20°206'22         1.3654 AU         max. Earth dist.         -635 Jul         30 j 12 j 08-48         5°2000 To Ω         1.39°25 IV4         verning rise         -635 Jul         10 j 03.70         13°25 IV4         verning rise         -635 Jul         10 j 09.70         10°20         verning rise         -635 Jul         10 j 09.70         10°20         verning rise         -635 Jul         11 j 09.07         0°20         verning rise         -635 Jul         20 j 19.07         17°20.5249         verning rise         -635 Jul         10 j 09.15         35°88'22         26°49'42         verning max el         -636 Aug 07 j 02-40         22°m j 5°3         25°55'10         evening max el         -635 Aug 09 j 18-10         25°m j 88'22         26°49'42         verning max el         -635 Sep 08 j 19'10         26°80 p 09 j 09.33         26°90 j 00-30         26°m j 89'00'53         verning set         -635 Sep 09 j 09.53         30°m j 18'10         25°m j 30'50         verning set         -635 Sep 09 j 09.54         30°m j 30   |                     | (2( 1 1 12:05.21            | 1206574124         | 1044157          |                          | -                         |                              |                        |
| max Earth dist.         -636 Jul         18 j0 p.50         23°80022         2.36544 AU         max. Earth dist.         -635 Jul         05 j 1.37         13°962 AU           evening rise         -636 Jul         22 j 0.156         0°Ω         -635 Jul         10 j 1.03         13°951 V4           desc. node         -636 Aug         07 j 0.245         28°2001 l0         desc. node         -635 Jul         25 j 1.947         17°74,22 V4           evening max el         -636 Aug         07 j 0.402         22°8 25°13         25°55'10         evening max el         -635 Aug 0.9 j 1.52         5°785'82         26'4942           evening set         -636 Sep         14 j 1907         26'% 54'02         evening set         -635 Aug         29 j 10.31         10°8901 l         46'98'10'2           minimum clong         -636 Sep         19 j 10.23         22°8 j 18'4         0.66666 AU         min. Earth dist.         -635 Sep         0.9 j 10.31         10°827'1         0.6565 AU           minimum clong         -636 Sep         20 j 10.93         20°8 37'2         1-30'44         inferior conj         -635 Sep         0.9 j 0.33         18'811'0         22'2'1         30'4         0.9 j 0.33         18'81'10         22'2'1         30'5'2         0.9 j 0.33         18'81'10         22'2'  |                     | •                           |                    |                  | minimum elong            |                           |                              | 1°35′30                |
| evening rise   | _                   | -                           |                    |                  | E d F                    | -                         |                              | 1 240/2 444            |
| Gasc. node   |                     |                             |                    | 1.36544 AU       |                          | -                         |                              | 1.34962 AU             |
| desc. node   | evening rise        | -                           |                    |                  | evening rise             | ,                         |                              |                        |
| cevening max el   -636 Aug 09 j 06:54   0° m   cevening max el   -635 Aug 04 j 02:24   0° m   cevening max el   -636 Aug 27 j 04:02   20° 49:42   cevening set   -636 Sep 08 j 14:10   20° m 30'05   retrograde   -635 Aug 22 j 17:54   13° m 15'26   evening set   -636 Sep 19 j 01:23   22° m 15'45   cevening set   -635 Aug 22 j 17:54   13° m 15'26   evening set   -636 Sep 19 j 01:23   22° m 15'45   cevening set   -635 Aug 22 j 11:35   10° m 30'14   min. Earth dist.   -636 Sep 19 j 01:23   22° m 15'45   cevening set   -635 Aug 22 j 11:35   10° m 30'14   min. Earth dist.   -636 Sep 19 j 01:23   22° m 15'45   cevening set   -635 Aug 29 j 11:35   10° m 30'14   min. Earth dist.   -636 Sep 02 j 08:33   20° m 30'13   1° 29'49   minimum elong   -635 Sep 04 j 09:30   4° m 11'09   2° 24'10   asc. node   -636 Sep 26 j 02:48   14° m 14'75'3   morning max el   -636 Sep 26 j 02:48   14° m 14'75'3   morning max el   -636 Sep 26 j 02:48   14° m 14'75'3   morning max el   -636 Sep 26 j 02:48   14° m 14'75'3   morning max el   -636 Sep 29 j 07:54   13° m 14'30   asc. node   -635 Sep 10 j 07:57   28° 24'06'58   morning max el   -636 Sep 29 j 07:54   13° m 14'30   asc. node   -635 Sep 10 j 07:57   28° 24'06'58   morning max el   -636 Sep 29 j 07:54   13° m 14'30   asc. node   -635 Sep 10 j 07:57   28° 24'06'58   morning max el   -636 Sep 29 j 20' 22:44   morning max el   -635 Sep 10 j 07:57   28° 24'06'58   morning set   -636 Nov 03 j 22:04   20° 24'224   morning max el   -635 Sep 10 j 03:04   20° 24'15   10° 11'15  |                     |                             |                    |                  |                          | -                         |                              |                        |
| evening max el   | desc. node          |                             |                    |                  | desc. node               |                           |                              |                        |
| retrograde   |                     | • •                         | -                  |                  |                          | • •                       |                              |                        |
| evening set  | •                   |                             |                    | 25°55'10         | •                        |                           | ~                            | 26°49'42               |
| min. Earth dist.   | •                   |                             |                    |                  | •                        |                           |                              |                        |
| Inferior conj  | evening set         |                             | -                  |                  | -                        |                           |                              |                        |
| minimum clong asc. node  | min. Earth dist.    |                             | 22° <b>m</b> 15'45 | 0.66656 AU       | min. Earth dist.         | -635 Sep 02 j 10:31       | 6° Mp 29'11                  | 0.65673 AU             |
| asc. node  | inferior conj       |                             |                    |                  | inferior conj            |                           |                              |                        |
| morning rise   | minimum elong       | -636 Sep 20 j 10:49         | 20° Mp 30'13       | 1°29'49          | minimum elong            | -635 Sep 04 j 09:30       | 4° Mp 11′09                  | 2°24'10                |
| direct   | asc. node           | -636 Sep 24 j 19:50         | 15° <b>m</b> 40'19 |                  |                          | -635 Sep 08 j 09:33       | $30^\circ$ R $\Omega$        |                        |
| morning max el   | morning rise        | -636 Sep 26 j 02:48         | 14° <b>m</b> 43'53 |                  | morning rise             | -635 Sep 10 j 07:57       | 28° <b>Ω</b> 40′18           |                        |
| Good   Figure   Good   Figure   Good   Go  | direct              | -636 Sep 29 j 07:54         | 13° <b>m</b> 44'30 |                  | asc. node                | -635 Sep 11 j 16:52       | 28° <b>Ω</b> 06'58           |                        |
| morning set  | morning max el      | -636 Oct 06 j 07:38         | 17° <b>m</b> 40'31 | 19°05'42         | direct                   | -635 Sep 13 j 05:04       | 27° <b>Ω</b> 54'17           |                        |
| desc. node   |                     | -636 Oct 15 j 17:36         | 0∘ <b>⊽</b>        |                  |                          | -635 Sep 18 j 03:30       | O° Mp                        |                        |
| max. Earth dist.   | morning set         | -636 Oct 28 j 21:46         | 20° <b>≏</b> 22'24 |                  | morning max el           | -635 Sep 19 j 19:49       | 1° <b>m</b> y31'51           | 18°24'20               |
| max. Earth dist.   | desc. node          | -636 Nov 03 j 22:04         | 29° <b>Ω</b> 47'46 |                  | morning set              | -635 Oct 09 j 07:17       | 0° <b>£</b> 28'38            |                        |
| superior conj   -636 Nov 14 j 12:31   16°  |                     | -636 Nov 04 j 01:11         | $0^{\circ}$ M.     |                  |                          | -635 Oct 09 j 00:14       | 0∘ <b>ত</b>                  |                        |
| superior conj   -636 Nov 14 j 12:31   16°  | max. Earth dist.    | -636 Nov 12 j 11:27         | 13°ML14'07         | 1.44788 AU       | desc. node               | -635 Oct 21 j 19:06       | 20° <b>₽</b> 31'01           |                        |
| minimum elong  |                     | -                           |                    |                  |                          | -                         |                              |                        |
| minimum elong  | superior conj       | -636 Nov 14 j 12:31         | 16° <b>™</b> 27'46 | -1°05'38         | superior conj            | -635 Oct 24 j 12:52       | 24° <b>£</b> 50'47           | -0°17'51               |
| Part   |                     | •                           |                    |                  |                          |                           |                              |                        |
| evening rise   | Z .                 |                             |                    |                  | _                        | -                         |                              |                        |
| evening max el evening max el evening rise | evening rise        |                             |                    |                  |                          | ·                         |                              |                        |
| evening max el   | 8 21                |                             |                    |                  | evening rise             | v                         |                              |                        |
| asc. node -636 Dec 21 j 19:08 12° 云51'06 greatest brilliancy evening max el -635 Nov 20 j 06:00 6° 本44'56 -0.8m retrograde -636 Dec 26 j 08:13 14° 云39'51 evening max el -635 Dec 03 j 01:49 24° ★24'45 19°17'24 evening set -636 Dec 29 j 10:03 13° 云46'41 asc. node -635 Dec 08 j 16:10 28° ★16'48 inferior conj -635 Jan 04 j 06:11 8° 云10'14 3°32'50 retrograde -635 Dec 10 j 03:59 28° ★29'15 minimum elong -635 Jan 04 j 03:50 8° 云17'15 3°32'27 evening set -635 Dec 13 j 12:26 27° ★23'45 min. Earth dist635 Jan 06 j 04:41 5° 云51'50 0.64762 AU inferior conj -635 Dec 19 j 02:54 21° ★31'46 3°03'24 morning rise -635 Jan 13 j 00:25 30° R ★ min. Earth dist635 Dec 20 j 10:46 19° ★49'44 0.66032 AU direct -635 Jan 16 j 16:13 29° ★11'11 morning rise -635 Dec 24 j 11:25 15° ★20'48 morning max el -635 Jan 30 j 01:02 6° 云56'25 27°11'52 morning max el -634 Jan 12 j 10:26 20° ★00'03 26°12'16  | evening max el      | •                           |                    | 18°36'42         | evening rise             | -                         |                              |                        |
| retrograde -636 Dec 26 j 08:13 14° 39'51 evening max el evening max el evening max el evening set -636 Dec 29 j 10:03 13° 346'41 asc. node -635 Dec 08 j 16:10 28° 316'48 inferior conj -635 Jan 04 j 06:11 8° 310'14 3°32'50 retrograde -635 Dec 10 j 03:59 28° 329'15 minimum elong -635 Jan 04 j 03:50 8° 317'15 3°32'27 evening set -635 Dec 13 j 12:26 27° 32'345 min. Earth dist635 Jan 06 j 04:41 5° 351'50 0.64762 AU inferior conj -635 Dec 19 j 02:54 21° 31'46 3°03'24 morning rise -635 Jan 13 j 00:25 30° 8 3   | -                   | -                           |                    | 10 30 .2         | greatest brilliancy      | -                         |                              | -0.8m                  |
| evening set -636 Dec 29 j 10:03 13°ろ46'41 asc. node -635 Dec 08 j 16:10 28° 🗷 16'48 inferior conj -635 Jan 04 j 06:11 8°ろ10'14 3°32'50 retrograde -635 Dec 10 j 03:59 28° 🗷 29'15 minimum elong -635 Jan 04 j 03:50 8°ろ17'15 3°32'27 evening set -635 Dec 13 j 12:26 27° 🗷 23'45 min. Earth dist635 Jan 06 j 04:41 5°ろ51'50 0.64762 AU inferior conj -635 Dec 19 j 02:54 21° 🗷 31'46 3°03'24 morning rise -635 Jan 09 j 21:09 2°ろ03'32 minimum elong -635 Dec 19 j 00:03 21° 🗷 40'51 3°02'41 elect -635 Jan 13 j 00:25 30° R 🗷 minimum elong -635 Dec 20 j 10:46 19° 🗷 49'44 0.66032 AU direct -635 Jan 20 j 14:08 0°ろ direct -635 Dec 30 j 19:38 12° 🗷 33'17 morning max el -635 Jan 30 j 01:02 6° 356'25 27°11'52 morning max el -634 Jan 12 j 10:26 20° 🗷 00'03 26°12'16  |                     | -                           |                    |                  | -                        |                           |                              |                        |
| inferior conj  | •                   |                             |                    |                  | -                        | -                         |                              | -> -/ <del>-</del> - F |
| minimum elong  | •                   | -                           |                    | 3°32'50          |                          | ,                         |                              |                        |
| min. Earth dist635 Jan 06 j 04:41 5°る51'50 0.64762 AU inferior conj -635 Dec 19 j 02:54 21°ズ31'46 3°03'24 morning rise -635 Jan 09 j 21:09 2°る03'32 minimum elong -635 Dec 19 j 00:03 21°ズ40'51 3°02'41 elong -635 Jan 13 j 00:25 30°Rズ min. Earth dist635 Dec 20 j 10:46 19°ズ49'44 0.66032 AU direct -635 Jan 16 j 16:13 29°ズ11'11 morning rise -635 Dec 24 j 11:25 15°ズ20'48 elong -635 Jan 20 j 14:08 0°る direct -635 Dec 30 j 19:38 12°ズ33'17 morning max el -635 Jan 30 j 01:02 6°る56'25 27°11'52 morning max el -634 Jan 12 j 10:26 20°ズ00'03 26°12'16   |                     | -                           |                    |                  |                          |                           |                              |                        |
| morning rise   | •                   |                             |                    |                  | •                        | ·                         |                              | 3003124                |
| George     |                     |                             |                    | 0.04/02 AU       |                          |                           |                              |                        |
| direct -635 Jan 16 j 16:13 29°メ11'11 morning rise -635 Dec 24 j 11:25 15°メ20'48 -635 Jan 20 j 14:08 0°舌 direct -635 Dec 30 j 19:38 12°メ33'17 morning max el -635 Jan 30 j 01:02 6°云56'25 27°11'52 morning max el -634 Jan 12 j 10:26 20°メ0'03 26°12'16   | morning rise        | -                           |                    |                  | •                        |                           |                              |                        |
| -635 Jan 20 j 14:08 0°る direct -635 Dec 30 j 19:38 12°♂33'17 morning max el -635 Jan 30 j 01:02 6°る56'25 27°11'52 morning max el -634 Jan 12 j 10:26 20°♂00'03 26°12'16  | diract              | -                           |                    |                  |                          |                           |                              | 0.00032 AU             |
| morning max el -635 Jan 30 j 01:02 6° ₹ 56′25 27°11′52 morning max el -634 Jan 12 j 10:26 20° ₹ 00′03 26°12′16   | unect               | -                           |                    |                  | •                        | -                         |                              |                        |
|  |                     | -                           |                    | 27011152         |                          | -                         |                              | 26912116               |
| desc. node -634 Jan 1/ j 18:21 25° x 54'45   | •                   | -                           |                    | 21-11.27         | -                        |                           |                              | 20-12-16               |
|  | desc. node          | -035 Jan 30 J 21:18         | /~ <b>O</b> 4/'59  |                  | desc. node               | -034 Jan 1/J 18:21        | 25° <b>X'</b> 54'45          |                        |

| •                                 | -  |                             | •               | * * * · · · · · · · · · · · · · · · · · | 901 BCE in historical cou              |  | 50 143     |
|-----------------------------------|--|-----------------------------|-----------------|---|--|--|------------|
| usuronom                          | -634 Jan 21 j 00:55                        | 0°る                         | usu onomiuu vou | direct                                  | -634 Dec 14 j 04:25                    | 26°M18'05                              |            |
|                                   | -634 Feb 09 j 22:47                        | 0° <b>≈</b>                 |                 | 4.1.001                                 | -634 Dec 22 j 06:47                    | 0°×7                                   |            |
| morning set                       | -634 Feb 17 j 14:46                        | 13°≈40'43                   |                 | morning max el                          | -634 Dec 25 j 18:57                    | 3° <b>∡</b> 12'38                      | 24°54'04   |
| max. Earth dist.                  | -634 Feb 21 j 15:02                        | 21°≈19'47                   | 1.35285 AU      | desc. node                              | -633 Jan 04 j 15:24                    | 14° <b>×</b> 52'52                     | 24 54 04   |
| max. Earth dist.                  | -634 Feb 25 j 23:33                        | 0° <b>\</b>                 | 1.55265 710     | dese. Hode                              | -633 Jan 15 j 06:31                    | 0°중                                    |            |
|                                   | -034100 23 j 23.33                         | ٥ ٨                         |                 | morning set                             | -633 Jan 30 j 22:51                    | 25° <b>පි</b> 44'43                    |            |
| superior conj                     | -634 Feb 26 j 14:00                        | 1° <b>₩</b> 13'28           | 1916/26         | morning set                             | -633 Feb 02 j 07:37                    | 25 <b>O</b> 4445<br>0° <b>≈</b>        |            |
| minimum elong                     | -634 Feb 26 j 17:24                        | 1° <b>₩</b> 30'49           |                 | max. Earth dist.                        | -633 Feb 03 j 14:52                    |  | 1.37090 AU |
| evening rise                      | -634 Mar 06 j 08:28                        | 17° <b>X</b> 16'03          | 1 13 34         | max. Lartii dist.                       | -033 1 CO 03 j 14.32                   | 2 ~23 14                               | 1.57070 AC |
| asc. node                         | -634 Mar 06 j 15:30                        | 17° <b>X</b> 52'06          |                 | superior conj                           | -633 Feb 10 j 01:29                    | 14° <b>≈</b> 38'46                     | 1020122    |
| asc. node                         | -634 Mar 12 j 20:05                        | 17 <b>γ</b> (32 00          |                 | minimum elong                           | -633 Feb 10 j 05:13                    | 14 ≈58 40<br>14°≈57'04                 |            |
| evening max el                    | -634 Mar 24 j 21:52                        | 17° <b>Υ</b> 15'50          | 20031108        | minimum ciong                           | -633 Feb 17 j 18:06                    | 0° <b>\</b>                            | 1 3/39     |
| retrograde                        | -634 Apr 04 j 20:33                        | 22° <b>Υ</b> 31'13          | 20 31 08        | evening rise                            | -633 Feb 18 j 10:59                    | 1° <b>∺</b> 24'38                      |            |
| evening set                       | -634 Apr 07 j 00:29                        | 22° <b>Υ</b> 19'45          |                 | asc. node                               | -633 Feb 21 j 12:34                    | 7° <b>H</b> 28'14                      |            |
| desc. node                        | -634 Apr 15 j 17:32                        | 18° <b>Υ</b> 36'42          |                 | evening max el                          | -633 Mar 07 j 12:52                    | 29° <b>\</b> 01'30                     | 19°25'32   |
| inferior conj                     | -634 Apr 16 j 03:28                        | 18° <b>Υ</b> 22'17          | -0°07'06        | evening max er                          | -633 Mar 08 j 14:42                    | 25 <b>γ</b> (0130                      | 17 23 32   |
| minimum elong                     | -634 Apr 16 j 03:08                        | 18° <b>Υ</b> 22'46          | 0°06'59         | retrograde                              | -633 Mar 16 j 18:48                    | 3° <b>Υ</b> 27'37                      |            |
| transit middle                    | -634 Apr 16 j 03:08                        | 18° <b>Y</b> 22'46          | 0°06'59         | evening set                             | -633 Mar 18 j 23:32                    | 3° <b>Υ</b> 13'42                      |            |
| transit begin                     | -634 Apr 15 j 23:30                        | $18^{\circ}$ <b>Y</b> 28'03 | 0 00 39         | evening set                             | -633 Mar 26 j 00:41                    | 30°R <b></b> ₩                         |            |
| transit end                       | -634 Apr 16 j 06:47                        | 18° <b>Υ</b> 17'29          |                 | inferior conj                           | -633 Mar 27 j 09:41                    | 29° <b>₩</b> 06'51                     | 1°41'31    |
| min. Earth dist.                  | -634 Apr 17 j 12:37                        | 17° <b>Υ</b> 34'13          | 0.55193 AU      | minimum elong                           | -633 Mar 27 j 13:30                    | 29° <b>H</b> 00'38                     | 1°40'19    |
| morning rise                      | -634 Apr 25 j 04:31                        | 14° <b>Y</b> 07'12          | 0.55195 AU      | min. Earth dist.                        | -633 Mar 30 j 03:13                    | 27° <b>H</b> 20'33                     | 0.56219 AU |
| direct                            | -634 Apr 28 j 18:07                        | 13° <b>Υ</b> 39'35          |                 | desc. node                              | -633 Apr 02 j 14:34                    | 25°\(\frac{1}{2033}\)                  | 0.30219 AU |
| morning max el                    | -634 May 12 j 03:18                        | 20° <b>Υ</b> 10'59          | 23°15'44        | morning rise                            | -633 Apr 05 j 00:46                    | 24°\(\frac{1}{2}\)21'42                |            |
| morning max er                    | -634 May 20 j 09:35                        | 0° <b>8</b>                 | 23 13 44        | direct                                  | -633 Apr 09 j 15:26                    | 24 \(\chi_{2037}\) 23°\(\chi_{32'18}\) |            |
| asc. node                         | -634 Jun 02 j 14:45                        | 23° <b>8</b> 17'16          |                 | direct                                  | -633 Apr 23 j 00:18                    | 25 <b>γ</b> (32 18                     |            |
| morning set                       | -634 Jun 04 j 08:04                        | 26° <b>8</b> 51'30          |                 | morning max el                          | -633 Apr 23 j 18:08                    | 0° <b>Υ</b> 41'46                      | 24055120   |
| morning set                       | -634 Jun 05 j 19:46                        | 0° <b>Ⅱ</b>                 |                 | morning max er                          | -633 May 13 j 22:47                    | 0° <b>8</b>                            | 24 33 36   |
|                                   | -034 Juli 03 j 19.40                       | υц                          |                 | morning set                             | -633 May 19 j 20:06                    | 11° <b>8</b> 50'54                     |            |
| aumariar aani                     | 624 Jun. 11; 10:20                         | 12° <b>Ⅱ</b> 03'16          | 1921/10         | asc. node                               |  | 13° <b>8</b> 14'04                     |            |
| superior conj                     | -634 Jun 11 j 10:39<br>-634 Jun 11 j 08:07 |                             | 1°20'49         | asc. node                               | -633 May 20 j 11:51                    | 13 01404                               |            |
| minimum elong<br>max. Earth dist. | -634 Jun 13 j 21:16                        | 17° <b>Ⅱ</b> 14'37          | 1.33757 AU      | superior conj                           | -633 May 26 j 20:11                    | 26° <b>8</b> 58'13                     | 1°02'31    |
| evening rise                      | -634 Jun 19 j 01:23                        | 27° <b>I</b> I50'54         | 1.33/3/ AU      | minimum elong                           | -633 May 26 j 17:52                    | 26° <b>8</b> 45'36                     | 1°02'07    |
| evening rise                      | -634 Jun 20 j 03:33                        | 27 <b>H</b> 30 34           |                 | max. Earth dist.                        | -633 May 28 j 04:06                    | 29° <b>8</b> 51'27                     | 1.32931 AU |
|                                   | -634 Jul 07 j 14:19                        | 0° <b>U</b>                 |                 | max. Earth dist.                        | -633 May 28 j 05:40                    | 0° <b>Ⅱ</b>                            | 1.32931 AU |
| desc. node                        | -634 Jul 12 j 16:50                        | 7° <b>Ω</b> 11'37           |                 | evening rise                            | -633 Jun 03 j 01:15                    | 0 H<br>12°H17'07                       |            |
| evening max el                    | -634 Jul 23 j 03:29                        |                             | 27°20'42        | evening rise                            | -633 Jun 12 j 08:00                    | 0°9                                    |            |
| retrograde                        | -634 Aug 05 j 15:49                        | 26° <b>Ω</b> 37'39          | 27 20 42        | desc. node                              | -633 Jun 29 j 13:51                    | 25° <b>©</b> 43'55                     |            |
| evening set                       | -634 Aug 12 j 18:24                        | 23° <b>\O</b> 53'39         |                 | desc. flode                             | -633 Jul 03 j 08:37                    | 0° <b>Ω</b>                            |            |
| min. Earth dist.                  | -634 Aug 16 j 11:16                        | 20° <b>Ω</b> 28'19          | 0.64326 AU      | evening max el                          | -633 Jul 05 j 12:37                    | 2° <b>Ω</b> 10'15                      | 27°22'05   |
| inferior conj                     | -634 Aug 18 j 19:48                        | 17° <b>Ω</b> 56'54          |                 | retrograde                              | -633 Jul 19 j 07:22                    | 9° <b>Ω</b> 28'54                      | 27 22 03   |
| minimum elong                     | -634 Aug 19 j 00:17                        | 17° <b>Ω</b> 44'53          |                 | evening set                             | -633 Jul 26 j 12:00                    | 6° <b>Ω</b> 58'31                      |            |
| morning rise                      | -634 Aug 25 j 06:59                        | 12° <b>Ω</b> 31'04          | 3 13 2)         | min. Earth dist.                        | -633 Jul 30 j 01:52                    | 4° <b>Ω</b> 02'39                      | 0.62625 AU |
| direct                            | -634 Aug 27 j 22:39                        | 11° <b>Ω</b> 54'57          |                 | inferior conj                           | -633 Aug 01 j 23:19                    | 1° <b>Ω</b> 16'38                      |            |
| asc. node                         | -634 Aug 29 j 13:55                        | 12° <b>Ω</b> 08'49          |                 | minimum elong                           | -633 Aug 02 j 03:47                    | 1°Ω05'55                               |            |
| morning max el                    | -634 Sep 03 j 10:58                        | 15° <b>Ω</b> 22'16          | 18°00'04        | minimum crong                           | -633 Aug 03 j 07:48                    | 30°R.55                                | . 00 02    |
| morning max or                    | -634 Sep 13 j 19:08                        | 0° m                        | 10 00 0 1       | morning rise                            | -633 Aug 08 j 20:47                    | 26°509'49                              |            |
| morning set                       | -634 Sep 20 j 20:38                        | 11° mp 55'48                |                 | direct                                  | -633 Aug 11 j 09:25                    | 25°9540'46                             |            |
| morning sec                       | -634 Oct 01 j 16:05                        | 0∘ <b>ಹ</b>                 |                 | asc. node                               | -633 Aug 16 j 11:01                    | 27°539'47                              |            |
|                                   |  | -                           |                 | morning max el                          | -633 Aug 18 j 02:20                    | 29°506'06                              | 17°53'48   |
| superior conj                     | -634 Oct 04 j 01:27                        | 3° <b>ჲ</b> 53′20           | 0°30'04         | morning mun vi                          | -633 Aug 18 j 23:07                    | 0° <b>Ω</b>                            | 17 23 10   |
| minimum elong                     | -634 Oct 04 j 04:48                        | 4° <b>£</b> 06'53           | 0°29'36         | morning set                             | -633 Sep 03 j 08:27                    | 24° <b>Ω</b> 27'22                     |            |
| desc. node                        | -634 Oct 08 j 16:10                        | 11° <b>≏</b> 17'25          | 0 20 30         | morning sec                             | -633 Sep 06 j 11:13                    | 0° mp                                  |            |
| max. Earth dist.                  | -634 Oct 08 j 23:55                        | 11° <b>≏</b> 48'16          | 1.44447 AU      |   | **** *** *** * * * * * * * * * * * * * | - 4                                    |            |
| evening rise                      | -634 Oct 20 j 09:06                        | 29° <b>≙</b> 35'41          | 1, 110          | superior conj                           | -633 Sep 14 j 15:53                    | 14° <b>m</b> 13'08                     | 1°07'59    |
| e vennig 1150                     | -634 Oct 20 j 15:24                        | 0°M                         |                 | minimum elong                           | -633 Sep 14 j 21:01                    | 14° <b>m</b> ) 34'51                   | 1°07'23    |
| greatest brilliancy               | -634 Nov 03 j 06:59                        | 20°M41'50                   | -0.6m           | max. Earth dist.                        | -633 Sep 21 j 14:50                    | 25° m/44'56                            | 1.43250 AU |
| 5                                 | -634 Nov 09 j 19:17                        | 0° <b>∡</b> 7               |                 |   | -633 Sep 24 j 06:10                    | 0° <b>ರ</b>                            |            |
| evening max el                    | -634 Nov 16 j 06:16                        | 7° <b>₹</b> 753'12          | 20°13'28        | desc. node                              | -633 Sep 25 j 13:10                    | ° <u>~</u> 03'35                       |            |
| retrograde                        | -634 Nov 24 j 01:31                        | 12° <b>₹</b> 28'15          |                 | evening rise                            | -633 Sep 29 j 15:56                    | 8° <b>£</b> 31'47                      |            |
| asc. node                         | -634 Nov 25 j 13:11                        | 12° <b>×</b> 15'37          |                 |   | -633 Oct 13 j 21:44                    | 0° <b>™</b>                            |            |
| evening set                       | -634 Nov 27 j 18:27                        | 11° <b>×</b> 108'25         |                 | evening max el                          | -633 Oct 30 j 04:53                    | 21°M21'15                              | 21°22'07   |
| inferior conj                     | -634 Dec 03 j 05:11                        | 5° <b>х</b> 03′43           | 2°25'01         | retrograde                              | -633 Nov 07 j 22:38                    | 26°M32'51                              | - *        |
| minimum elong                     | -634 Dec 03 j 02:29                        | 5° <b>х</b> 12'49           | 2°24'08         | evening set                             | -633 Nov 12 j 02:06                    | 24°M56'45                              |            |
| min. Earth dist.                  | -634 Dec 03 j 23:55                        | 4° <b>×</b> 100'48          | 0.66914 AU      | asc. node                               | -633 Nov 12 j 10:15                    | 24°M40'12                              |            |
|                                   | -634 Dec 07 j 06:07                        | 30°RM                       | -               | inferior conj                           | -633 Nov 17 j 10:48                    | 18°M42'39                              | 1°39'57    |
| morning rise                      | -634 Dec 08 j 10:20                        | 28°M50'35                   |                 | minimum elong                           | -633 Nov 17 j 08:41                    | 18°M49'54                              |            |
| <i>U</i> -                        | J '*                                       |                             |                 | 3                                       | J                                      |  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -633 Nov 17 j 17:52 18°M18'15 0.67436 AU morning rise -632 Nov 05 j 23:35 26° **2**15′29 min. Earth dist. -633 Nov 22 j 15:08 -632 Nov 10 j 11:26 24°**£**26′08 12°M29'13 direct morning rise -633 Nov 27 j 17:53 -632 Nov 19 j 16:28 29°**≏**52'28 direct 10°M17'27 morning max el 22°00'48 -633 Dec 08 j 03:57 -632 Nov 19 j 19:27 16°M29'36 23°27'09 0°M morning max el -633 Dec 19 j 07:17 0°**∡**¹ desc. node -632 Dec 08 j 09:28 24°M26'32 -633 Dec 22 j 12:26 4°**х**<sup>7</sup>26′48 desc. node -632 Dec 12 j 02:53 0°**∡** -632 Jan 08 j 07:31 0°궁 morning set -632 Dec 22 j 09:00 15°**₹**57'41 6°**පි**33'26 max. Earth dist. morning set -632 Jan 12 j 06:27 -632 Dec 28 j 08:21 25°**∡**⁴44'41 1.41249 AU max. Earth dist. -632 Jan 16 j 10:18 13°る42'00 1.39164 AU -632 Dec 30 j 20:53 0°ಕ superior conj -632 Jan 23 j 23:04 27°る18'54 -1°54'26 superior conj -631 Jan 05 j 01:42 9°る01'25 -2°00'56 -632 Jan 24 j 01:53 -631 Jan 05 j 01:43 9°る01'26 2°00'56 minimum elong 27°る32'04 1°54'17 minimum elong -632 Jan 25 j 09:25 -631 Jan 15 j 13:01 0°≈ evening rise 28°る07'02 evening rise -632 Feb 02 j 05:36 15°≈04'13 -631 Jan 16 j 13:22 0°≈ asc. node -632 Feb 08 j 09:36 26°≈41'55 asc. node -631 Jan 25 j 06:37 15°≈25'51 -632 Feb 10 j 06:50 0°**)**€ evening max el -631 Jan 31 j 21:08 24°≈10'17 18°14'04 evening max el -632 Feb 18 j 13:31 11°**¥**22′04 18°39'43 retrograde -631 Feb 07 j 21:13 27°≈40'55 retrograde -632 Feb 26 j 10:54 15°**升** 12'32 evening set -631 Feb 10 j 11:12 27°≈13'09 evening set -632 Feb 28 j 20:12 14°**)** 52'43 inferior conj -631 Feb 17 j 10:14 22°≈27'29 3°39'32 inferior conj -632 Mar 07 j 11:36 10°**)** €27'49 2°58'05 minimum elong -631 Feb 17 j 12:32 22°≈22'23 3°39'16 minimum elong -632 Mar 07 j 15:49 10°**)** 19′46 2°57'09 min. Earth dist. -631 Feb 20 j 18:44 19°**≈**30'35 0.59973 AU min. Earth dist. -632 Mar 10 j 20:24 7°**)** € 55'17 0.57924 AU morning rise -631 Feb 24 i 11:49 16°≈47'30 morning rise -632 Mar 15 j 08:40 5°**¥**10′19 direct -631 Mar 03 j 01:46 14°≈47'09 desc. node -632 Mar 19 j 11:37 3°**)** 54'59 desc. node -631 Mar 06 j 08:39 15°≈15'41 direct -632 Mar 21 i 02:17 3°**)**(48'27 morning max el -631 Mar 17 j 08:21 22°≈32'52 27°22'02 -632 Apr 04 j 10:32 -631 Mar 23 j 22:59 0°**₩** morning max el 11°**H**21'31 26°22'28 -632 Apr 18 j 20:30  $0^{\circ}\Upsilon$ -631 Apr 11 j 20:17  $0^{\circ}\Upsilon$ -632 May 03 j 07:15 26°\bar{Y}47'13 -631 Apr 17 j 15:43 11°Y33'53 morning set morning set -631 Apr 23 j 05:57 23°Y31'02 -632 May 04 j 19:40 0°8 asc node -632 May 06 j 08:55 -631 Apr 24 j 04:31 25°**Y**34'24 1.32373 AU 3°**8**20'16 max. Earth dist. asc. node -632 May 10 j 07:38 11°**8**57'39 0°40'40 26°Υ55'15 0°16'24 -631 Apr 24 j 19:16 superior conj superior conj -632 May 10 j 05:56 11°**8**48'23 0°40'20 -631 Apr 24 j 18:32 26°**Υ**51'13 0°16'15 minimum elong minimum elong -632 May 10 j 15:46 12°**8**42'18 1.32469 AU -631 Apr 26 j 04:57 max. Earth dist.  $0^{\circ}$ 8 -632 May 17 j 07:16 27°**8**00'49 -631 May 01 j 17:02 11°**8**53'44 evening rise evening rise -632 May 18 j 17:57 -631 May 10 j 23:03  $\Pi$ °0  $0^{\circ}\Pi$ -632 Jun 04 j 20:11 -631 May 29 j 13:55 0ಂತಾ evening max el 25°**Ⅲ**51'18 25°47'58 desc. node -632 Jun 15 j 10:52 13°9510'17 desc. node -631 Jun 02 j 07:54 29°**Ⅲ**02'52 evening max el -632 Jun 16 j 16:37 14°523'24 26°50'40 -631 Jun 03 j 16:31 0ಂತಾ retrograde -632 Jun 30 j 15:50 21°5540'12 retrograde -631 Jun 12 j 15:27 3°904'09 evening set -632 Jul 07 j 12:05 19°937'15 -631 Jun 18 j 14:19 1°539'10 evening set min. Earth dist. -632 Jul 11 j 06:16 16°957'46 0.60648 AU -631 Jun 21 j 13:29 30°R∏ -632 Jul 14 j 13:05 14°9512'32 -4°31'59 min. Earth dist. -631 Jun 23 j 02:21 28°**Ц**58'08 0.58588 AU inferior conj -632 Jul 14 j 15:57 14°506'28 4°31'41 -631 Jun 26 j 09:24 26°**耳**34'18 -4°40'37 minimum elong inferior conj -632 Jul 21 j 21:39 9°527'28 -631 Jun 26 j 08:41 26°**II**35'36 4°40'36 morning rise minimum elong -631 Jul 04 i 05:35 direct -632 Jul 24 i 09:20 9°903'25 morning rise 22° II 11'31 morning max el -632 Jul 31 j 14:58 12°536'15 18°06'33 direct -631 Jul 06 i 17:58 21°II50'59 25°**Ⅱ**42'50 asc. node -632 Aug 02 j 08:06 14°9525'38 morning max el -631 Jul 14 i 21:45 18°39'22 -632 Aug 12 j 07:47  $0^{\circ}\Omega$ -631 Jul 18 i 15:52 0ಂತಾ -632 Aug 16 j 12:58 7°**Ω**47'25 -631 Jul 20 j 05:09 2°9510'14 morning set asc. node -631 Jul 31 j 05:23 21°9642'29 morning set -632 Aug 26 j 09:10 25°Ω53'01 1°32'37 -631 Aug 04 j 11:47  $0^{\circ}\Omega$ superior conj -632 Aug 26 j 13:02 26° Ω 10'14 1°32'18 minimum elong -632 Aug 28 j 17:02 -631 Aug 09 j 00:07 8°**Ω**37'22 1°44'59 0° m superior conj 9° Mp 04'44 1.41552 AU max. Earth dist. -632 Sep 03 j 00:03 minimum elong -631 Aug 09 j 01:45 8°**Ω**45'00 1°44'56 -632 Sep 08 j 11:32 18° Mp 05'11 max. Earth dist. -631 Aug 16 j 03:54 21°**Ω**39'06 1.39583 AU evening rise desc. node -632 Sep 11 j 10:12 22° Mp 46'40 evening rise -631 Aug 20 j 06:44 28°**Ω**45′08 -632 Sep 16 j 01:53 0∘**⊽** -631 Aug 21 j 00:31 0° m -632 Oct 07 j 13:26 0°M desc. node -631 Aug 29 j 07:13 13° m 22'13 -632 Oct 11 j 21:52 4°M50'06 22°39'19 -631 Sep 09 j 13:36 evening max el 0∘ଫ retrograde -632 Oct 21 j 17:45 10°ML40'37 evening max el -631 Sep 24 j 10:56 18°**2**21'43 23°59'38 evening set -632 Oct 26 j 09:37 8°M46'49 retrograde -631 Oct 05 j 09:30 24°**£**47'52 asc. node -632 Oct 29 j 07:17 5°M42'50 evening set -631 Oct 10 j 15:21 22°**₽**36'01 inferior conj -632 Oct 31 j 17:48  $2^{\circ}$ M $_{2}6'57$ 0°50'00 min. Earth dist. -631 Oct 15 j 10:37 17°**2**01'14 0.67507 AU minimum elong -632 Oct 31 j 16:39  $2^{\circ}$ M $_30'55$ 0°49'30 inferior conj -631 Oct 16 j 00:26 16° 214'24 -0°03'22 min. Earth dist. -632 Oct 31 j 14:16 2°M39'11 0.67630 AU minimum elong -631 Oct 16 j 00:30 16°**♀**14'08 0°03'21

transit middle

-631 Oct 16 j 00:30

16°**≙**14'08

0°03'21

-632 Nov 02 j 13:10

30°**₽**Ω

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 145 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom  | ical year style is used: T                 | he year -900 in                   | astronomical cou   | nting style is the year | 901 BCE in historical cou                  | unting style.                 |                    |
|----------------------|--|-----------------------------------|--------------------|-------------------------|--|-------------------------------|--------------------|
| transit begin        | -631 Oct 15 j 21:51                        | 16° <b>≏</b> 23'10                |                    | evening set             | -630 Sep 24 j 17:31                        | 6° <b>ჲ</b> 22'08             |                    |
| transit end          | -631 Oct 16 j 03:10                        | 16° <b>≏</b> 05'06                |                    | min. Earth dist.        | -630 Sep 29 j 04:27                        | 1° <b>£</b> 22'35             | 0.67066 AU         |
| asc. node            | -631 Oct 16 j 04:19                        | 16° <b>≏</b> 01'11                |                    | inferior conj           | -630 Sep 30 j 04:57                        | 0° <b>≙</b> 02'45             | -0°58'39           |
| morning rise         | -631 Oct 21 j 09:38                        | 10° <b>≏</b> 07'29                |                    | minimum elong           | -630 Sep 30 j 06:25                        | 29° <b>m</b> 58'00            | 0°58'02            |
| direct               | -631 Oct 25 j 08:00                        | 8° <b>亞</b> 39'38                 |                    |                         | -630 Sep 30 j 05:48                        | 30°R Mp                       |                    |
| morning max el       | -631 Nov 02 j 11:25                        | 13° <b>≏</b> 23'50                | 20°42'26           | asc. node               | -630 Oct 03 j 01:22                        | 26° Mg 32′04                  |                    |
|                      | -631 Nov 15 j 08:25                        | 0° <b>M</b>                       |                    | morning rise            | -630 Oct 05 j 19:25                        | 24° Mp 03'23                  |                    |
| desc. node           | -631 Nov 25 j 06:30                        | 14° <b>M</b> 44'41                |                    | direct                  | -630 Oct 09 j 06:16                        | 22° <b>m</b> 54'25            |                    |
| morning set          | -631 Dec 01 j 11:13                        | 24°M16'30                         |                    | morning max el          | -630 Oct 16 j 14:00                        | 27° mg 05'00                  | 19°36'43           |
|                      | -631 Dec 05 j 02:54                        | 0° <b>∡</b> ¹                     |                    |                         | -630 Oct 19 j 04:48                        | 0∘ <b>⊽</b>                   |                    |
| max. Earth dist.     | -631 Dec 10 j 13:36                        | 8° <b>∡</b> ¹42'08                | 1.43059 AU         |                         | -630 Nov 08 j 18:02                        | 0°M                           |                    |
|                      |  |                                   |                    | morning set             | -630 Nov 10 j 09:23                        | 2°M32'17                      |                    |
| superior conj        | -631 Dec 17 j 04:04                        | 19° <b>∡</b> ³34′26               |                    | desc. node              | -630 Nov 12 j 03:31                        | 5° <b>M</b> 15'42             |                    |
| minimum elong        | -631 Dec 16 j 23:31                        | 19° <b>∡</b> 15′23                | 1°53'11            | max. Earth dist.        | -630 Nov 23 j 02:33                        | 22°IIL26'45                   | 1.44352 AU         |
|                      | -631 Dec 23 j 06:50                        | 0°る                               |                    |                         | (20.)1 27:02.20                            | 200 <b>m</b> 52121            | 1020110            |
| evening rise         | -631 Dec 29 j 05:18                        | 10°る25'00                         |                    | superior conj           | -630 Nov 27 j 03:30                        | 28°M53'31                     |                    |
| ,                    | -630 Jan 09 j 16:51                        | 0° <b>≈</b>                       |                    | minimum elong           | -630 Nov 26 j 19:29                        | 28°M21'21                     | 1°27′24            |
| asc. node            | -630 Jan 12 j 03:38                        | 3°≈31'00                          | 10000107           |                         | -630 Nov 27 j 20:02                        | 0° <b>√</b> 7                 |                    |
| evening max el       | -630 Jan 15 j 08:41                        | 7°≈17'54                          | 18°08'06           | evening rise            | -630 Dec 11 j 02:04                        | 21° <b>₹</b> 49'52            |                    |
| retrograde           | -630 Jan 21 j 22:13                        | 10°≈43'15                         |                    |                         | -630 Dec 15 j 22:28                        | 0°る                           | 10021101           |
| evening set          | -630 Jan 24 j 16:33                        | 10°≈06'20                         | 2052125            | evening max el          | -630 Dec 29 j 21:14                        | 20°る36'42                     | 18°21'01           |
| inferior conj        | -630 Jan 31 j 02:40                        | 4°≈59'44                          |                    | asc. node               | -630 Dec 30 j 00:39                        | 20°₹45′18                     |                    |
| minimum elong        | -630 Jan 31 j 02:39                        | 4°≈59'46                          | 3°52'24            | retrograde              | -629 Jan 05 j 09:33                        | 24° <b>る</b> 09'14            |                    |
| min. Earth dist.     | -630 Feb 03 j 00:46                        | 2°≈03'21                          | 0.62032 AU         | evening set             | -629 Jan 08 j 08:28                        | 23°₹22'12                     | 2944126            |
|                      | -630 Feb 05 j 07:29                        | 30°Ŗる<br>200 <b>ろ</b> 05140       |                    | inferior conj           | -629 Jan 14 j 08:53                        | 17°る55'53<br>18°る00'47        |                    |
| morning rise         | -630 Feb 06 j 11:35                        | 29° <b>る</b> 05'48                |                    | minimum elong           | -629 Jan 14 j 07:09                        |                               |                    |
| direct<br>desc. node | -630 Feb 13 j 11:10                        | 26°る34'06<br>29°る14'05            |                    | min. Earth dist.        | -629 Jan 16 j 16:08                        | 15°る20'06<br>11°る53'06        | 0.63868 AU         |
| desc. node           | -630 Feb 21 j 05:41<br>-630 Feb 22 j 08:44 | 29 <b>⊘</b> 1403                  |                    | morning rise<br>direct  | -629 Jan 20 j 05:16<br>-629 Jan 27 j 04:16 | 9° <b>る</b> 04'09             |                    |
| morning max el       | -630 Feb 27 j 12:07                        | 0 ≈<br>4°≈24'47                   | 27946!16           | desc. node              | -629 Feb 08 j 02:43                        | 9 30409<br>15° <b>3</b> 14'06 |                    |
| morning max er       | -630 Mar 18 j 14:56                        | 4 ≈2447<br>0° <b>H</b>            | 27 40 10           | morning max el          | -629 Feb 09 j 20:09                        | 15 <b>31</b> 400              | 27022158           |
| morning set          | -630 Apr 01 j 19:34                        | 26° <b>∺</b> 04'12                |                    | morning max ci          | -629 Feb 20 j 18:23                        | 0°≈                           | 27 33 36           |
| morning set          | -630 Apr 03 j 17:20                        | 0° <b>Υ</b>                       |                    |                         | -629 Mar 11 j 09:03                        | 0° <b>∺</b>                   |                    |
| max. Earth dist.     | -630 Apr 07 j 14:39                        |                                   | 1.32651 AU         | morning set             | -629 Mar 16 j 16:13                        | 10° <b>₩</b> 08'35            |                    |
| max. Darm dist.      | 05071pi 07 j 14.57                         | 0 11323                           | 1.52051 710        | max. Earth dist.        | -629 Mar 21 j 18:12                        |                               | 1.33330 AU         |
| superior conj        | -630 Apr 09 j 05:27                        | 11° <b>Y</b> '45'26               | -0°09'29           | max. Earth dist.        | 029 Mar 21 j 10.12                         | 20 7(3037                     | 1.55550 110        |
| minimum elong        | -630 Apr 09 j 05:53                        | 11° <b>Y</b> 47'50                |                    | superior conj           | -629 Mar 24 j 12:19                        | 26° <b>)</b> € 20'45          | -0°36'04           |
| behind sun begin     | -630 Apr 09 j 01:43                        | 11° <b>Y</b> °25'10               |                    | minimum elong           | -629 Mar 24 j 14:02                        | 26° <b>₩</b> 29'54            |                    |
| behind sun end       |  | 12° <b>Y</b> 10′30                |                    |                         | -629 Mar 26 j 05:16                        |                               |                    |
| asc. node            | -630 Apr 10 j 02:58                        | 13° <b>Y</b> ′42'30               |                    | asc. node               | -629 Mar 27 j 24:00                        | 3° <b>Ƴ</b> 49'39             |                    |
| evening rise         | -630 Apr 16 j 04:39                        | 26° <b>Ƴ</b> 49'13                |                    | evening rise            | -629 Mar 31 j 16:11                        | 11° <b>Y</b> 39'33            |                    |
| C                    | -630 Apr 17 j 17:04                        | 0° <b>႘</b>                       |                    | Č                       | -629 Apr 10 j 03:16                        | 0°8                           |                    |
|                      | -630 May 05 j 07:02                        | $\Pi^{\circ}0$                    |                    | evening max el          | -629 Apr 22 j 21:17                        | 17° <b>8</b> 17'33            | 22°47'03           |
| evening max el       | -630 May 11 j 05:50                        | 6° <b>Ⅱ</b> 42'13                 | 24°22'11           | retrograde              | -629 May 06 j 02:41                        | 23° <b>8</b> 49'57            |                    |
| desc. node           | -630 May 20 j 04:55                        | 12° <b>Ⅱ</b> 46'56                |                    | desc. node              | -629 May 07 j 01:56                        | 23° <b>8</b> 47'51            |                    |
| retrograde           | -630 May 25 j 03:34                        | 13° <b>Ⅱ</b> 42'45                |                    | evening set             | -629 May 09 j 08:17                        | 23° <b>8</b> 27'03            |                    |
| evening set          | -630 May 29 j 18:10                        | 12° <b>Ⅱ</b> 55'14                |                    | min. Earth dist.        | -629 May 17 j 06:06                        | 19° <b>8</b> 59'07            | 0.55464 AU         |
| min. Earth dist.     | -630 Jun 04 j 17:19                        |                                   | 0.56749 AU         | inferior conj           | -629 May 18 j 15:18                        | 19° <b>8</b> 11'31            | -3°04'26           |
| inferior conj        | -630 Jun 07 j 09:47                        | 8° <b>Ⅱ</b> 14'28                 | -4°14'39           | minimum elong           | -629 May 18 j 08:17                        | 19° <b>8</b> 21'37            | 3°02'28            |
| minimum elong        | -630 Jun 07 j 04:35                        | 8° <b>Ⅱ</b> 22'47                 | 4°13'50            | morning rise            | -629 May 27 j 10:32                        | 15° <b>8</b> 17'20            |                    |
| morning rise         | -630 Jun 15 j 17:51                        | 4° <b>Ⅱ</b> 10'38                 |                    | direct                  | -629 May 30 j 04:27                        | 14° <b>8</b> 59'41            |                    |
| direct               | -630 Jun 18 j 08:08                        | 3° <b>Ⅲ</b> 52′23                 |                    | morning max el          | -629 Jun 10 j 07:01                        | 20° <b>8</b> 09'20            | 20°47'13           |
| morning max el       | -630 Jun 27 j 19:47                        | 8° <b>Ⅱ</b> 16'38                 | 19°33'01           |                         | -629 Jun 18 j 06:13                        | $\Pi$ $\circ 0$               |                    |
| asc. node            | -630 Jul 07 j 02:12                        | 20° <b>Ⅱ</b> 40'30                |                    | asc. node               | -629 Jun 23 j 23:15                        | 9° <b>Ⅱ</b> 45′08             |                    |
|                      | -630 Jul 12 j 04:31                        | $0$ $\circ$                       |                    | morning set             | -629 Jun 29 j 12:40                        | 20° <b>Ⅱ</b> 43'21            |                    |
| morning set          | -630 Jul 15 j 06:11                        | 6° <b>©</b> 03'38                 |                    |                         | -629 Jul 04 j 00:08                        | 0ං <b>ව</b>                   |                    |
| superior conj        | -630 Jul 23 j 07:10                        | 22°©10'37                         | 1°47'18            | superior conj           | -629 Jul 07 j 01:39                        | 6° <b>©</b> 19'23             | 1°41'45            |
| minimum elong        | -630 Jul 23 j 06:48                        | 22°908'48                         | 1°47'18<br>1°47'18 | minimum elong           | -629 Jul 06 j 23:56                        | 6°919'23                      | 1°41'45<br>1°41'39 |
| mmmum eiong          | -630 Jul 23 j 06:48                        | 22° <b>20</b> 0848<br>0° <b>Ω</b> | 1 7/10             | max. Earth dist.        | -629 Jul 06 j 23:36<br>-629 Jul 11 j 15:09 | 15°S28'56                     | 1.35831 AU         |
| max. Earth dist.     | -630 Jul 2/ j 08:15<br>-630 Jul 29 j 07:00 |                                   | 1.37606 AU         | evening rise            | -629 Jul 11 j 15:09<br>-629 Jul 15 j 18:49 | 23°526'28                     | 1.55651 AU         |
| evening rise         | -630 Aug 02 j 02:32                        | 10° <b>Ω</b> 35'42                | 1.5 / 000 AU       | evening 1150            | -629 Jul 19 j 08:56                        | 23 €320 28<br>0°Ω             |                    |
| evening 1180         | -630 Aug 02 j 02:32                        | 0°M)                              |                    | desc. node              | -629 Aug 03 j 01:16                        | 23° <b>Ω</b> 50'52            |                    |
| desc. node           | -630 Aug 16 j 04:14                        | 3°Mp45'36                         |                    | desc. Houc              | -629 Aug 07 j 09:16                        | 0°m                           |                    |
| desc. Houc           | -630 Sep 05 j 00:39                        | ე∘ <u>ი</u>                       |                    | evening max el          | -629 Aug 20 j 10:08                        | 0 mg/33'01                    | 26°20'50           |
| evening max el       | -630 Sep 05 j 00.39                        | 0 <b>==</b><br>1° <b>£</b> 57'12  | 25°16'04           | retrograde              | -629 Sep 02 j 03:25                        | 22° Mp 43'56                  | 20 20 30           |
| retrograde           | -630 Sep 18 j 20:55                        | 8° <b>£</b> 50'42                 | 20 10 UT           | evening set             | -629 Sep 02 j 03.23                        | 20° Mp 02'41                  |                    |
| 1011051440           | 050 50p 10 j 20.55                         | 5 <b>—</b> 50 <del>-</del> 72     |                    | o toming set            | 027 бор оод 14.13                          | 20 iy∪2.⊤I                    |                    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 146 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi   | cal year style is used: The                | he year -900 in                             | astronomical coun | iting style is the year 9 | 001 BCE in historical cou                  | nting style.  | •                 |
|------------------------|--|---|-------------------|---------------------------|--|---|-------------------|
| min. Earth dist.       | -629 Sep 12 j 17:20                        | 15° <b>m</b> 40'19                          | 0.66284 AU        | retrograde                | -628 Aug 15 j 04:41                        | 6° <b>™</b> 19'56                                     |                   |
| inferior conj          | -629 Sep 14 j 05:32                        | 13° <b>m</b> 49'19                          | -1°54'11          | evening set               | -628 Aug 22 j 02:57                        | 3°m/33'31   |                   |
| minimum elong          | -629 Sep 14 j 08:23                        | 13° <b>m</b> 40'33                          | 1°53'04           |                           | -628 Aug 25 j 18:47                        | $30^{\circ}$ R $\Omega$                               |                   |
| asc. node              | -629 Sep 19 j 22:26                        | 8° <b>m</b> 07'18                           |                   | min. Earth dist.          | -628 Aug 25 j 22:58                        |   | 0.65142 AU        |
| morning rise           | -629 Sep 20 j 02:55                        | 8° Mp 00'38                                 |                   | inferior conj             | -628 Aug 28 j 00:00                        | 27° <b>Ω</b> 29'43                                    |                   |
| direct                 | -629 Sep 23 j 04:25                        | 7° <b>™</b> 07'15                           |                   | minimum elong             | -628 Aug 28 j 04:03                        | 27° <b>Ω</b> 18'16                                    | 2°46'31           |
| morning max el         | -629 Sep 29 j 23:21                        | 10° Mp 53'56                                | 18°46'09          | morning rise              | -628 Sep 03 j 05:48                        | 21° <b>Ω</b> 54'52                                    |                   |
|                        | -629 Oct 13 j 15:25                        | 0∘ <b>ত</b>                                 |                   | asc. node                 | -628 Sep 05 j 19:31                        | 21° <b>Ω</b> 13'43                                    |                   |
| morning set            | -629 Oct 21 j 02:49                        | 11° <b>≏</b> 50'37                          |                   | direct                    | -628 Sep 06 j 00:19                        | 21° <b>Ω</b> 13'30                                    |                   |
| desc. node             | -629 Oct 30 j 00:34                        | 25° <b>≏</b> 55'35                          |                   | morning max el            | -628 Sep 12 j 13:11                        | 24° <b>Ω</b> 45'32                                    | 18°11'59          |
|                        | -629 Nov 01 j 14:40                        | 0°M₊  |                   |                           | -628 Sep 16 j 20:46                        | 0° <b>m</b> )   |                   |
|                        |  |   |                   | morning set               | -628 Oct 01 j 00:32                        | 22° m 32'09   |                   |
| superior conj          | -629 Nov 06 j 06:54                        | 7°M21'20                                    |                   |                           | -628 Oct 05 j 13:18                        | 0∘ <b>⊽</b>   |                   |
| minimum elong          | -629 Nov 06 j 01:00                        | 6°M58'08                                    |                   |                           | (20.0 . 15:00.50                           | 150050111   | 0000114           |
| max. Earth dist.       | -629 Nov 05 j 20:20                        |   | 1.44965 AU        | superior conj             | -628 Oct 15 j 09:52                        | 15° <b>2</b> 53'44                                    |                   |
|                        | -629 Nov 20 j 13:40                        | 0° ⊀ <b>7</b><br>2° ₹1.624                  |                   | minimum elong             | -628 Oct 15 j 10:17                        | 15° <b>≏</b> 55'22                                    | 0°03'10           |
| evening rise           | -629 Nov 21 j 23:44                        | 2° <b>⊀</b> 16'34                           |                   | behind sun begin          | -628 Oct 14 j 23:31                        | 15° <b>£</b> 12'33                                    |                   |
|                        | -629 Dec 09 j 22:24                        | 0°る   | 10051155          | behind sun end            | -628 Oct 15 j 21:03                        | 16° <b>£</b> 38′08                                    |                   |
| evening max el         | -629 Dec 13 j 08:14                        | 4°る01'40                                    | 18°51'55          | desc. node                | -628 Oct 15 j 21:38                        | 16° <b>♀</b> 40'24<br>20° <b>♀</b> 59'21              | 1 44027 ATT       |
| asc. node              | -629 Dec 16 j 21:42                        | 6°る55'19<br>7°る52'04                        |                   | max. Earth dist.          | -628 Oct 18 j 15:05                        |   | 1.44837 AU        |
| retrograde             | -629 Dec 20 j 03:20                        | 6° <b>る</b> 53'42                           |                   |                           | -628 Oct 24 j 08:52                        | 0°M   |                   |
| evening set            | -629 Dec 23 j 07:50                        | 6°653'42<br>1° <b>る</b> 10'03               | 2921127           | evening rise              | -628 Oct 31 j 22:09                        | 11° <b>M.</b> 46'16<br>0° <b>∡'</b>                   |                   |
| inferior conj          | -629 Dec 29 j 01:15                        | 1° <b>ろ</b> 1003                            |                   | areatest brillianss       | -628 Nov 12 j 17:51<br>-628 Nov 13 j 07:46 | 0° <b>x</b> ¹52'34                                    | 0.7               |
| minimum elong          | -629 Dec 28 j 22:37                        | 1 01811<br>30°R <i>≯</i> 7                  | 3 21 03           | greatest brilliancy       | ,  |   | -0.7m<br>19°39'26 |
| min Earth diat         | -629 Dec 29 j 23:54<br>-629 Dec 30 j 17:15 |   | 0.65252 ATT       | evening max el            | -628 Nov 25 j 15:29                        |   | 19 39 20          |
| min. Earth dist.       |  | 29° <b>×</b> ′06′30<br>25° <b>×</b> ′01′19  | 0.65353 AU        | asc. node                 | -628 Dec 02 j 18:45<br>-628 Dec 03 j 00:17 | 21° 🖈 45'27<br>21° 🖈 45'45                            |                   |
| morning rise<br>direct | -628 Jan 03 j 13:06<br>-628 Jan 10 j 04:00 | 23 × 01 19<br>22° × 09'53                   |                   | retrograde<br>evening set | -628 Dec 06 j 12:03                        | 21 <b>x</b> 43 43 20° <b>x</b> 34'27                  |                   |
| morning max el         | -628 Jan 23 j 05:57                        | 22 <b>x</b> · 09 33<br>29° <b>x</b> · 48'16 | 26040127          | inferior conj             | -628 Dec 12 j 00:40                        | 20 <b>x</b> ·34 27<br>14° <b>x</b> <sup>7</sup> 36′25 | 2040104           |
| morning max er         | -628 Jan 23 j 10:37                        | 29 <b>メ</b> ・46 10                          | 20 49 27          | minimum elong             | -628 Dec 11 j 21:50                        | 14 <b>x</b> 30 23                                     | 2°47'16           |
| desc. node             | -628 Jan 25 j 23:46                        | 0 3<br>2° <b>3</b> 42'28                    |                   | min. Earth dist.          | -628 Dec 13 j 02:43                        | 13° × 10'59   | 0.66450 AU        |
| desc. node             | -628 Feb 14 j 16:17                        | 2 042 28<br>0°≈                             |                   | morning rise              | -628 Dec 17 j 07:24                        | 8° <b>∡</b> 1039                                      | 0.00430 AU        |
| morning set            | -628 Feb 28 j 02:24                        | 23°≈37'10                                   |                   | direct                    | -628 Dec 23 j 09:43                        | 5°×742'06   |                   |
| morning set            | -628 Mar 02 j 09:01                        | 0° <b>∀</b>                                 |                   | morning max el            | -627 Jan 04 j 15:14                        | 12° <b>×</b> <sup>7</sup> 57'21                       | 25°40'42          |
| max. Earth dist.       | -628 Mar 03 j 11:41                        |   | 1.34447 AU        | desc. node                | -627 Jan 11 j 20:49                        | 21°×13'00   | 23 40 42          |
| max. Earth dist.       | 020 Mai 03 j 11.41                         | 2 7(1501                                    | 1.54447 110       | dese. Hode                | -627 Jan 18 j 10:42                        | 0°ਰ<br>ਨੂੰ  |                   |
| superior conj          | -628 Mar 07 j 13:51                        | 10° <b>)</b> 34′58                          | -1°02'11          |                           | -627 Feb 06 j 09:37                        | 0° <b>≈</b>   |                   |
| minimum elong          | -628 Mar 07 j 16:44                        | 10° <b>)</b> (31'50                         |                   | morning set               | -627 Feb 09 j 21:41                        | 6°≈16'49  |                   |
| asc. node              | -628 Mar 13 j 21:03                        | 23° <b>)</b> (48'27                         | 1 01 11           | max. Earth dist.          | -627 Feb 13 j 17:13                        |   | 1.36007 AU        |
| evening rise           | -628 Mar 15 j 01:52                        | 26° <b>)</b> 18'41                          |                   | man. Bartii dibt.         | 02, 100 13 17.13                           | 15 10 25 0 7  | 1.50007110        |
|                        | -628 Mar 16 j 20:54                        | 0°Υ   |                   | superior conj             | -627 Feb 19 j 07:23                        | 24° <b>≈</b> 20'33                                    | -1°26'17          |
| evening max el         | -628 Apr 03 j 19:06                        | 28° <b>Y</b> 06'54                          | 21°16'44          | minimum elong             | -627 Feb 19 j 11:03                        | 24°≈38'54   |                   |
| <i>8</i>               | -628 Apr 05 j 22:32                        | 0°8   |                   |                           | -627 Feb 22 i 02:28                        | 0° <b>)</b> €   |                   |
| retrograde             | -628 Apr 15 j 17:01                        | 3° <b>8</b> 53'36                           |                   | evening rise              | -627 Feb 27 j 07:40                        | 10° <b>)</b> (40′13                                   |                   |
| evening set            | -628 Apr 18 j 01:33                        | 3° <b>8</b> 40'48                           |                   | asc. node                 | -627 Feb 28 j 18:06                        | 13° <b>)</b> 34′19                                    |                   |
| desc. node             | -628 Apr 22 j 22:59                        | 2° <b>8</b> 02'50                           |                   |                           | -627 Mar 09 j 17:24                        | $0^{\circ}\Upsilon$                                   |                   |
|                        | -628 Apr 26 j 20:39                        | 30° <b>Ŗ</b> ♈                              |                   | evening max el            | -627 Mar 17 j 03:42                        | 9° <b>Ƴ</b> 30'45                                     | 20°00'51          |
| inferior conj          | -628 Apr 27 j 10:10                        | 29° <b>Ƴ</b> 41′00                          | -1°16'07          | retrograde                | -627 Mar 27 j 08:55                        | 14° <b>Ƴ</b> 24'25                                    |                   |
| minimum elong          | -628 Apr 27 j 06:35                        | 29° <b>Ƴ</b> 46′03                          | 1°14'51           | evening set               | -627 Mar 29 j 11:59                        | 14° <b>Ƴ</b> 12'37                                    |                   |
| min. Earth dist.       | -628 Apr 27 j 19:04                        | 29° <b>Ƴ</b> 28′28                          | 0.55016 AU        | inferior conj             | -627 Apr 07 j 08:31                        | 10° <b>Ƴ</b> 12'43                                    | 0°41'57           |
| morning rise           | -628 May 06 j 11:53                        | 25° <b>Ƴ</b> 39'09                          |                   | minimum elong             | -627 Apr 07 j 10:21                        | 10° <b>Ƴ</b> 09'56                                    | 0°41'19           |
| direct                 | -628 May 09 j 15:01                        | 25° <b>Ƴ</b> 17'53                          |                   | min. Earth dist.          | -627 Apr 09 j 09:16                        | 8° <b>Ƴ</b> 58'58                                     | 0.55522 AU        |
|                        | -628 May 20 j 19:13                        | $6^{\circ}B$                                |                   | desc. node                | -627 Apr 09 j 20:00                        | 8° <b>Y</b> 43'05                                     |                   |
| morning max el         | -628 May 22 j 07:37                        | 1° <b>8</b> 20'18                           | 22°18'33          | morning rise              | -627 Apr 16 j 06:36                        | 5° <b>Ƴ</b> 44'50                                     |                   |
| asc. node              | -628 Jun 09 j 20:19                        | 29° <b>8</b> 15'29                          |                   | direct                    | -627 Apr 20 j 05:44                        | 5° <b>Ƴ</b> 10′15                                     |                   |
|                        | -628 Jun 10 j 05:13                        | $\Pi^{\circ}0$                              |                   | morning max el            | -627 May 04 j 00:38                        | 12° <b>Ƴ</b> 00′23                                    | 23°58'53          |
| morning set            | -628 Jun 12 j 22:42                        | 5° <b>Ⅱ</b> 35′22                           |                   |                           | -627 May 17 j 15:47                        | 0°8   |                   |
|                        |  |   |                   | asc. node                 | -627 May 27 j 17:24                        | 19° <b>8</b> 04'37                                    |                   |
| superior conj          | -628 Jun 20 j 04:03                        | 20° <b>Ⅲ</b> 53′00                          | 1°30'06           | morning set               | -627 May 28 j 10:30                        | 20° <b>8</b> 34'10                                    |                   |
| minimum elong          | -628 Jun 20 j 01:39                        | 20° <b>Ⅱ</b> 40′18                          | 1°29'50           |                           | -627 Jun 01 j 20:14                        | $\Pi^{\circ}0$  |                   |
| max. Earth dist.       | -628 Jun 23 j 08:08                        | 27° <b>Ⅲ</b> 29'55                          | 1.34397 AU        |                           |  |   |                   |
|                        | -628 Jun 24 j 13:28                        | 0°9   |                   | superior conj             | -627 Jun 04 j 11:40                        | 5° <b>Ⅱ</b> 43'01                                     | 1°13'43           |
| evening rise           | -628 Jun 28 j 02:37                        | 7° <b>5</b> 04'00                           |                   | minimum elong             | -627 Jun 04 j 09:10                        | 5° <b>Ⅱ</b> 29'34                                     | 1°13'20           |
|                        | -628 Jul 10 j 23:19                        | $0^{\circ}\Omega$                           |                   | max. Earth dist.          | -627 Jun 06 j 10:25                        | 9° <b>Ⅱ</b> 53'56                                     | 1.33352 AU        |
| desc. node             | -628 Jul 19 j 22:19                        | 13° <b>Ω</b> 29'40                          |                   | evening rise              | -627 Jun 11 j 21:41                        | 21° <b>Ⅱ</b> 16′19                                    |                   |
| evening max el         | -628 Aug 01 j 21:52                        | 29° <b>Ω</b> 00'43                          | 27°06'11          |                           | -627 Jun 16 j 08:58                        | 0ං <b>ව</b>   |                   |
|                        | -628 Aug 02 j 23:12                        | 0°Щ   |                   |                           | -627 Jul 04 j 21:26                        | $0^{\circ}\Omega$                                     |                   |
|                        |  |   |                   |                           |  |   |                   |

| Attantian action  | •  |   | •   |  |   |   | ge 147   |
|---|--|---|---|--|---|---|--|
|   | nical year style is used: The  | -   | astronomical cou  |  |   |   | 27912150   |
| desc. node  | -627 Jul 06 j 19:20  | 2° <b>Ω</b> 30'57   | 27025112  | evening max el   | -626 Jun 27 j 15:51   | 24°5647'02  | 2/312/50   |
| evening max el  | -627 Jul 15 j 08:32  | 12° <b>Ω</b> 09'49  | 27°25'12  |  | -626 Jul 04 j 11:12   | 0°Ω   |  |
| retrograde  | -627 Jul 29 j 00:14  | 19° <b>Ω</b> 30'24  |   | retrograde   | -626 Jul 11 j 13:04   | 2° <b>Ω</b> 05′03   |  |
| evening set   | -627 Aug 05 j 04:40  | 16° <b>Ω</b> 50'15  |   |  | -626 Jul 18 j 05:51   | 30° <b>₹</b> ∽  |  |
| min. Earth dist.  | -627 Aug 08 j 19:33  | 13° <b>Ω</b> 38'41  | 0.63637 AU  | evening set  | -626 Jul 18 j 15:21   | 29° <b>©</b> 45'00  |  |
| inferior conj   | -627 Aug 11 j 09:51  | 10° <b>Ω</b> 59'14  | -3°36'45  | min. Earth dist.   | -626 Jul 22 j 05:56   | 26° <b>©</b> 57'42  | 0.61807 AU   |
| minimum elong   | -627 Aug 11 j 14:28  | 10° <b>Ω</b> 47'23  | 3°35'32   | inferior conj  | -626 Jul 25 j 07:56   | 24° <b>©</b> 09'52  | -4°16'13   |
| morning rise  | -627 Aug 18 j 01:19  | 5° <b>Ω</b> 41'17   |   | minimum elong  | -626 Jul 25 j 11:57   | 24° <b>©</b> 00'42  | 4°15'33  |
| direct  | -627 Aug 20 j 15:16  | 5° <b>Ω</b> 08'39   |   | morning rise   | -626 Aug 01 j 10:02   | 19° <b>©</b> 11'47  |  |
| asc. node   | -627 Aug 23 j 16:35  | 5° <b>Ω</b> 54'53   |   | direct   | -626 Aug 03 j 21:55   | 18° <b>5</b> 45'08  |  |
| morning max el  | -627 Aug 27 j 04:50  | 8° <b>Ω</b> 34'19   | 17°55'10  | asc. node  | -626 Aug 10 j 13:38   | 21° <b>©</b> 59'08  |  |
| •   | -627 Sep 10 j 10:17  | 0° <b>m</b> )   |   | morning max el   | -626 Aug 10 j 19:20   | 22° <b>©</b> 12'49  | 17°56'46   |
| morning set   | -627 Sep 13 j 00:09  | 4° Mp 28'25   |   | Ü  | -626 Aug 16 j 19:55   | $0^{\circ}\Omega$   |  |
| C   | 1 3  | •   |   | morning set  | -626 Aug 26 j 19:43   | 17° <b>Ω</b> 22'07  |  |
| superior conj   | -627 Sep 25 j 08:40  | 25° m 27'03   | 0°47'42   | . 8  | -626 Sep 02 j 19:51   | 0° m)   |  |
| minimum elong   | -627 Sep 25 j 13:17  | 25° m 46'03   | 0°47'06   |  |   | - 4   |  |
| mmmum viong   | -627 Sep 28 j 03:24  | 0∘ <b>ʊ</b>   | 0 17 00   | superior conj  | -626 Sep 06 j 10:51   | 6° m 21'20  | 1°20'03  |
| max. Earth dist.  | -627 Oct 01 j 07:36  | ა <b>_</b><br>5° <b>ჲ</b> 07'07   | 1.44007 AU  | minimum elong  | -626 Sep 06 j 15:41   | 6° m) 42'14   | 1°19'33  |
| desc. node  | -627 Oct 02 j 18:39  | 7° <b>≏</b> 26'57   | 1.4400/ AC  | max. Earth dist.   | -626 Sep 13 j 19:52   | 18° Mp 48'06  | 1.42578 AU   |
|   |  |   |   |  | 1 3   |   | 1.42376 AU   |
| evening rise  | -627 Oct 11 j 05:49  | 20° <b>Ω</b> 41'52  |   | desc. node   | -626 Sep 19 j 15:41   | 28° Mp 12'09  |  |
|   | -627 Oct 17 j 07:50  | 0°M   |   | evening rise   | -626 Sep 20 j 16:02   | 29° m/48'21   |  |
|   | -627 Nov 07 j 20:08  | 0° <b>∡</b> 7   |   |  | -626 Sep 20 j 19:00   | 0∘ <b>⊽</b>   |  |
| evening max el  | -627 Nov 08 j 17:26  |   | 20°41'21  |  | -626 Oct 10 j 23:21   | 0° <b>M</b>   |  |
| retrograde  | -627 Nov 16 j 21:54  | 5° <b>∡</b> 146'51  |   | evening max el   | -626 Oct 22 j 13:37   |   | 21°54'20   |
| asc. node   | -627 Nov 19 j 15:49  | 5° <b>∡</b> '03'52  |   | retrograde   | -626 Oct 31 j 18:13   | 19° <b>M</b> 52'46  |  |
| evening set   | -627 Nov 20 j 18:57  | 4° <b>∡</b> ¹20'33  |   | evening set  | -626 Nov 05 j 02:43   | 18° <b>™</b> 09'26  |  |
|   | -627 Nov 24 j 20:20  | 30°RM₊  |   | asc. node  | -626 Nov 06 j 12:51   | 16° <b>™</b> 50′29  |  |
| inferior conj   | -627 Nov 26 j 04:38  | 28° <b>M</b> 11'27  | 2°06'38   | inferior conj  | -626 Nov 10 j 11:02   | 11° <b>M</b> 52'43  | 1°19'18  |
| minimum elong   | -627 Nov 26 j 02:08  | 28° <b>™</b> 19'58  | 2°05'44   | minimum elong  | -626 Nov 10 j 09:18   | 11° <b>M</b> 58'43  | 1°18'35  |
| min. Earth dist.  | -627 Nov 26 j 18:19  | 27° <b>™</b> 24'49  | 0.67176 AU  | min. Earth dist.   | -626 Nov 10 j 13:36   | 11°ML43'51  | 0.67557 AU   |
| morning rise  | -627 Dec 01 j 09:07  | 21°M57'40   |   | morning rise   | -626 Nov 15 j 15:43   | 5° <b>™</b> 39'49   |  |
| direct  | -627 Dec 06 j 20:43  | 19° <b>M</b> 33'19  |   | direct   | -626 Nov 20 j 12:08   | 3°M37'15  |  |
| morning max el  | -627 Dec 17 j 23:36  | 26°M11'28   | 24°17'29  | morning max el   | -626 Nov 30 j 09:26   | 9° <b>™</b> 29'37   | 22°49'51   |
| . 8   | -627 Dec 21 j 11:50  | 0° <b>⊼</b>   |   |  | -626 Dec 16 j 11:06   | 0° <b>⊼</b> ¹   |  |
| desc. node  | -627 Dec 29 j 17:52  | 10° <b>₹</b> 27'36  |   | desc. node   | -626 Dec 16 j 14:54   | 0° <b>х</b> 13′39   |  |
| dese. Hode  | -626 Jan 12 j 00:52  | 0°る   |   | morning set  | -625 Jan 03 j 15:39   | 28°×703'42  |  |
| morning set   | -626 Jan 22 j 20:09  | 00<br>17° <b>る</b> 50'51  |   | morning set  | -625 Jan 04 j 19:43   | 0°る   |  |
| max. Earth dist.  | -626 Jan 26 j 13:41  |   | 1.37947 AU  | max. Earth dist.   | -625 Jan 08 j 09:17   |   | 1.40065 AU   |
| max. Earm dist.   | 3  |   | 1.37947 AU  | max. Earth dist.   | -023 Jan 08 J 09.17   | 0 00118   | 1.40003 AU   |
|   | -626 Jan 29 j 14:34  | 0° <b>≈</b>   |   |  | (25.1 16:02.46  | 100=45140   | 1050120  |
|   | (2(E1 02:12.21   | 7027157   | 1046107   | superior conj  | -625 Jan 16 j 03:46   | 19° <b>3</b> 45'49  |  |
| superior conj   | -626 Feb 02 j 13:31  | 7° <b>≈</b> 27'57   |   | minimum elong  | -625 Jan 16 j 05:39   | 19° <b>る</b> 54'26  | 1°58'34  |
| minimum elong   | -626 Feb 02 j 17:03  | 7° <b>≈</b> 44'58   | 1°45'49   |  | -625 Jan 21 j 15:57   | 0° <b>≈</b>   |  |
| evening rise  | -626 Feb 11 j 07:09  | 24° <b>≈</b> 37′03  |   | evening rise   | -625 Jan 25 j 21:27   | 8° <b>≈</b> 02'05   |  |
|   | -626 Feb 14 j 01:09  | 0° <b>ℋ</b>   |   | asc. node  | -625 Feb 02 j 12:11   | 22° <b>≈</b> 03'45  |  |
| asc. node   | -626 Feb 15 j 15:09  | 3° <b>∺</b> 01'33   |   |  | -625 Feb 07 j 14:46   | 0° <b>ℋ</b>   |  |
| evening max el  | -626 Feb 27 j 23:12  | 21° <b>)</b> €32'31   | 19°03'38  | evening max el   | -625 Feb 11 j 03:17   | 4° <b>)</b> €06'35  | 18°26'24   |
| retrograde  | 626 Mar 00: 12.50  |   |   |  | 023 1 00 11 1 03.17   |   | 10 2021  |
| evening set   | -626 Mar 08 j 13:58  | 25° <b>)</b> 41′10  |   | retrograde   | -625 Feb 18 j 13:56   | 7° <b>){</b> 46′20  | 10 2021  |
|   | -626 Mar 10 j 20:28  | 25° <del>X</del> 41'10<br>25° <del>X</del> 25'08  |   | retrograde<br>evening set  | ,   |   | 10 2021  |
| inferior conj   | -  |   | 2°18'26   | -  | -625 Feb 18 j 13:56   | 7° <b>){</b> 46′20  | 3°19'39  |
| -   | -626 Mar 10 j 20:28  | 25° <b>∺</b> 25′08  | 2°18'26<br>2°17'12                                      | evening set  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29  | 7°¥46'20<br>7°¥23'10<br>2°¥49'34  |  |
| inferior conj   | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00  | 25° <b>)</b> 25′08<br>21° <b>)</b> 11′42  |   | evening set<br>inferior conj   | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05  | 7°¥46′20<br>7°¥23′10<br>2°¥49′34<br>2°¥42′19  | 3°19'39  |
| inferior conj<br>minimum elong<br>min. Earth dist.  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00   | 25°¥25'08<br>21°¥11'42<br>21°¥04'01<br>19°¥03'17  | 2°17'12   | evening set<br>inferior conj<br>minimum elong  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51   | 7°¥46'20<br>7°¥23'10<br>2°¥49'34<br>2°¥42'19<br>30°8≈   | 3°19'39<br>3°19'00   |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34  | 25°¥25'08<br>21°¥11'42<br>21°¥04'01<br>19°¥03'17<br>16°¥11'19   | 2°17'12   | evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51  | 7°\£46'20<br>7°\£23'10<br>2°\£49'34<br>2°\£42'19<br>30°\&<br>0°\£03'49  | 3°19'39  |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03   | 25°\£25'08<br>21°\£11'42<br>21°\£04'01<br>19°\£03'17<br>16°\£11'19<br>16°\£01'24  | 2°17'12   | evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51<br>-625 Mar 07 j 22:13   | 7° ★46'20<br>7° ★23'10<br>2° ★49'34<br>2° ★42'19<br>30° R≈<br>0° ★03'49<br>27°≈21'44  | 3°19'39<br>3°19'00   |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node<br>direct  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14  | 25°\£25'08<br>21°\£11'42<br>21°\£04'01<br>19°\£03'17<br>16°\£11'19<br>16°\£01'24<br>15°\£09'41  | 2°17'12<br>0.56878 AU                                   | evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51   | 7° ★46'20<br>7° ★23'10<br>2° ★49'34<br>2° ★42'19<br>30° R≈<br>0° ★03'49<br>27°≈21'44<br>25°≈43'20   | 3°19'39<br>3°19'00   |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22   | 25°\£25'08<br>21°\£11'42<br>21°\£04'01<br>19°\£03'17<br>16°\£11'19<br>16°\£01'24<br>15°\£09'41<br>22°\£31'28  | 2°17'12   | evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04  | 7° \ \ 46'20<br>7° \ \ 23'10<br>2° \ \ 49'34<br>2° \ \ 42'19<br>30° \ \ 8≈<br>0° \ \ 03'49<br>27° ≈ 21'44<br>25° ≈ 43'20<br>25° ≈ 44'01   | 3°19'39<br>3°19'00   |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node<br>direct  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14  | 25°\£25'08<br>21°\£11'42<br>21°\£04'01<br>19°\£03'17<br>16°\£11'19<br>16°\£01'24<br>15°\£09'41<br>22°\£31'28<br>0°\Υ  | 2°17'12<br>0.56878 AU                                   | evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>desc. node  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06  | 7° \(\daggregarrow\) \(46'20\) 2° \(\daggregarrow\) \(49'34\) 2° \(\daggregarrow\) \(42'19\) 30° \(\lambda\) \(\daggregarrow\) \(20'\) 27° \(\approx\) \(21'44\) 25° \(\approx\) \(43'20\) 25° \(\approx\) \(44'01\) 0° \(\daggregarrow\) | 3°19'39<br>3°19'00<br>0.58779 AU                                   |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node<br>direct<br>morning max el  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55   | 25°¥25'08<br>21°¥11'42<br>21°¥04'01<br>19°¥03'17<br>16°¥11'19<br>16°¥01'24<br>15°¥09'41<br>22°¥31'28<br>0°Υ<br>0° <b>४</b>  | 2°17'12<br>0.56878 AU                                   | evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34   | 7° ★46′20<br>7° ★23′10<br>2° ¥49′34<br>2° ¥42′19<br>30° R≈<br>0° ₩03′49<br>27°≈21′44<br>25°≈43′20<br>25°≈44′01<br>0° ₩<br>3° ¥22′03   | 3°19'39<br>3°19'00   |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node<br>direct<br>morning max el  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21  | 25°\£25'08<br>21°\£11'42<br>21°\£04'01<br>19°\£03'17<br>16°\£11'19<br>16°\£01'24<br>15°\£09'41<br>22°\£31'28<br>0°\\$\Colombox\$\Colombox\$\Oo\\$\Colombox\$\Colombox\$\Oo\\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Colombox\$\Oo\\$\Oo\\$\Oo\\$\Oo\\$\Oo\\$\Oo\\$\Oo\\$\O | 2°17'12<br>0.56878 AU                                   | evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24   | 7° ★46'20<br>7° ★23'10<br>2° ¥49'34<br>2° ¥42'19<br>30° R≈<br>0° ₩03'49<br>27° ≈21'44<br>25° ≈43'20<br>25° ≈44'01<br>0° ₩<br>3° ₩22'03<br>0° ♥  | 3°19'39<br>3°19'00<br>0.58779 AU                                   |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>desc. node<br>direct<br>morning max el  | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55   | 25°¥25'08<br>21°¥11'42<br>21°¥04'01<br>19°¥03'17<br>16°¥11'19<br>16°¥01'24<br>15°¥09'41<br>22°¥31'28<br>0°Υ<br>0° <b>४</b>  | 2°17'12<br>0.56878 AU                                   | evening set inferior conj minimum elong  min. Earth dist. morning rise direct desc. node  morning max el  morning set  | -625 Feb 18 j 13:56<br>-625 Feb 28 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24<br>-625 Apr 27 j 08:34  | 7° ★46'20 7° ★23'10 2° ¥49'34 2° ¥42'19 30° ₹≈ 0° ¥03'49 27° ≈21'44 25° ≈43'20 25° ≈44'01 0° ¥ 3° ¥22'03 0° Υ 20° Υ25'41  | 3°19'39<br>3°19'00<br>0.58779 AU                                   |
| inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node   | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21<br>-626 May 14 j 14:27   | 25°\text{25'08} 21°\text{11'42} 21°\text{40'01} 19°\text{403'17} 16°\text{11'19} 16°\text{401'24} 15°\text{409'41} 22°\text{31'28} 0°\text{7} 0°\text{8} 5°\text{832'48} 9°\text{805'49}  | 2°17'12<br>0.56878 AU<br>25°35'00                       | evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -625 Feb 18 j 13:56<br>-625 Feb 28 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24<br>-625 Apr 27 j 08:34<br>-625 May 01 j 11:29   | 7° ★46'20 7° ★23'10 2° ★49'34 2° ★42'19 30° R≈ 0° ★03'49 27°≈21'44 25°≈43'20 25°≈44'01 0° ★ 3° ★22'03 0° Υ 20° Υ25'41 29° Υ14'23  | 3°19'39<br>3°19'00<br>0.58779 AU                                   |
| inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj                                 | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21<br>-626 May 14 j 14:27   | 25°\text{25'08} 21°\text{11'42} 21°\text{10'142} 21°\text{10'17} 16°\text{11'19} 16°\text{10'124} 15°\text{10'24} 122°\text{31'28} 0°\text{0} 0°\text{8} 5°\text{32'48} 9°\text{805'49} 20°\text{840'47}  | 2°17'12<br>0.56878 AU<br>25°35'00<br>0°53'36            | evening set inferior conj minimum elong  min. Earth dist. morning rise direct desc. node  morning max el  morning set  | -625 Feb 18 j 13:56<br>-625 Feb 28 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24<br>-625 Apr 27 j 08:34  | 7° ★46'20 7° ★23'10 2° ¥49'34 2° ¥42'19 30° ₹≈ 0° ¥03'49 27° ≈21'44 25° ≈43'20 25° ≈44'01 0° ¥ 3° ¥22'03 0° Υ 20° Υ25'41  | 3°19'39<br>3°19'00<br>0.58779 AU                                   |
| inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong                   | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21<br>-626 May 14 j 14:27<br>-626 May 19 j 20:08  | 25°\text{25'08} 21°\text{11'42} 21°\text{10'142} 19°\text{10'17} 16°\text{11'19} 16°\text{10'124} 15°\text{10'24} 15°\text{10'28} 0°\text{10'28} 0°\text{10'28} 0°\text{10'28} 20°\text{20'19}  | 2°17'12<br>0.56878 AU<br>25°35'00<br>0°53'36<br>0°53'13 | evening set inferior conj minimum elong  min. Earth dist. morning rise direct desc. node  morning max el morning set asc. node   | -625 Feb 18 j 13:56<br>-625 Feb 28 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24<br>-625 Apr 27 j 08:34<br>-625 May 01 j 11:29<br>-625 May 01 j 19:52   | 7°\\\\\46'20<br>7°\\\\\23'10<br>2°\\\\\\42'19<br>30°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\  | 3°19'39<br>3°19'00<br>0.58779 AU                                   |
| inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj                                 | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21<br>-626 May 14 j 14:27   | 25°\text{25'08} 21°\text{11'42} 21°\text{10'119} 19°\text{10'119} 16°\text{11'19} 16°\text{10'124} 15°\text{10'24} 15°\text{31'28} 0°\text{0} 0°\text{5} 5°\text{33'48} 9°\text{305'49}  20°\text{40'47} 20°\text{529'19} 22°\text{33'22}   | 2°17'12<br>0.56878 AU<br>25°35'00<br>0°53'36            | evening set inferior conj minimum elong  min. Earth dist. morning rise direct desc. node  morning max el  morning set  | -625 Feb 18 j 13:56<br>-625 Feb 28 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24<br>-625 Apr 27 j 08:34<br>-625 May 01 j 11:29   | 7°\\\\\46'20 7°\\\\\23'10 2°\\\\\49'34 2°\\\\\42'19 30°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\   | 3°19'39<br>3°19'00<br>0.58779 AU<br>26°51'41                       |
| inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong                   | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21<br>-626 May 14 j 14:27<br>-626 May 19 j 20:08  | 25°\text{25'08} 21°\text{11'42} 21°\text{10'142} 19°\text{10'17} 16°\text{11'19} 16°\text{10'124} 15°\text{10'24} 15°\text{10'28} 0°\text{10'28} 0°\text{10'28} 0°\text{10'28} 20°\text{20'19}  | 2°17'12<br>0.56878 AU<br>25°35'00<br>0°53'36<br>0°53'13 | evening set inferior conj minimum elong  min. Earth dist. morning rise direct desc. node  morning max el morning set asc. node   | -625 Feb 18 j 13:56<br>-625 Feb 28 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24<br>-625 Apr 27 j 08:34<br>-625 May 01 j 11:29<br>-625 May 01 j 19:52   | 7°\\\\\46'20<br>7°\\\\\23'10<br>2°\\\\\\42'19<br>30°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\  | 3°19'39<br>3°19'00<br>0.58779 AU<br>26°51'41                       |
| inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong                   | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21<br>-626 May 14 j 14:27<br>-626 May 19 j 20:08<br>-626 May 20 j 19:35   | 25°\text{25'08} 21°\text{11'42} 21°\text{10'119} 19°\text{10'119} 16°\text{11'19} 16°\text{10'124} 15°\text{10'24} 15°\text{31'28} 0°\text{0} 0°\text{5} 5°\text{33'48} 9°\text{305'49}  20°\text{40'47} 20°\text{529'19} 22°\text{33'22}   | 2°17'12<br>0.56878 AU<br>25°35'00<br>0°53'36<br>0°53'13 | evening set inferior conj minimum elong  min. Earth dist. morning rise direct desc. node  morning max el morning set asc. node  superior conj                                | -625 Feb 18 j 13:56<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24<br>-625 May 01 j 11:29<br>-625 May 01 j 19:52   | 7°\\\\\46'20 7°\\\\\23'10 2°\\\\\49'34 2°\\\\\42'19 30°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\   | 3°19'39<br>3°19'00<br>0.58779 AU<br>26°51'41                       |
| inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21<br>-626 May 19 j 22:14<br>-626 May 19 j 20:08<br>-626 May 20 j 19:35<br>-626 May 24 j 05:35                        | 25°\text{25'08} 21°\text{11'42} 21°\text{10'17} 16°\text{11'19} 16°\text{10'124} 15°\text{10'24} 15°\text{10'24} 22°\text{31'28} 0°\text{0} 0°\text{8} 5°\text{32'48} 9°\text{805'49} 20°\text{840'47} 20°\text{829'19} 22°\text{837'22} 0°\text{11}  | 2°17'12<br>0.56878 AU<br>25°35'00<br>0°53'36<br>0°53'13 | evening set inferior conj minimum elong  min. Earth dist. morning rise direct desc. node  morning max el morning set asc. node  superior conj minimum elong                  | -625 Feb 18 j 13:56<br>-625 Feb 21 j 01:29<br>-625 Feb 28 j 09:31<br>-625 Feb 28 j 13:05<br>-625 Mar 03 j 21:51<br>-625 Mar 03 j 19:51<br>-625 Mar 07 j 22:13<br>-625 Mar 14 j 01:51<br>-625 Mar 14 j 14:04<br>-625 Mar 24 j 13:06<br>-625 Mar 28 j 09:34<br>-625 Apr 16 j 17:24<br>-625 Apr 27 j 08:34<br>-625 May 01 j 11:29<br>-625 May 01 j 19:52<br>-625 May 04 j 09:58<br>-625 May 04 j 09:58 | 7°\\\\\46'20 7°\\\\\23'10 2°\\\\\49'34 2°\\\\\42'19 30°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\   | 3°19'39<br>3°19'00<br>0.58779 AU<br>26°51'41<br>0°30'38<br>0°30'22 |
| inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. | -626 Mar 10 j 20:28<br>-626 Mar 18 j 22:35<br>-626 Mar 19 j 03:00<br>-626 Mar 22 j 01:00<br>-626 Mar 27 j 06:34<br>-626 Mar 27 j 17:03<br>-626 Apr 01 j 09:14<br>-626 Apr 15 j 15:22<br>-626 Apr 22 j 06:14<br>-626 May 10 j 05:55<br>-626 May 12 j 22:21<br>-626 May 19 j 20:08<br>-626 May 19 j 20:08<br>-626 May 20 j 19:35<br>-626 May 24 j 05:35<br>-626 May 27 j 00:30 | 25°\£25'08<br>21°\£11'42<br>21°\£04'01<br>19°\£03'17<br>16°\£11'19<br>16°\£01'24<br>15°\£09'41<br>22°\£31'28<br>0°\\$\forall 0'\\$\text{8}<br>9°\\$\text{8}<br>20°\\$\text{4}<br>20°\\$\text{2}<br>20°\\$\text{2}<br>20°\\$\text{2}<br>20°\\$\text{2}<br>20°\\$\text{2}<br>20°\\$\text{3}<br>20°\\$\text{3}<br>20°\\$\text{2}<br>20°\\$\text{3}<br>20°\\$\text{3}<br>20°\\$\text{3}<br>21'16  | 2°17'12<br>0.56878 AU<br>25°35'00<br>0°53'36<br>0°53'13 | evening set inferior conj minimum elong  min. Earth dist. morning rise direct desc. node  morning max el morning set asc. node  superior conj minimum elong max. Earth dist. | -625 Feb 18 j 13:56 -625 Feb 21 j 01:29 -625 Feb 28 j 09:31 -625 Feb 28 j 13:05 -625 Mar 03 j 21:51 -625 Mar 03 j 19:51 -625 Mar 07 j 22:13 -625 Mar 14 j 01:51 -625 Mar 14 j 14:04 -625 Mar 24 j 13:06 -625 Mar 28 j 09:34 -625 Apr 16 j 17:24 -625 Apr 27 j 08:34 -625 May 01 j 11:29 -625 May 01 j 19:52 -625 May 04 j 09:58 -625 May 04 j 08:39 -625 May 04 j 08:17                             | 7°\\\\\46'20 7°\\\\23'10 2°\\\\\49'34 2°\\\\\42'19 30°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\  | 3°19'39<br>3°19'00<br>0.58779 AU<br>26°51'41<br>0°30'38<br>0°30'22 |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -625 Jun 03 j 15:17 0ಂತಾ evening rise -624 Apr 24 j 19:11 5°**8**34'46 -625 Jun 09 j 17:19 6°5941'34 26°27'26 -624 May 07 j 18:15  $\Pi^{\circ}0$ evening max el -625 Jun 10 j 13:22 17°**耳**51'35 25°13'27 desc. node 7°9628'13 evening max el -624 May 21 j 11:53 -625 Jun 23 j 17:39 13°956'05 -624 May 27 j 10:22 22°II30'56 retrograde desc. node -625 Jun 30 j 06:28 12°908'45 -624 Jun 04 j 12:27 25°**Ⅱ**00'28 evening set retrograde 23°**Ⅲ**52′01 -625 Jul 04 j 06:27 0.59775 AU -624 Jun 09 j 22:51 min. Earth dist. 9°**©**30'45 evening set 6°952'21 -4°39'03 inferior conj -625 Jul 07 j 14:41 min. Earth dist. -624 Jun 14 j 23:38 21°**Ⅱ**05'30 0.57765 AU minimum elong -625 Jul 07 j 16:16 6°9549'12 4°38'59 inferior conj -624 Jun 18 j 02:43 18°**I**57'09 -4°34'35 morning rise -625 Jul 15 j 04:06 2°9516'31 minimum elong -624 Jun 18 j 00:02 19°**I**101'45 4°34'21 direct -625 Jul 17 j 16:03 1°953'57 morning rise -624 Jun 26 j 03:58 14°**Ⅲ**43'24 morning max el -625 Jul 25 j 05:44 5°**5**33'18 18°17'56 direct -624 Jun 28 j 17:13 14°**Ⅲ**23'53 -625 Jul 28 j 10:42 -624 Jul 07 j 09:08 asc. node 9°9511'18 morning max el 18°**Ⅲ**27′16 18°59'40 -625 Aug 09 j 17:30  $0^{\circ}\Omega$ asc. node -624 Jul 14 j 07:45 27°**Ⅱ**16'56 morning set -625 Aug 10 j 05:46  $0^{\circ}\Omega58'16$ -624 Jul 15 j 23:46 0ಂತಾ morning set -624 Jul 24 j 02:10 15°905'54 superior conj -625 Aug 19 j 14:00 18°**Ω**30′03 1°39'15 -624 Jul 31 j 16:12  $0^{\circ}\Omega$ minimum elong -625 Aug 19 j 16:56 18°**Ω**43'26 1°39'04 -625 Aug 26 j 01:22 superior conj -624 Aug 01 j 12:31 1°**Ω**37'46 1°47'04 max. Earth dist. -625 Aug 27 j 03:02 1° m 50'21 1.40737 AU minimum elong -624 Aug 01 j 13:14 1°**Ω**41'11 1°47'03 evening rise -625 Aug 31 j 20:59 9° m 47'47 max. Earth dist. -624 Aug 08 j 06:14 14°**Ω**09'44 1.38727 AU desc. node -625 Sep 06 j 12:42 18° m 52'20 evening rise -624 Aug 12 j 02:59 20°**Ω**58'38 -625 Sep 13 j 19:49 0∘**⊽** -624 Aug 17 j 11:46 0° m evening max el -625 Oct 05 i 04:45 27°**2**54'43 23°13'35 desc. node -624 Aug 23 i 09:44 9° m 23'42 -625 Oct 07 i 10:01 0°M -624 Sep 06 i 20:28 0∘**⊽** -625 Oct 15 j 11:51 4°M00'26 evening max el -624 Sep 16 j 16:48 11°**≏**27'54 24°33'00 retrograde -625 Oct 20 j 09:38 -624 Sep 28 j 01:52 18°**♀**07'00 evening set 1°M.58'49 retrograde -625 Oct 22 j 09:14 -624 Oct 03 j 14:06 evening set 15° - 47'25 -625 Oct 24 j 09:53 -624 Oct 08 j 05:37 27°**£**27'31 min. Earth dist. 10°**2**27'36 0.67361 AU asc. node -625 Oct 25 j 18:02 inferior conj -624 Oct 08 j 23:59 25°**△**37'57 0°27'40 9°**Ω**26'13 -0°26'42 inferior coni -624 Oct 09 j 00:38 -625 Oct 25 j 17:23 minimum elong 25°**Ω**40'11 0°27'23 minimum elong 9°**£**24'01 0°26'25 -625 Oct 25 j 10:07 min. Earth dist. 26°**♀**05'10 0.67617 AU -624 Oct 10 j 06:55 7°**£**44'14 asc. node -625 Oct 31 j 01:04 19°**£**28'21 -624 Oct 14 j 11:15 3°**₽**22'23 morning rise morning rise 2°**2**03'08 -625 Nov 04 j 07:03 17°**£**48'20 -624 Oct 18 j 04:24 direct direct -625 Nov 13 j 00:22 -624 Oct 25 j 22:43 morning max el 22°**2**55'19 21°26'14 morning max el 6°**2**31'47 20°12'48 -624 Nov 12 j 06:58 -625 Nov 19 j 02:06 0°M 0°M desc. node -625 Dec 03 j 11:55 20°M21'45 desc. node -624 Nov 19 j 08:59 10°M46'09 -625 Dec 09 j 20:07 0°**∡** morning set -624 Nov 22 j 03:38 15°M03'00 morning set -625 Dec 14 j 06:17 6°**х** 54′28 -624 Dec 01 j 16:15 0°**⊼** max. Earth dist. -625 Dec 21 j 10:45 18°**҂**29'33 1.42070 AU max. Earth dist. -624 Dec 02 j 19:36 1°×749'20 1.43684 AU -625 Dec 28 j 06:48 0°ರ superior conj -624 Dec 08 j 11:24 10°**₹**59'58 -1°44'58 -625 Dec 28 j 20:39 0°る59'41 -1°59'44 -624 Dec 08 j 04:57 10°**≯**33'30 1°44'31 superior conj minimum elong -625 Dec 28 j 18:51 0°る51'55 1°59'42 -624 Dec 19 j 17:45 0°정 minimum elong -624 Jan 08 j 22:54 20°る46'33 -624 Dec 21 j 07:26 2°る42'52 evening rise evening rise -624 Jan 14 j 01:23 -623 Jan 06 j 06:13 28°る16'56 0°≈ asc. node -624 Jan 20 j 09:12 -623 Jan 07 i 18:55 asc. node 10°≈32'10 0°≈ -624 Jan 25 i 12:53 evening max el 17°≈03'28 18°09'08 evening max el -623 Jan 08 i 01:05 0°≈15'46 18°11'17 retrograde -624 Feb 01 i 07:12 20°≈30'18 retrograde -623 Jan 14 i 13:15 3°≈43'11 evening set -624 Feb 03 i 23:06 19°≈58'41 evening set -623 Jan 17 i 09:20 3°≈02'12 -624 Feb 10 i 16:10 15°≈03'40 3°48'00 -623 Jan 21 j 11:01 30°Rる inferior coni -624 Feb 10 j 17:27 15°≈00'38 3°47'55 inferior coni -623 Jan 23 j 14:57 27°る46'51 3°51'09 minimum elong -624 Feb 13 j 20:55 12°≈04'27 minimum elong -623 Jan 23 j 14:06 27°る49'05 3°51'07 min. Earth dist. 0.60864 AU -624 Feb 17 j 10:12 9°≈16'56 min. Earth dist. -623 Jan 26 j 06:56 24°る57'08 0.62847 AU morning rise -624 Feb 24 j 05:28 direct 7°≈02'15 morning rise -623 Jan 29 j 17:58 21°る48'20 desc. node -624 Feb 29 j 11:05 8°≈14'50 direct -623 Feb 05 j 18:12 19°る07'29 -624 Mar 09 j 10:05 14°≈50'11 27°36'57 desc. node -623 Feb 15 j 08:08 23°る08'55 morning max el -624 Mar 21 j 17:02 0°**)**€ morning max el -623 Feb 19 j 16:12 26°る59'01 27°45'24  $0^{\circ}\Upsilon$ -624 Apr 08 j 02:54 -623 Feb 22 j 12:52 0°≈ -624 Apr 10 j 15:21 5°**Y**06′12 -623 Mar 15 j 07:40 0°**)**€ morning set -624 Apr 16 j 20:36 18°**Y**20'42 1.32451 AU -623 Mar 25 j 16:30 19°**∺**26'38 max. Earth dist. morning set -624 Apr 17 j 08:32 19°**Y**25'48  $0^{\circ}\Upsilon$ asc. node -623 Mar 30 j 18:38 max. Earth dist. -623 Mar 31 j 04:28 0°**Υ**52'19 1.32884 AU superior conj -624 Apr 17 j 21:10 20°**Υ**34'54 0°05'35 minimum elong -624 Apr 17 j 20:55 20°**Y**33'30 0°05'33 superior conj -623 Apr 02 j 06:11 5°**Y**19'13 -0°20'44 behind sun begin -624 Apr 17 j 16:09 20°**Y**07′28 minimum elong -623 Apr 02 j 07:10 5°**Y**24'31 0°20'31 behind sun end -624 Apr 18 j 01:41 20°Y59'33 -623 Apr 04 j 05:34 9°Y35'44 asc. node

-623 Apr 09 j 06:59

evening rise

20°Y28'30

-624 Apr 22 j 04:41

0°8

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 149 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: Tl               | -  | astronomical cou | inting style is the year          |  |                     |             |
|---------------------|--|--|------------------|-----------------------------------|--|---------------------|-------------|
|                     | -623 Apr 13 j 22:50                        | 0° <b>8</b>                              |                  |                                   | -622 Mar 22 j 06:20                        | 0° <b>Υ</b>         |             |
| evening max el      | -623 May 03 j 02:35                        | 28° <b>8</b> 31'41                       | 23°41'57         | evening rise                      | -622 Mar 24 j 17:59                        | 5° <b>Y</b> 15′05   |             |
|                     | -623 May 04 j 17:16                        | 0°Ⅱ                                      |                  |                                   | -622 Apr 07 j 07:13                        | 0° <b>8</b>         |             |
| desc. node          | -623 May 14 j 07:23                        | 5° <b>Ⅱ</b> 09'15                        |                  | evening max el                    | -622 Apr 14 j 20:07                        | 9° <b>8</b> 10'44   | 22°07'29    |
| retrograde          | -623 May 16 j 19:31                        | 5° <b>Ⅱ</b> 23'33                        |                  | retrograde                        | -622 Apr 27 j 14:16                        | 15° <b>8</b> 25'32  |             |
| evening set         | -623 May 20 j 19:17                        | 4° <b>Ⅱ</b> 48'23                        | 0.56100.411      | evening set                       | -622 Apr 30 j 08:35                        | 15° <b>8</b> 08'38  |             |
| min. Earth dist.    | -623 May 27 j 13:21                        |  | 0.56109 AU       | desc. node                        | -622 May 01 j 04:24                        | 14° <b>8</b> 57'20  | 0.55152.411 |
| inferior conj       | -623 May 29 j 18:35                        | 0°П18'16<br>0°П28'13                     |                  | min. Earth dist.<br>inferior conj | -622 May 09 j 02:28                        | 11° <b>8</b> 23'37  | 0.55153 AU  |
| minimum elong       | -623 May 29 j 12:02<br>-623 May 30 j 06:40 | 0 щ28 13<br>30°R <b>8</b>                | 3 49 04          | minimum elong                     | -622 May 09 j 18:15<br>-622 May 09 j 12:06 | 11° <b>8</b> 10'23  |             |
| morning rise        | -623 Jun 07 j 07:41                        | 26° <b>8</b> 20'29                       |                  | morning rise                      | -622 May 18 j 17:05                        | 7° <b>8</b> 06'18   | 2 20 02     |
| direct              | -623 Jun 09 j 22:56                        | 26° <b>8</b> 02'57                       |                  | direct                            | -622 May 21 j 13:43                        | 6° <b>8</b> 47'54   |             |
| direct              | -623 Jun 19 j 06:37                        | 0°II                                     |                  | morning max el                    | -622 Jun 02 j 09:32                        | 12° <b>8</b> 20'30  | 21°24'14    |
| morning max el      | -623 Jun 20 j 02:53                        | 0° <b>I</b> I45'04                       | 20°02'15         | morning max or                    | -622 Jun 15 j 05:03                        | 0°II                | 21 2.11.    |
| asc. node           | -623 Jul 01 j 04:49                        | 16° <b>Ⅱ</b> 03'05                       | 20 02 10         | asc. node                         | -622 Jun 18 j 01:54                        | 5° <b>Ⅱ</b> 20'03   |             |
| morning set         | -623 Jul 08 j 05:41                        | 29° <b>Ⅲ</b> 35'51                       |                  | morning set                       | -622 Jun 22 j 13:56                        | 14° <b>Ⅲ</b> 21'47  |             |
| . 8                 | -623 Jul 08 j 10:27                        | 0ಂತಾ                                     |                  | 3                                 | <b>,</b>                                   |                     |             |
|                     | J  |  |                  | superior conj                     | -622 Jun 29 j 23:15                        | 29° <b>Ⅱ</b> 49'00  | 1°37'28     |
| superior conj       | -623 Jul 16 j 00:59                        | 15° <b>©</b> 28'05                       | 1°45'48          | minimum elong                     | -622 Jun 29 j 21:09                        | 29° <b>Ⅱ</b> 38′08  | 1°37'18     |
| minimum elong       | -623 Jul 15 j 23:57                        | 15° <b>5</b> 22'56                       | 1°45'46          | -                                 | -622 Jun 30 j 01:22                        | 0ංම                 |             |
| max. Earth dist.    | -623 Jul 21 j 10:24                        | 26°500'42                                | 1.36810 AU       | max. Earth dist.                  | -622 Jul 03 j 21:53                        | 7° <b>9</b> 52'28   | 1.35179 AU  |
|                     | -623 Jul 23 j 13:19                        | $0^{\circ}\Omega$                        |                  | evening rise                      | -622 Jul 08 j 07:39                        | 16°529'41           |             |
| evening rise        | -623 Jul 25 j 08:07                        | 3° <b>£</b> 16′38                        |                  |                                   | -622 Jul 15 j 18:23                        | $0^{\circ}\Omega$   |             |
| desc. node          | -623 Aug 10 j 06:46                        | 29° <b>Ω</b> 40′19                       |                  | desc. node                        | -622 Jul 28 j 03:46                        | 19° <b>Ω</b> 35'25  |             |
|                     | -623 Aug 10 j 12:01                        | 0° <b>m</b>                              |                  |                                   | -622 Aug 04 j 21:46                        | 0° <b>m</b> ∕       |             |
| evening max el      | -623 Aug 30 j 04:06                        | 25° <b>m</b> 03'41                       | 25°45'27         | evening max el                    | -622 Aug 12 j 15:57                        | 8° <b>m</b> 37'45   | 26°42'56    |
|                     | -623 Sep 05 j 05:32                        | 0∘ <b>ত</b>                              |                  | retrograde                        | -622 Aug 25 j 15:54                        | 15° <b>m</b> 53'21  |             |
| retrograde          | -623 Sep 11 j 11:29                        | 2° <b>ჲ</b> 06'42                        |                  | evening set                       | -622 Sep 01 j 07:52                        | 13° <b>m</b> 09'01  |             |
|                     | -623 Sep 17 j 00:31                        | 30°R Mp                                  |                  | min. Earth dist.                  | -622 Sep 05 j 07:56                        |                     | 0.65844 AU  |
| evening set         | -623 Sep 17 j 14:14                        | 29° <b>m</b> 31'56                       |                  | inferior conj                     | -622 Sep 07 j 01:23                        | 6° <b>m</b> ,59′07  |             |
| min. Earth dist.    | -623 Sep 21 j 21:41                        |  | 0.66774 AU       | minimum elong                     | -622 Sep 07 j 04:47                        | 6° Mp 49′00         | 2°16'05     |
| inferior conj       | -623 Sep 23 j 03:05                        | 23° <b>m</b> 14'20                       |                  | morning rise                      | -622 Sep 13 j 02:09                        | 1° My 15'37         |             |
| minimum elong       | -623 Sep 23 j 05:09                        | 23° Mp 07'46                             | 1°21'27          | asc. node                         | -622 Sep 14 j 01:04                        | 0° <b>m</b> ,49'33  |             |
| asc. node           | -623 Sep 27 j 03:58                        | 18° <b>m</b> 37'22                       |                  | direct                            | -622 Sep 16 j 00:20                        | 0° Mp 27'47         |             |
| morning rise        | -623 Sep 28 j 20:18                        | 17° m 19'08                              |                  | morning max el                    | -622 Sep 22 j 15:56                        | 4° Mp 07'27         | 18°29'24    |
| direct              | -623 Oct 02 j 02:47                        | 16° Mp 17'25                             | 10012112         | . ,                               | -622 Oct 10 j 08:16                        | 0° <b>™</b>         |             |
| morning max el      | -623 Oct 09 j 04:26                        | 20° m 17'03                              | 19°13'12         | morning set                       | -622 Oct 12 j 12:56                        | 3° <b>£</b> 32'34   |             |
| marning gat         | -623 Oct 16 j 20:29<br>-623 Nov 01 j 07:44 | 0° <b>ჲ</b><br>23° <b>ჲ</b> 39'15        |                  | desc. node                        | -622 Oct 24 j 03:06                        | 22° <b>≏</b> 03'51  |             |
| morning set         | -623 Nov 05 j 09:12                        | 0°M                                      |                  | superior conj                     | -622 Oct 28 j 01:03                        | 28° <b>£</b> 14'25  | 0025122     |
| desc. node          | -623 Nov 06 j 06:04                        | 1°ML21'34                                |                  | minimum elong                     | -622 Oct 28 j 01:03                        | 28° <b>£</b> 01'14  |             |
| max. Earth dist.    | -623 Nov 15 j 10:26                        | 15°M46'20                                | 1.44698 AU       | max. Earth dist.                  | -622 Oct 27 j 21:42<br>-622 Oct 29 j 04:44 |                     | 1.45004 AU  |
| max. Earth dist.    | -023 NOV 13 J 10.20                        | 13 11640 20                              | 1.44098 AU       | max. Earm dist.                   | -622 Oct 29 j 03:53                        | 0°M                 | 1.43004 AC  |
| superior conj       | -623 Nov 18 j 00:41                        | 19°M52'31                                | -1°12'03         | evening rise                      | -622 Nov 13 j 05:59                        | 23°M44'08           |             |
| minimum elong       | -623 Nov 17 j 16:45                        | 19°M21'05                                |                  | evening rise                      | -622 Nov 17 j 05:08                        | 0° <b>⊼</b> ¹       |             |
|                     | -623 Nov 24 j 08:44                        | 0° <b>∡</b> ¹                            |                  | greatest brilliancy               | -622 Nov 22 j 19:48                        | 8° <b>×7</b> 49'35  | -0.8m       |
| evening rise        | -623 Dec 02 j 18:41                        | 13° <b>∡</b> ′43'19                      |                  | evening max el                    | -622 Dec 05 j 22:58                        | 27° <b>х</b> 04′28  | 19°10'18    |
| Č                   | -623 Dec 12 j 17:00                        | 0°ರ                                      |                  | S                                 | -622 Dec 09 j 11:37                        | 0°ರ                 |             |
| evening max el      | -623 Dec 22 j 13:16                        | 13° <b>る</b> 37'52                       | 18°32'05         | asc. node                         | -622 Dec 11 j 00:18                        | 0° <b>る</b> 43'52   |             |
| asc. node           | -623 Dec 24 j 03:14                        | 15° <b>ප</b> 05'51                       |                  | retrograde                        | -622 Dec 12 j 23:02                        | 1° <b>る</b> 04'54   |             |
| retrograde          | -623 Dec 29 j 03:42                        | 17° <b>る</b> 16'57                       |                  | evening set                       | -622 Dec 16 j 06:26                        | 0° <b>ට</b> 01'16   |             |
| evening set         | -622 Jan 01 j 04:44                        | 16° <b>る</b> 25'27                       |                  |                                   | -622 Dec 16 j 07:14                        | 30°R <b>✓</b>       |             |
| inferior conj       | -622 Jan 07 j 01:54                        | 10° <b>る</b> 51'42                       | 3°36'17          | inferior conj                     | -622 Dec 21 j 21:36                        | 24° <b>∡</b> 11′23  | 3°08'30     |
| minimum elong       | -622 Jan 06 j 23:42                        | 10° <b>る</b> 58'12                       | 3°35'57          | minimum elong                     | -622 Dec 21 j 18:47                        | 24° <b>∡</b> ¹20′17 | 3°07'49     |
| min. Earth dist.    | -622 Jan 09 j 02:43                        | 8° <b>පි</b> 28'20                       | 0.64543 AU       | min. Earth dist.                  | -622 Dec 23 j 07:32                        | 22° <b>х</b> 23'48  | 0.65870 AU  |
| morning rise        | -622 Jan 12 j 18:10                        | 4° <b>පි</b> 45'54                       |                  | morning rise                      | -622 Dec 27 j 06:53                        | 18° <b>∡</b> °01'03 |             |
| direct              | -622 Jan 19 j 14:31                        | 1° <b>る</b> 53'51                        |                  | direct                            | -621 Jan 02 j 17:00                        | 15° <b>∡</b> 12'10  |             |
| morning max el      | -622 Feb 02 j 01:19                        | 9° <b>る</b> 40'34                        | 27°18'32         | morning max el                    | -621 Jan 15 j 10:47                        | 22° <b>∡</b> ¹42'05 | 26°22'35    |
| desc. node          | -622 Feb 02 j 05:13                        | 9° <b>る</b> 50'20                        |                  | desc. node                        | -621 Jan 20 j 02:17                        | 27° <b>∡</b> 747'47 |             |
|                     | -622 Feb 18 j 00:53                        | 0° <b>≈</b>                              |                  |                                   | -621 Jan 21 j 22:04                        | 0°ರ                 |             |
|                     | -622 Mar 07 j 16:17                        | 0° <b>∀</b>                              |                  |                                   | -621 Feb 11 j 07:35                        | 0° <b>≈</b>         |             |
| morning set         | -622 Mar 09 j 09:14                        | 3° <b>∺</b> 17'50                        |                  | morning set                       | -621 Feb 20 j 13:38                        | 16° <b>≈</b> 27'09  |             |
| max. Earth dist.    | -622 Mar 14 j 03:55                        | 12° <b>米</b> 53′39                       | 1.33740 AU       | max. Earth dist.                  | -621 Feb 24 j 16:01                        | 24°≈19'44           | 1.35056 AU  |
|                     | (00.)                                      | 1001/                                    | 00.45            |                                   | -621 Feb 27 j 12:19                        | 0° <b>ℋ</b>         |             |
| superior conj       | -622 Mar 17 j 11:07                        | 19° <b>)</b> 47'02                       |                  |                                   | (21.)                                      | 201/2011            | 1010146     |
| minimum elong       | -622 Mar 17 j 13:21                        | 19° <b>¥</b> 58'52<br>29° <b>¥</b> 40'12 | 0~46'50          | superior conj                     | -621 Mar 01 j 09:35                        | 3° <b>¥</b> 50′13   |             |
| asc. node           | -622 Mar 22 j 02:37                        | 29 <b>π</b> 40 12                        |                  | minimum elong                     | -621 Mar 01 j 12:52                        | 4° <b>₩</b> 07'04   | 1 12 15     |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -621 Mar 08 j 23:39 19°**)** 34'06 -620 Feb 19 i 06:10 0°**∀** asc. node evening rise -621 Mar 09 j 02:14 19°\ 47'25 -620 Feb 21 j 05:39 3°¥59'30 evening rise -621 Mar 14 j 05:07  $0^{\circ}\Upsilon$ -620 Feb 23 j 20:40 9°¥12'49 asc. node -621 Mar 27 j 22:21 20°Y13'32 20°42'23  $0^{\circ}\Upsilon$ -620 Mar 07 j 16:26 evening max el 25°**Y**36′54 -621 Apr 08 j 03:05 1°Y53'06 retrograde evening max el -620 Mar 09 j 11:38 19°33'59 -621 Apr 10 j 07:51 25°Y25'17 6°Y26'04 evening set retrograde -620 Mar 18 j 23:23 6°**Y**12'49 22° Y 17'54 desc. node -621 Apr 18 j 01:26 evening set -620 Mar 21 j 03:31 2°**Y**07'56 inferior conj -621 Apr 19 j 12:41 21°**Υ**27'49 -0°25'10 inferior conj -620 Mar 29 j 16:27 1°26'52  $2^{\circ} \Upsilon 02'28$ 1°25'46 minimum elong -621 Apr 19 j 11:30 21°**Υ**29'31 0°24'44 minimum elong -620 Mar 29 j 19:52  $0^{\circ}$ **Y**29'49 min. Earth dist. -621 Apr 20 j 15:48 20°**Y**48'55 0.55119 AU min. Earth dist. -620 Apr 01 j 06:07 0.56016 AU 17°**Y**16'46 morning rise -621 Apr 28 j 14:16 -620 Apr 02 j 01:38 30°₽**Ж** 16°Y51'07 direct -621 May 02 j 00:55 desc. node -620 Apr 03 j 22:28 28°\ 56'32 23°**Y**15′07 morning max el -621 May 15 j 06:07 23°00'46 morning rise -620 Apr 07 j 09:39 27°**)** 26'33 -621 May 21 j 06:03 0°8 direct -620 Apr 11 j 20:07 26° **\(**42'19 asc. node -621 Jun 04 j 22:59 24°859'03 -620 Apr 21 j 06:24  $0^{\circ}\Upsilon$ morning set -621 Jun 07 j 00:57 29°817'14 morning max el -620 Apr 25 j 21:17 3°**Y**47′08 24°41'19 -621 Jun 07 j 09:06  $0^{\circ}II$ -620 May 14 j 08:33 0°8 morning set -620 May 21 j 12:56 14°**8**16'26 superior conj -621 Jun 14 j 04:08 14°**耳**30′10 1°23′39 asc. node -620 May 21 j 20:00 14°**8**53'42 minimum elong -621 Jun 14 j 01:37 14°**Ⅱ**16'47 1°23'20 max. Earth dist. -621 Jun 16 j 19:10 20°**Ⅱ**03'32 1.33910 AU superior conj -620 May 28 j 13:11 29°**8**23'48 1°05'34 evening rise -621 Jun 21 i 20:43 0°9523'27 minimum elong -620 May 28 j 10:48 29°**8**10'53 1°05'10 -621 Jun 21 i 15:59 0ಂತಾ -620 May 28 j 19:51  $0^{\circ}II$ -621 Jul 08 j 18:42  $0^{\circ}\Omega$ max. Earth dist. -620 May 30 i 00:54 2°**Ⅲ**37'07 1.33024 AU desc. node -621 Jul 15 i 00:46 8°**Ω**59'49 evening rise -620 Jun 04 j 19:24 14°**Ⅱ**46'01 -621 Jul 26 j 03:43 22°Ω00'07 27°17'53 -620 Jun 12 j 17:28 evening max el 0ംഉ -621 Aug 08 j 14:39 29°**Ω**19'40 -620 Jun 30 j 21:47 27°9540'13 retrograde desc node -621 Aug 15 j 16:21 26°**∂**34'42 -620 Jul 02 j 20:46 evening set  $\Omega^{\circ}\Omega$ -621 Aug 19 j 09:58 23°**Ω**04'28 0.64550 AU -620 Jul 07 j 13:14 min. Earth dist. evening max el 4°Ω56'56 27°23'58 20°**Ω**36′08 -3°09′26 -621 Aug 21 j 16:33 -620 Jul 21 j 07:12 inferior conj retrograde 12°**Ω**16′13 -621 Aug 21 j 20:57 -620 Jul 28 j 12:10 20°Ω24'11 3°08'04 evening set 9°**Ω**42'42 minimum elong -621 Aug 28 j 02:18 15°**Ω**07'51 min. Earth dist. -620 Aug 01 j 02:02 6°**Ω**43'19 0.62895 AU morning rise -621 Aug 30 j 18:40 14°**Ω**30′26 -620 Aug 03 j 21:46 3°**Ω**58'29 -3°55'01 direct inferior conj 3°**Ω**47'22 3°53'59 -621 Aug 31 j 22:10 -620 Aug 04 j 02:19 asc. node 14°**Ω**37'19 minimum elong -621 Sep 06 j 06:50 -620 Aug 08 j 12:23 morning max el 17°**Ω**58'34 18°02'34 30°R,55 -621 Sep 15 j 01:20 -620 Aug 10 j 17:40 0° M morning rise 28°5548'48 -620 Aug 13 j 06:34 morning set -621 Sep 23 j 22:25 14° Mp 48'48 direct 28°918'55 -621 Oct 03 j 01:12 0∘**⊽** asc. node -620 Aug 17 j 19:14 29°955'40 -620 Aug 17 j 21:40  $0^{\circ}\Omega$ superior conj -621 Oct 07 j 10:34 7°**2**07'45 0°23'18 morning max el -620 Aug 19 j 22:21 1°**Ω**43'59 17°53'36 minimum elong -621 Oct 07 j 13:17 7°**≏**18'38 0°22'55 -620 Sep 05 j 07:16 27°**Ω**11'48 morning set -621 Oct 11 j 00:07 12°**-**49'56 -620 Sep 06 j 21:17 desc. node 0° M max. Earth dist. -621 Oct 11 j 23:23 14°**≙**22'14 1.44572 AU -621 Oct 21 j 23:03 -620 Sep 16 j 20:53 17° To 15'30 1°03'04  $0^{\circ}$ M superior conj -621 Oct 23 j 20:34  $2^{\circ}$ M $_{55'58}$ -620 Sep 17 j 02:00 17° **m** 36'58 1°02'28 evening rise minimum elong -620 Sep 23 i 14:50 greatest brilliancy -621 Nov 06 j 18:39 24°M06'13 -0.6m max. Earth dist. 28° m 22'40 1.43463 AU -620 Sep 24 i 14:59 -621 Nov 10 j 20:06 0°×7 0∘**⊽** -621 Nov 19 i 04:11 evening max el 10°**х** 32'40 20°04'11 desc. node -620 Sep 26 j 21:08 3°**£**36'23 retrograde -621 Nov 26 i 20:29 15°**₹**'02'46 evening rise -620 Oct 02 j 03:00 11°**£**50'25 -621 Nov 27 j 21:21 14°**х** 56'38 -620 Oct 14 j 02:50 0°M asc. node -621 Nov 30 j 12:03 13°**х** 45′09 evening max el -620 Nov 01 j 03:36 24°ML00'21 21°11'12 evening set -621 Dec 05 j 23:13 7°**х** 42′01 2°31′20 -620 Nov 09 j 17:49 29°MJ06'33 inferior conj retrograde -621 Dec 05 j 20:27 -620 Nov 13 j 19:32 minimum elong 7° **2**′51'14 2°30'26 evening set 27°M33'00 min. Earth dist. -621 Dec 06 j 19:45 6°**≯**33'23 0.66808 AU asc. node -620 Nov 13 j 18:25 27°M 35'10 1°×29'02 morning rise -621 Dec 11 j 04:41 inferior conj -620 Nov 19 j 04:26 21°M19'58 1°47'10 -621 Dec 13 j 04:30 30°RM minimum elong -620 Nov 19 j 02:13 21°M27'36 1°46'19 direct -621 Dec 17 j 00:56 28°M54'01 min. Earth dist. -620 Nov 19 j 13:10 20°M49'57 0.67381 AU -621 Dec 21 j 06:07 0°**∡** -620 Nov 24 j 08:44 morning rise 15°M06'20 -621 Dec 28 j 19:30 5° ₹ 54'06 25°06'29 -620 Nov 29 j 13:44 morning max el direct 12°M51'17 -620 Jan 06 j 23:20 16°**х** 39′09 -620 Dec 10 j 04:18 19°M10'32 23°40'11 desc. node morning max el -620 Jan 16 j 11:54 0°궁 -620 Dec 19 j 07:50 0°**⊼** -620 Feb 03 j 00:46 28°る40'40 desc. node -620 Dec 23 j 20:22 6°**х** 08′19 morning set -620 Feb 03 j 18:25 0°≈ -619 Jan 08 j 15:55 0°ಕ max. Earth dist. -620 Feb 06 j 17:19 5°≈24'45 1.36804 AU morning set -619 Jan 14 j 12:24 9°**ප**41'40 max. Earth dist. -619 Jan 18 j 12:40 16°る38'04 1.38845 AU -620 Feb 12 j 22:43 17°≈20'52 -1°35'23 superior conj -620 Feb 13 j 02:28 17°≈39'23 1°34'57 -619 Jan 25 j 22:37 0°≈08'20 -1°52'33 minimum elong superior conj

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 151 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom  | nical year style is used: The  | he year -900 in   | astronomical cou                                | nting style is the year   | 901 BCE in historical cou  | inting style.   |   |
|--|--|---|---|---|--|---|---|
| minimum elong  | -619 Jan 26 j 01:42  | 0° <b>≈</b> 22'47   | 1°52'21   | minimum elong   | -618 Jan 08 j 05:00  | 12° <b>る</b> 03'00  | 2°00'46                                     |
|  | -619 Jan 25 j 20:51  | 0° <b>≈</b>   |   |   | -618 Jan 17 j 23:39  | 0° <b>≈</b>   |   |
| evening rise   | -619 Feb 04 j 01:36  | 17° <b>≈</b> 43'51  |   | evening rise  | -618 Jan 18 j 10:55  | 0° <b>≈</b> 52'38   |   |
| asc. node  | -619 Feb 09 j 17:42  | 28° <b>≈</b> 30′29  |   | asc. node   | -618 Jan 27 j 14:44  | 17° <b>≈</b> 19'41  |   |
|  | -619 Feb 10 j 13:33  | 0° <b>∀</b>   |   | evening max el  | -618 Feb 03 j 17:51  | 26°≈54'19   | 18°16'41                                    |
| evening max el   | -619 Feb 20 j 11:02  | 14° <b>)</b> €09'13   | 18°45'16  |   | -618 Feb 08 j 08:03  | 0° <b>∀</b>   |   |
| retrograde   | -619 Feb 28 j 12:38  | 18° <b>)</b> €04'00   |   | retrograde  | -618 Feb 10 j 20:19  | 0° <b>)</b> (26'46  |   |
| evening set  | -619 Mar 02 j 21:08  | 17° <b>)</b> (45'17   |   | evening set   | -618 Feb 13 j 09:41  | 0° <b>)</b> €00'15  |   |
| inferior conj  | -619 Mar 10 j 15:15  | 13° <b>)</b> €23'32   |   |   | -618 Feb 13 j 09:59  | 30°R≈   |   |
| minimum elong  | -619 Mar 10 j 19:37  | 13° <b>)</b> 15′24  |   | inferior conj   | -618 Feb 20 j 10:57  | 25°≈17'52   |   |
| min. Earth dist.   | -619 Mar 13 j 22:57  |   | 0.57636 AU                                      | minimum elong   | -618 Feb 20 j 13:36  | 25°≈12'07   |   |
| morning rise   | -619 Mar 18 j 15:13  | 8° <b>₩</b> 10'05   |   | min. Earth dist.  | -618 Feb 23 j 20:23  |   | 0.59658 AU                                  |
| desc. node   | -619 Mar 21 j 19:30  | 7° <b>₩</b> 07'59   |   | morning rise  | -618 Feb 27 j 15:21  | 19° <b>≈</b> 40'47  |   |
| direct   | -619 Mar 24 j 05:04  | 6° <b>)</b> 53'42   |   | direct  | -618 Mar 06 j 03:00  | 17°≈45'52   |   |
| morning max el   | -619 Apr 07 j 13:10  | 14° <b>)</b> €24'32   | 26°10'59  | desc. node  | -618 Mar 08 j 16:33  | 18° <b>≈</b> 03'11  |   |
|  | -619 Apr 19 j 23:24  | 0°Υ   |   | morning max el  | -618 Mar 20 j 09:58  | 25°≈30'11   | 27°15'16                                    |
| morning set  | -619 May 06 j 00:18  | 29° <b>Y</b> 13'59  |   |   | -618 Mar 24 j 14:16  | 0° <b>∀</b>   |   |
|  | -619 May 06 j 09:03  | 0° <b>8</b>   |   |   | -618 Apr 13 j 06:31  | 0°Υ   |   |
| asc. node  | -619 May 08 j 17:01  | 4° <b>8</b> 58'57   |   | morning set   | -618 Apr 20 j 09:17  | 14° <b>Υ</b> 02'39  |   |
|  | (10.14 10.100.00   | 1 401 400100  | 004440  | asc. node   | -618 Apr 25 j 14:02  | 25° <b>Y</b> ′09'27   | 1.00066.177                                 |
| superior conj  | -619 May 13 j 00:28  | 14° <b>8</b> 23'28  |   | max. Earth dist.  | -618 Apr 27 j 00:47  | 28°°\19'30  | 1.32366 AU                                  |
| minimum elong  | -619 May 12 j 22:39  | 14° <b>8</b> 13'34  |   |   | (10.1 07:10.11   | 200002200   | 0020114                                     |
| max. Earth dist.   | -619 May 13 j 11:59  | 15° <b>8</b> 26'33  | 1.32512 AU                                      | superior conj   | -618 Apr 27 j 12:11  | 29° <b>Y</b> ′22'00   | 0°20'14                                     |
| evening rise   | -619 May 20 j 00:39  | 29° <b>8</b> 28'05  |   | minimum elong   | -618 Apr 27 j 11:17  | 29° <b>Y</b> 17'05  | 0°20'02                                     |
|  | -619 May 20 j 06:48  | 0° <b>I</b> I   |   |   | -618 Apr 27 j 19:06  | 0°8   |   |
|  | -619 Jun 05 j 22:10  | 0°9   |   | evening rise  | -618 May 04 j 10:01  | 14° <b>8</b> 20'25  |   |
| desc. node   | -619 Jun 17 j 18:47  | 15°518'18   | 26057126  |   | -618 May 12 j 07:49  | 0°П   | 25050102                                    |
| evening max el   | -619 Jun 19 j 18:04  | 17°516'28   | 26°5 / 26                                       | evening max el  | -618 Jun 01 j 16:30  | 28° <b>Ⅱ</b> 51'35  | 25°59'02                                    |
| retrograde   | -619 Jul 03 j 16:55  | 24°933'57   |   | 1 1   | -618 Jun 02 j 22:11  | 0°©   |   |
| evening set  | -619 Jul 10 j 15:07  | 22°526'06   | 0.60051 ATT                                     | desc. node  | -618 Jun 04 j 15:48  | 1°527'19  |   |
| min. Earth dist.   | -619 Jul 14 j 07:57  | 19°545'08   | 0.60951 AU                                      | retrograde  | -618 Jun 15 j 17:59  | 6°904'57  |   |
| inferior conj  | -619 Jul 17 j 13:46  | 16°958'30   |   | evening set   | -618 Jun 21 j 20:46  | 4°934'10  | 0.50002 ATT                                 |
| minimum elong  | -619 Jul 17 j 17:00  | 16°951'31   | 4-28-09   | min. Earth dist.  | -618 Jun 26 j 05:11  | 1° <b>©</b> 54'21<br>30°R <b>Ⅱ</b>  | 0.58893 AU                                  |
| morning rise   | -619 Jul 24 j 20:39  | 12°910'07   |   | : <i>c</i> :  | -618 Jun 28 j 18:54  | •   | 4941110                                     |
| direct   | -619 Jul 27 j 08:17<br>-619 Aug 03 j 11:35   | 11°545'29   | 10002125  | inferior conj   | -618 Jun 29 j 12:54  | 29° <b>П</b> 26'08<br>29° <b>П</b> 26'14  |   |
| morning max el asc. node   | • •  | 15°©16'43<br>16°©31'09  | 18°03'25  | minimum elong   | -618 Jun 29 j 12:50<br>-618 Jul 07 j 07:18   | 29° <b>П</b> 26°14<br>24° <b>П</b> 59'53  | 4-41-18                                     |
| asc. node  | -619 Aug 04 j 16:16<br>-619 Aug 13 j 16:28   | 0°Ω   |   | morning rise  | -618 Jul 09 j 19:30  | 24° <b>II</b> 39' 33  |   |
| morning set  | -619 Aug 19 j 09:36  | 10° <b>Ω</b> 25'23  |   | direct<br>morning max el  | -618 Jul 17 j 19:23  | 24 H38 32<br>28°H27'15  | 10022100                                    |
| morning set  | -019 Aug 19 J 09.30  | 10 8623 23  |   | morning max er  | -618 Jul 17 j 19.25  | 28 H2/13  | 18 33 08                                    |
| superior conj  | -619 Aug 29 j 10:24  | 28° <b>Ω</b> 44'03  | 1020142   | asc. node   | -618 Jul 22 j 13:18  | 4° <b>9</b> 07'43   |   |
| minimum elong  | -619 Aug 29 j 14:34  |   | 1°29'22   | morning set   | -618 Aug 03 j 00:30  | 24° <b>©</b> 15'55  |   |
| minimum eiong  | -619 Aug 30 j 03:37  | 0° m)   | 1 29 22   | morning set   | -618 Aug 05 j 00.30  | 24 <b>3</b> 13 33   |   |
| max. Earth dist.   | -619 Sep 06 j 00:35  | 11° Mp 47'16  | 1.41828 AU                                      |   | -016 Aug 03 J 23.40  | 0 86  |   |
| evening rise   | -619 Sep 11 j 19:43  | 21° Mp 15'36  | 1.41626 AU                                      | superior conj   | -618 Aug 11 j 22:28  | 11° <b>Ω</b> 19'37  | 10/13/40                                    |
| desc. node   | -619 Sep 13 j 18:09  | 24° Tp 20'09  |   | minimum elong   | -618 Aug 12 j 00:26  | 11° <b>Ω</b> 28'47  | 1°43'43                                     |
| desc. Hode   | -619 Sep 17 j 09:16  | ე∘ <b>亞</b>   |   | max. Earth dist.  | -618 Aug 19 j 05:08  | 24° <b>Ω</b> 28'31  | 1.39885 AU                                  |
|  | -619 Oct 08 j 09:44  | 0°M   |   | max. Earth dist.  | -618 Aug 22 j 10:14  | 0° Mp   | 1.33663 AU                                  |
| evening max el   | -619 Oct 14 j 21:19  | 7°M28'55  | 22°27'30  | evening rise  | -618 Aug 23 j 11:09  | 1° Mp 44'59   |   |
| retrograde   | -619 Oct 24 j 13:18  | 13°M13'47   | 22 27 30  | desc. node  | -618 Aug 31 j 15:11  | 14° Mp 57'15  |   |
| evening set  | -  |   |   | acse. Houc  |  |   |   |
| asc. node  | -619 Oct 29 i 03:10  | 11°M 22'/10   |   |   | -618 Sep. 10 i 17:18   | Uo 75   |   |
|  | -619 Oct 29 j 03:10  | 11°M22'49   |   | evening may el  | -618 Sep 10 j 17:18  | ე∘ <b>ഹ</b> იი;ვგ   | 23°47'50                                    |
| inferior coni  | -619 Oct 31 j 15:28  | 8°M48'16  | 0°57'49   | evening max el  | -618 Sep 27 j 10:56  | 21° <b>≏</b> 00'38  | 23°47'50                                    |
| inferior conj  | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20   | 8°M48'16<br>5°M03'36  | 0°57'49   | retrograde  | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35   | 21° <b>£</b> 00'38<br>27° <b>£</b> 21'37  | 23°47'50                                    |
| minimum elong  | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01  | 8°M48'16<br>5°M03'36<br>5°M08'07  | 0°57'17   | retrograde<br>evening set   | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16  | 21° <b>⊆</b> 00'38<br>27° <b>⊆</b> 21'37<br>25° <b>⊆</b> 12'30  |   |
|  | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23   | 8°M48'16<br>5°M03'36<br>5°M08'07<br>5°M10'21  |   | retrograde<br>evening set<br>min. Earth dist.   | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54   | 21° <b>Ω</b> 00'38<br>27° <b>Ω</b> 21'37<br>25° <b>Ω</b> 12'30<br>19° <b>Ω</b> 32'44  | 0.67544 AU                                  |
| minimum elong<br>min. Earth dist.  | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30  | 8°M.48'16<br>5°M.03'36<br>5°M.08'07<br>5°M.10'21<br>30°R.   | 0°57'17   | retrograde<br>evening set<br>min. Earth dist.<br>inferior conj  | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09  | 21° \omega 00'38<br>27° \omega 21'37<br>25° \omega 12'30<br>19° \omega 32'44<br>18° \omega 51'01  | 0.67544 AU<br>0°04'53                       |
| minimum elong<br>min. Earth dist.<br>morning rise  | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45   | 8°M48'16<br>5°M03'36<br>5°M08'07<br>5°M10'21<br>30°R <u></u><br>28° <b>亞</b> 51'34  | 0°57'17   | retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong   | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02   | 21° \$\infty\$00'38<br>27° \$\infty\$21'37<br>25° \$\infty\$12'30<br>19° \$\infty\$32'44<br>18° \$\infty\$51'01<br>18° \$\infty\$51'26  | 0.67544 AU<br>0°04'53<br>0°04'50            |
| minimum elong<br>min. Earth dist.  | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47  | 8°ጤ48'16<br>5°ጤ03'36<br>5°ጤ08'07<br>5°ጤ10'21<br>30°ዪΩ<br>28°Ω51'34<br>26°Ω58'47   | 0°57'17   | retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>transit middle   | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02  | 21° \( \Omega\) 00'38<br>27° \( \Omega\) 21'37<br>25° \( \Omega\) 12'30<br>19° \( \Omega\) 32'44<br>18° \( \Omega\) 51'01<br>18° \( \Omega\) 51'26<br>18° \( \Omega\) 51'26   | 0.67544 AU<br>0°04'53                       |
| minimum elong<br>min. Earth dist.<br>morning rise<br>direct  | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47<br>-619 Nov 19 j 21:54   | 8°M48'16<br>5°M03'36<br>5°M08'07<br>5°M10'21<br>30°R  | 0°57'17<br>0.67622 AU                           | retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin  | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 15:26   | 21° \( \Omega\) 00'38<br>27° \( \Omega\) 21'37<br>25° \( \Omega\) 12'30<br>19° \( \Omega\) 32'44<br>18° \( \Omega\) 51'01<br>18° \( \Omega\) 51'26<br>19° \( \Omega\) 00'16   | 0.67544 AU<br>0°04'53<br>0°04'50            |
| minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el                              | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47<br>-619 Nov 19 j 21:54<br>-619 Nov 22 j 15:59  | 8°M48'16<br>5°M03'36<br>5°M08'07<br>5°M10'21<br>30°R <u>Ω</u><br>28°Ω51'34<br>26°Ω58'47<br>0°M<br>2°M31'55  | 0°57'17<br>0.67622 AU                           | retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end  | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 15:26<br>-618 Oct 18 j 20:37  | 21° \( \Omega\) 00'38<br>27° \( \Omega\) 21'37<br>25° \( \Omega\) 12'30<br>19° \( \Omega\) 32'44<br>18° \( \Omega\) 51'01<br>18° \( \Omega\) 51'26<br>19° \( \Omega\) 00'16<br>18° \( \Omega\) 42'36  | 0.67544 AU<br>0°04'53<br>0°04'50            |
| minimum elong<br>min. Earth dist.<br>morning rise<br>direct  | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47<br>-619 Nov 19 j 21:54<br>-619 Nov 22 j 15:59<br>-619 Dec 10 j 17:24   | 8°M48'16<br>5°M03'36<br>5°M08'07<br>5°M10'21<br>30°R\$<br>28°\$51'34<br>26°\$58'47<br>0°M<br>2°M31'55<br>26°M04'44                                    | 0°57'17<br>0.67622 AU                           | retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node                                    | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 15:26<br>-618 Oct 18 j 20:37<br>-618 Oct 18 j 12:30   | 21° \$\times 00'38\) 27° \$\times 21'37\) 25° \$\times 12'30\) 19° \$\times 32'44\) 18° \$\times 51'01\) 18° \$\times 51'26\) 18° \$\times 00'16\) 18° \$\times 42'36\) 19° \$\times 10'16\)  | 0.67544 AU<br>0°04'53<br>0°04'50            |
| minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>desc. node                | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47<br>-619 Nov 19 j 21:54<br>-619 Nov 22 j 15:59<br>-619 Dec 10 j 17:24<br>-619 Dec 13 j 09:02                        | 8°M48'16<br>5°M03'36<br>5°M08'07<br>5°M10'21<br>30°R  | 0°57'17<br>0.67622 AU                           | retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise                       | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 15:26<br>-618 Oct 18 j 20:37<br>-618 Oct 18 j 12:30<br>-618 Oct 24 j 02:43  | 21° 200'38<br>27° 221'37<br>25° 212'30<br>19° 232'44<br>18° 251'01<br>18° 251'26<br>19° 200'16<br>18° 242'36<br>19° 210'16<br>12° 243'17  | 0.67544 AU<br>0°04'53<br>0°04'50            |
| minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>desc. node<br>morning set | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47<br>-619 Nov 19 j 21:54<br>-619 Dec 10 j 17:24<br>-619 Dec 13 j 09:02<br>-619 Dec 25 j 19:19                        | 8°M48'16<br>5°M03'36<br>5°M08'07<br>5°M10'21<br>30°R  | 0°57'17<br>0.67622 AU<br>22°13'14               | retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise direct                | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 15:26<br>-618 Oct 18 j 20:37<br>-618 Oct 18 j 12:30<br>-618 Oct 24 j 02:43<br>-618 Oct 28 j 03:03   | 21° 200'38<br>27° 221'37<br>25° 212'30<br>19° 232'44<br>18° 251'01<br>18° 251'26<br>19° 200'16<br>18° 242'36<br>19° 210'16<br>12° 243'17<br>11° 212'15  | 0.67544 AU<br>0°04'53<br>0°04'50<br>0°04'50 |
| minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>desc. node                | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47<br>-619 Nov 19 j 21:54<br>-619 Dec 10 j 17:24<br>-619 Dec 13 j 09:02<br>-619 Dec 25 j 19:19<br>-619 Dec 31 j 09:41 | 8°M.48'16<br>5°M.03'36<br>5°M.08'07<br>5°M.10'21<br>30°R.22<br>28°.251'34<br>26°.258'47<br>0°M.<br>2°M.31'55<br>26°M.04'44<br>0°.718'19<br>28°.732'03 | 0°57'17<br>0.67622 AU                           | retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise                       | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 15:26<br>-618 Oct 18 j 12:30<br>-618 Oct 18 j 12:30<br>-618 Oct 24 j 02:43<br>-618 Oct 28 j 03:03<br>-618 Nov 05 j 09:50                        | 21° \( \Omega 00'38\) 27° \( \Omega 21'37\) 25° \( \Omega 12'30\) 19° \( \Omega 32'44\) 18° \( \Omega 51'01\) 18° \( \Omega 51'26\) 19° \( \Omega 00'16\) 18° \( \Omega 42'36\) 19° \( \Omega 10'16\) 12° \( \Omega 43'17\) 11° \( \Omega 12'15\) 16° \( \Omega 02'05\)                 | 0.67544 AU<br>0°04'53<br>0°04'50            |
| minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>desc. node<br>morning set | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47<br>-619 Nov 19 j 21:54<br>-619 Dec 10 j 17:24<br>-619 Dec 13 j 09:02<br>-619 Dec 25 j 19:19                        | 8°M48'16<br>5°M03'36<br>5°M08'07<br>5°M10'21<br>30°R  | 0°57'17<br>0.67622 AU<br>22°13'14               | retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise direct morning max el | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 15:26<br>-618 Oct 18 j 20:37<br>-618 Oct 18 j 12:30<br>-618 Oct 24 j 02:43<br>-618 Oct 28 j 03:03<br>-618 Nov 05 j 09:50<br>-618 Nov 16 j 11:37 | 21° \( \Omega 00'38\) 27° \( \Omega 21'37\) 25° \( \Omega 12'30\) 19° \( \Omega 32'44\) 18° \( \Omega 51'01\) 18° \( \Omega 51'26\) 19° \( \Omega 00'16\) 18° \( \Omega 42'36\) 19° \( \Omega 10'16\) 12° \( \Omega 43'17\) 11° \( \Omega 12'15\) 16° \( \Omega 02'05\) 0° \( \Omega \) | 0.67544 AU<br>0°04'53<br>0°04'50<br>0°04'50 |
| minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el<br>desc. node<br>morning set | -619 Oct 31 j 15:28<br>-619 Nov 03 j 11:20<br>-619 Nov 03 j 10:01<br>-619 Nov 03 j 09:23<br>-619 Nov 07 j 11:30<br>-619 Nov 08 j 16:45<br>-619 Nov 13 j 06:47<br>-619 Nov 19 j 21:54<br>-619 Dec 10 j 17:24<br>-619 Dec 13 j 09:02<br>-619 Dec 25 j 19:19<br>-619 Dec 31 j 09:41 | 8°M.48'16<br>5°M.03'36<br>5°M.08'07<br>5°M.10'21<br>30°R.22<br>28°.251'34<br>26°.258'47<br>0°M.<br>2°M.31'55<br>26°M.04'44<br>0°.718'19<br>28°.732'03 | 0°57'17<br>0.67622 AU<br>22°13'14<br>1.40947 AU | retrograde evening set min. Earth dist. inferior conj minimum elong transit middle transit begin transit end asc. node morning rise direct                | -618 Sep 27 j 10:56<br>-618 Oct 08 j 05:35<br>-618 Oct 13 j 09:16<br>-618 Oct 18 j 05:54<br>-618 Oct 18 j 18:09<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 18:02<br>-618 Oct 18 j 15:26<br>-618 Oct 18 j 12:30<br>-618 Oct 18 j 12:30<br>-618 Oct 24 j 02:43<br>-618 Oct 28 j 03:03<br>-618 Nov 05 j 09:50                        | 21° \( \Omega 00'38\) 27° \( \Omega 21'37\) 25° \( \Omega 12'30\) 19° \( \Omega 32'44\) 18° \( \Omega 51'01\) 18° \( \Omega 51'26\) 19° \( \Omega 00'16\) 18° \( \Omega 42'36\) 19° \( \Omega 10'16\) 12° \( \Omega 43'17\) 11° \( \Omega 12'15\) 16° \( \Omega 02'05\)                 | 0.67544 AU<br>0°04'53<br>0°04'50<br>0°04'50 |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 152 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom               | ical year style is used: The               | he year -900 in   | astronomical cou | nting style is the year        | 901 BCE in historical cou                  |                                      |             |
|-----------------------------------|--|---|------------------|--------------------------------|--|--------------------------------------|-------------|
|                                   | -618 Dec 06 j 10:57                        | 0° <b>∡</b> ¹   |                  |                                | -617 Oct 19 j 18:19                        | 0∘ <b>ত</b>                          |             |
| max. Earth dist.                  | -618 Dec 13 j 14:05                        | 11° <b>≯</b> 23'07  | 1.42819 AU       |                                | -617 Nov 10 j 01:06                        | $0^{\circ}$ M                        |             |
|                                   |  |   |                  | morning set                    | -617 Nov 13 j 21:26                        | 5°M55'59                             |             |
| superior conj                     | -618 Dec 20 j 10:48                        | 22° <b>∡</b> ¹45′08   |                  | desc. node                     | -617 Nov 14 j 11:31                        | 6° <b>™</b> 50'31                    |             |
| minimum elong                     | -618 Dec 20 j 06:58                        | 22° <b>∡</b> ¹29'00   | 1°55'29          | max. Earth dist.               | -617 Nov 26 j 02:16                        | 25°M02'46                            | 1.44200 AU  |
|                                   | -618 Dec 24 j 16:31                        | 0°₹   |                  |                                | -617 Nov 29 j 04:40                        | 0° <b>∡</b> ¹                        |             |
| evening rise                      | -617 Jan 01 j 05:46                        | 13° <b>る</b> 18'14  |                  |                                |  |                                      |             |
|                                   | -617 Jan 10 j 20:05                        | 0° <b>≈</b>   |                  | superior conj                  | -617 Nov 30 j 14:07                        | 2° <b>√</b> 14'40                    |             |
| asc. node                         | -617 Jan 14 j 11:47                        | 5° <b>≈</b> 31'42   |                  | minimum elong                  | -617 Nov 30 j 06:20                        | 1° <b>∡</b> ′43′18                   | 1°32'29     |
| evening max el                    | -617 Jan 18 j 05:04                        | 9° <b>≈</b> 59'56   | 18°07'45         | evening rise                   | -617 Dec 14 j 05:44                        | 24° <b>∡</b> ′51'46                  |             |
| retrograde                        | -617 Jan 24 j 19:27                        | 13°≈25'06   |                  |                                | -617 Dec 17 j 06:23                        | 0°る                                  |             |
| evening set                       | -617 Jan 27 j 13:12                        | 12°≈49'32   |                  | asc. node                      | -616 Jan 01 j 08:51                        | 22°る54'42                            |             |
| inferior conj                     | -617 Feb 03 j 01:01                        | 7°≈45'54  | 3°51'54          | evening max el                 | -616 Jan 01 j 17:37                        | 23°る17'24                            | 18°17'53    |
| minimum elong                     | -617 Feb 03 j 01:20                        | 7°≈45'07  | 3°51'54          | retrograde                     | -616 Jan 08 j 05:37                        | 26°₹48'15                            |             |
| min. Earth dist.                  | -617 Feb 06 j 01:00                        | 4°≈48'10  | 0.61738 AU       | evening set                    | -616 Jan 11 j 03:47                        | 26° <b>る</b> 02'47                   | 2046140     |
| morning rise                      | -617 Feb 09 j 12:11                        | 1°≈53'45  |                  | inferior conj                  | -616 Jan 17 j 05:26                        | 20° <b>る</b> 39'07                   | 3°46'40     |
| I'                                | -617 Feb 13 j 02:43                        | 30°Rる   |                  | minimum elong                  | -616 Jan 17 j 03:55                        | 20°る43'21                            | 3°46'32     |
| direct                            | -617 Feb 16 j 11:02                        | 29° <b>る</b> 26'05  |                  | min. Earth dist.               | -616 Jan 19 j 14:57                        | 17°る59'24                            | 0.63617 AU  |
| 1 1                               | -617 Feb 19 j 22:32                        | 0°≈   |                  | morning rise                   | -616 Jan 23 j 03:25                        | 14° <b>る</b> 37'19                   |             |
| desc. node                        | -617 Feb 23 j 13:35                        | 1°≈39'59  | 27945100         | direct                         | -616 Jan 30 j 02:58                        | 11°る50'08                            |             |
| morning max el                    | -617 Mar 02 j 12:55                        | 7°≈15'59  | 27°45'00         | desc. node                     | -616 Feb 10 j 10:39                        | 17°る24'02                            | 27020100    |
|                                   | -617 Mar 19 j 20:31                        | 0° <b>\</b><br>20° <b>\</b>   |                  | morning max el                 | -616 Feb 12 j 20:35                        | 19°る39'47<br>0°≈                     | 27°38'00    |
| morning set                       | -617 Apr 04 j 13:58                        | 28° <b>¥</b> 35'45<br>0° <b>Ƴ</b>   |                  |                                | -616 Feb 21 j 17:12                        | 0° <b>∺</b>                          |             |
| may Forth dist                    | -617 Apr 05 j 06:23                        |   | 1.32590 AU       | morning set                    | -616 Mar 11 j 19:17                        | 0 <del>X</del><br>12° <b>¥</b> 44'44 |             |
| max. Earth dist.                  | -617 Apr 10 j 11:38                        | 11- 103-11  | 1.32390 AU       | morning set                    | -616 Mar 18 j 11:55                        |                                      | 1 22202 ATT |
| aumariar aani                     | 617 Apr. 11 : 22:42                        | 14° <b>Ƴ</b> 13'32  | 0005120          | max. Earth dist.               | -616 Mar 23 j 16:31                        | 23° <b>∺</b> 23'43                   | 1.33203 AU  |
| superior conj                     | -617 Apr 11 j 22:42                        | $14^{\circ}$ <b>Y</b> $13^{\circ}$ 32 $14^{\circ}$ <b>Y</b> $14^{\circ}$ 56 | 0°05'25          | aumariar aani                  | 616 Mar 26 : 06:12                         | 28° <b>¥</b> 51'30                   | 0022101     |
| minimum elong<br>behind sun begin | -617 Apr 11 j 22:57<br>-617 Apr 11 j 18:07 | 14 <b>γ</b> 14 36<br>13° <b>γ</b> 48'39                                     | 0 03 23          | superior conj<br>minimum elong | -616 Mar 26 j 06:13<br>-616 Mar 26 j 07:44 | 28° <b>H</b> 59'39                   |             |
| behind sun end                    | -617 Apr 12 j 03:47                        | 13 <b>γ</b> 48 39<br>14° <b>γ</b> 41'13                                     |                  | minimum clong                  | -616 Mar 26 j 19:00                        | 26 <b>γ</b> (3939                    | 0 31 42     |
| asc. node                         | -617 Apr 12 j 11:06                        | $14^{\circ}$ $\Upsilon$ $41^{\circ}$ $15^{\circ}$ $\Upsilon$ $21'$ $05$     |                  | asc. node                      | -616 Mar 29 j 08:10                        | 5° <b>Υ</b> 29'16                    |             |
| evening rise                      | -617 Apr 12 j 11:00                        | 29° <b>Υ</b> 15'59  |                  | evening rise                   | -616 Apr 02 j 09:10                        | 14° <b>Υ</b> 07'37                   |             |
| evening rise                      | -617 Apr 19 j 05:49                        | 0° <b>8</b>   |                  | evening rise                   | -616 Apr 10 j 10:20                        | 0° <b>8</b>                          |             |
|                                   | -617 May 06 j 02:38                        | 0°II  |                  | evening max el                 | -616 Apr 25 j 00:03                        | 20° <b>8</b> 22'36                   | 23°01'11    |
| evening max el                    | -617 May 14 j 09:03                        | 9° <b>Ⅱ</b> 46'56   | 24°35'51         | retrograde                     | -616 May 08 j 08:52                        | 20 <b>8</b> 22 30 27° <b>8</b> 00'50 | 23 01 11    |
| desc. node                        | -617 May 22 j 12:49                        | 15° <b>I</b> I33'13   | 24 33 31         | desc. node                     | -616 May 08 j 09:50                        | 27° <b>8</b> 00'49                   |             |
| retrograde                        | -617 May 28 j 07:42                        | 16° <b>Ⅱ</b> 49'45  |                  | evening set                    | -616 May 11 j 18:57                        | 26° <b>8</b> 35'12                   |             |
| evening set                       | -617 Jun 02 j 03:39                        | 15° <b>I</b> 57'09  |                  | min. Earth dist.               | -616 May 19 j 09:27                        |                                      | 0.55605 AU  |
| min. Earth dist.                  | -617 Jun 07 j 20:35                        |   | 0.57001 AU       | inferior conj                  | -616 May 21 j 00:21                        | 22° <b>8</b> 16'05                   |             |
| inferior conj                     | -617 Jun 10 j 16:19                        | 11° <b>I</b> I12'48   |                  | minimum elong                  | -616 May 20 j 17:17                        | 22° <b>8</b> 26'22                   |             |
| minimum elong                     | -617 Jun 10 j 11:44                        | 11° <b>II</b> 20'16   |                  | morning rise                   | -616 May 29 j 18:07                        | 18° <b>8</b> 21'39                   | 3 10 03     |
| morning rise                      | -617 Jun 18 j 22:37                        | 7° <b>I</b> 106'33  | 7 20 71          | direct                         | -616 Jun 01 j 11:15                        | 18° <b>8</b> 04'08                   |             |
| direct                            | -617 Jun 21 j 12:39                        | 6° <b>Ⅱ</b> 47'57   |                  | morning max el                 | -616 Jun 12 j 07:50                        | 23° <b>8</b> 06'08                   | 20°35'00    |
| morning max el                    | -617 Jun 30 j 18:50                        | 11° <b>I</b> I06'16   | 19°23'42         | morning max er                 | -616 Jun 18 j 05:57                        | 0°Ⅱ                                  | 20 33 00    |
| asc. node                         | -617 Jul 09 j 10:21                        | 22° <b>Ⅲ</b> 31'49  | 1, 2, 12         | asc. node                      | -616 Jun 25 j 07:25                        | 11° <b>Ⅲ</b> 32'19                   |             |
| use. Houe                         | -617 Jul 13 j 14:49                        | 0°9   |                  | morning set                    | -616 Jul 01 j 06:04                        | 23° <b>Ⅱ</b> 11'51                   |             |
| morning set                       | -617 Jul 18 j 00:14                        | 8°933'49  |                  | morning sec                    | -616 Jul 04 j 13:14                        | 0°95                                 |             |
| morning sec                       | 017 041 10 1 00.11                         | 0 233 .5  |                  |                                | 010 vai 01 j 15.11                         | • •                                  |             |
| superior conj                     | -617 Jul 26 j 03:26                        | 24°9546'32  | 1°47'31          | superior conj                  | -616 Jul 08 j 20:32                        | 8°951'32                             | 1°43'01     |
| minimum elong                     | -617 Jul 26 j 03:20                        | 24°5946'01  | 1°47'30          | minimum elong                  | -616 Jul 08 j 18:58                        | 8°9543'34                            | 1°42'57     |
|                                   | -617 Jul 28 j 20:17                        | 0°N   |                  | max. Earth dist.               | -616 Jul 13 j 15:18                        | 18° <b>©</b> 23'43                   | 1.36073 AU  |
| max. Earth dist.                  | -617 Aug 01 j 08:13                        |   | 1.37891 AU       | evening rise                   | -616 Jul 17 j 17:03                        | 26°9508'36                           |             |
| evening rise                      | -617 Aug 05 j 03:28                        | 13° <b>Ω</b> 25'25  |                  | S                              | -616 Jul 19 j 19:34                        | $0^{\circ}\Omega$                    |             |
| C                                 | -617 Aug 15 j 01:08                        | 0° <b>m</b> )   |                  | desc. node                     | -616 Aug 04 j 09:14                        | 25° <b>Ω</b> 31'45                   |             |
| desc. node                        | -617 Aug 18 j 12:13                        | 5° m/22'58  |                  |                                | -616 Aug 07 j 11:33                        | 0° <b>m</b> y                        |             |
|                                   | -617 Sep 05 j 15:34                        | 0∘ <u>⊽</u>   |                  | evening max el                 | -616 Aug 22 j 10:08                        | 18° <b>m</b> ) 11'55                 | 26°12'12    |
| evening max el                    | -617 Sep 09 j 22:38                        | 4° <b>£</b> 35'44   | 25°05'17         | retrograde                     | -616 Sep 04 j 00:57                        | 25° m/21'09                          |             |
| retrograde                        | -617 Sep 21 j 17:38                        | 11° <b>≏</b> 25'37  |                  | evening set                    | -616 Sep 10 j 09:47                        | 22° m) 41'14                         |             |
| evening set                       | -617 Sep 27 j 12:07                        | 8° <b>≙</b> 59'17   |                  | min. Earth dist.               | -616 Sep 14 j 13:58                        | 18° Mp 13'23                         | 0.66423 AU  |
| min. Earth dist.                  | -617 Oct 02 j 00:13                        | 3° <b>≏</b> 54'29   | 0.67151 AU       | inferior conj                  | -616 Sep 16 j 00:24                        | 16° <b>m</b> 26'41                   |             |
| inferior conj                     | -617 Oct 02 j 23:06                        | 2° <b>£</b> 39'25   |                  | minimum elong                  | -616 Sep 16 j 03:04                        | 16° Mp 18'27                         |             |
| minimum elong                     | -617 Oct 03 j 00:21                        | 2° <b>£</b> 35'19   |                  | asc. node                      | -616 Sep 21 j 06:37                        | 10° mp 58'53                         |             |
| asc. node                         | -617 Oct 05 j 09:34                        | 29° m 35'33   |                  | morning rise                   | -616 Sep 21 j 20:40                        | 10° <b>m</b> 36'19                   |             |
|                                   | -617 Oct 05 j 01:17                        | 30°R, M)  |                  | direct                         | -616 Sep 24 j 23:23                        | 9° m/40'55                           |             |
| morning rise                      | -617 Oct 08 j 12:41                        | 26° m/38'52   |                  | morning max el                 | -616 Oct 01 j 19:50                        | 13° <b>m</b> 30'37                   | 18°52'40    |
| direct                            | -617 Oct 12 j 01:08                        | 25° m) 27'18  |                  | - C                            | -616 Oct 13 j 21:20                        | 0∘ <del>⊽</del>                      |             |
| morning max el                    | -617 Oct 19 j 11:20                        | 29° m/42'05   | 19°45'38         | morning set                    | -616 Oct 23 j 10:58                        | 15° <b>≏</b> 02'24                   |             |
| <b>5</b>                          | <i>j</i> . •                               | 2   |                  | <b>U</b>                       | <b>J</b>                                   |                                      |             |

| -                              | nical year style is used: T                |                                | •                  | , ·                      |  |                                      | 50 133     |
|--------------------------------|--|--------------------------------|--------------------|--------------------------|--|--------------------------------------|------------|
| desc. node                     | -616 Oct 31 j 08:35                        | 27° <b>£</b> 29'32             | asir on one one or | morning max el           | -615 Sep 15 j 09:10                        | 27°Ω22'20                            | 18°15'54   |
| acco. noac                     | -616 Nov 01 j 22:52                        | 0°M                            |                    | morning man er           | -615 Sep 17 j 17:05                        | 0° mp                                | 10 100.    |
| max. Earth dist.               | -616 Nov 07 j 19:25                        |                                | 1.44919 AU         | morning set              | -615 Oct 04 j 04:23                        | 25° mp 31'32                         |            |
| max. Earth dist.               | 010140V 07 j 19.23                         | ) IIU12 24                     | 1.44717710         | morning set              | -615 Oct 06 j 21:53                        | ೨೨ ಗ್ಳು ೨1 ೨೭<br>0° <b>೧</b>         |            |
| superior conj                  | -616 Nov 08 j 19:29                        | 10°ML47'08                     | -0°53'21           | desc. node               | -615 Oct 18 j 05:36                        | 0 <b>–</b><br>18° <b>≏</b> 13'46     |            |
| minimum elong                  | -616 Nov 08 j 12:51                        | 10°M21'03                      |                    | desc. Hode               | -013 001 10 103.30                         | 10 =1340                             |            |
| minimum clong                  | -616 Nov 20 j 21:43                        | 10 llG21 03<br>0° <b>x</b> 7   | 0 32 33            | superior conj            | -615 Oct 18 j 21:01                        | 19° <b>≙</b> 14'53                   | 0°04'14    |
| evening rise                   | -616 Nov 24 j 06:59                        | 5° <b>×</b> <sup>7</sup> 27'20 |                    | minimum elong            | -615 Oct 18 j 20:29                        | 19° <b>⊆</b> 12'44                   |            |
| evening rise                   | -616 Dec 09 j 20:38                        | 0°る                            |                    | behind sun begin         | -615 Oct 18 j 09:44                        | 18° <b>⊆</b> 30'08                   | 0 0410     |
| evening max el                 | -616 Dec 15 j 04:59                        | 6° <b>ਰ</b> 41'38              | 10046112           | behind sun end           | -615 Oct 19 j 07:14                        | 18 <b>=</b> 30 08 19° <b>£</b> 55'19 |            |
| asc. node                      | -616 Dec 18 j 05:54                        | 9° <b>る</b> 15'26              | 16 40 12           | max. Earth dist.         | -615 Oct 21 j 13:52                        |                                      | 1.44903 AU |
| retrograde                     | -616 Dec 21 j 22:40                        | 9 <b>3</b> 13 20               |                    | max. Earth dist.         | -615 Oct 25 j 16:56                        | 0° <b>M</b>                          | 1.44903 AO |
| evening set                    | -616 Dec 25 j 02:12                        | 9° <b>る</b> 32'25              |                    | evening rise             | -615 Nov 04 j 08:30                        | 15°M04'25                            |            |
| •                              |  |                                | 3°25'50            | evening rise             | v  | 13 11€04 23<br>0° 🔏                  |            |
| inferior conj<br>minimum elong | -616 Dec 30 j 20:31<br>-616 Dec 30 j 17:58 | 3°る5110                        |                    | greatest brilliancy      | -615 Nov 13 j 23:07<br>-615 Nov 16 j 02:28 | 3° <b>х</b> 16′26                    | -0.7m      |
| min. Earth dist.               | -  | 1° <b>る</b> 42'29              | 0.65155 AU         | -                        |  | 20° <b>₹</b> 10 20                   | 19°31'27   |
| mm. Earm dist.                 | -615 Jan 01 j 14:46<br>-615 Jan 03 j 02:12 |                                | 0.03133 AU         | evening max el asc. node | -615 Nov 28 j 12:52<br>-615 Dec 05 j 02:55 | 24° × 18'42                          | 19 31 27   |
|                                | 3  | 30°R. <b>₹</b>                 |                    |                          | ,  |                                      |            |
| morning rise                   | -615 Jan 05 j 09:22                        | 27° 🖈 43'01                    |                    | retrograde               | -615 Dec 05 j 19:18                        | 24° 🖈 21'20                          |            |
| direct                         | -615 Jan 12 j 01:47                        | 24° <b>₹</b> 51'02             |                    | evening set              | -615 Dec 09 j 05:49                        | 23°×12'09                            | 2052146    |
|                                | -615 Jan 22 j 13:22                        | 0°る                            | 26057151           | inferior conj            | -615 Dec 14 j 19:03                        | 17° <b>₹</b> 16'11                   | 2°53'46    |
| morning max el                 | -615 Jan 25 j 06:22                        | 2° <b>る</b> 32'13              | 26°5/'51           | minimum elong            | -615 Dec 14 j 16:11                        | 17° 🖈 25'29                          | 2°52'57    |
| desc. node                     | -615 Jan 27 j 07:44                        | 4° <b>පි</b> 41'06             |                    | min. Earth dist.         | -615 Dec 15 j 23:07                        | 15° <b>₹</b> 44'50                   | 0.66308 AU |
|                                | -615 Feb 14 j 22:51                        | 0° <b>≈</b>                    |                    | morning rise             | -615 Dec 20 j 02:19                        | 11° <b>₹</b> 04'14                   |            |
| morning set                    | -615 Mar 01 j 23:57                        | 26°≈19'53                      |                    | direct                   | -615 Dec 26 j 06:46                        | 8° <b>₹</b> 20'05                    | 25052100   |
|                                | -615 Mar 03 j 21:15                        | 0° <b>∀</b>                    |                    | morning max el           | -614 Jan 07 j 15:43                        | 15° <b>∡</b> ³39'57                  | 25°52'09   |
| max. Earth dist.               | -615 Mar 06 j 11:41                        | 5° <b>光</b> 11'13              | 1.34248 AU         | desc. node               | -614 Jan 14 j 04:49                        | 23° <b>∡</b> 03′58                   |            |
|                                |  |                                |                    |                          | -614 Jan 19 j 12:19                        | 0°ರ                                  |            |
| superior conj                  | -615 Mar 10 j 08:42                        | 13° <b>米</b> 09′37             |                    |                          | -614 Feb 07 j 19:13                        | 0° <b>≈</b>                          |            |
| minimum elong                  | -615 Mar 10 j 11:26                        | 13° <b>¥</b> 23′52             | 0°57'49            | morning set              | -614 Feb 12 j 21:48                        | 9° <b>≈</b> 08'23                    |            |
| asc. node                      | -615 Mar 16 j 05:13                        | 25° <b>∺</b> 29'51             |                    | max. Earth dist.         | -614 Feb 16 j 18:47                        | 16° <b>≈</b> 25'37                   | 1.35743 AU |
| evening rise                   | -615 Mar 17 j 19:16                        | 28° <b>)</b> 49′03             |                    |                          |  |                                      |            |
|                                | -615 Mar 18 j 08:57                        | $0^{\circ}\mathbf{\Upsilon}$   |                    | superior conj            | -614 Feb 22 j 03:39                        | 27° <b>≈</b> 00'35                   |            |
|                                | -615 Apr 05 j 17:15                        | $0^{\circ}S$                   |                    | minimum elong            | -614 Feb 22 j 07:14                        | 27° <b>≈</b> 18'41                   | 1°22'20    |
| evening max el                 | -615 Apr 06 j 20:32                        | 1° <b>8</b> 08'34              | 21°29'27           |                          | -614 Feb 23 j 15:02                        | 0° <b>∀</b>                          |            |
| retrograde                     | -615 Apr 19 j 00:15                        | 7° <b>8</b> 03'10              |                    | evening rise             | -614 Mar 02 j 01:47                        | 13° <b>升</b> 14′02                   |            |
| evening set                    | -615 Apr 21 j 10:39                        | 6° <b>8</b> 49'41              |                    | asc. node                | -614 Mar 03 j 02:15                        | 15° <b>₩</b> 18'21                   |            |
| desc. node                     | -615 Apr 25 j 06:52                        | 5° <b>8</b> 39'03              |                    |                          | -614 Mar 10 j 21:10                        | $0^{\circ}\mathbf{\Upsilon}$         |            |
| inferior conj                  | -615 Apr 30 j 20:01                        | 2° <b>8</b> 48'29              | -1°34'05           | evening max el           | -614 Mar 20 j 03:30                        | 12° <b>Ƴ</b> 27'24                   | 20°11'03   |
| minimum elong                  | -615 Apr 30 j 15:39                        | 2° <b>8</b> 54'37              |                    | retrograde               | -614 Mar 30 j 14:52                        | 17° <b>Y</b> 28'30                   |            |
| min. Earth dist.               | -615 Apr 30 j 22:27                        |                                | 0.55016 AU         | evening set              | -614 Apr 01 j 17:59                        | 17° <b>Ƴ</b> 16'57                   |            |
|                                | -615 May 06 j 06:39                        | 30° <b>₹Ƴ</b>                  |                    | inferior conj            | -614 Apr 10 j 16:58                        | 13° <b>Ƴ</b> 18'17                   | 0°24'47    |
| morning rise                   | -615 May 09 j 21:16                        | 28° <b>Ƴ</b> 48'58             |                    | minimum elong            | -614 Apr 10 j 18:04                        | 13° <b>Ƴ</b> 16'37                   | 0°24'24    |
| direct                         | -615 May 12 j 22:18                        | 28° <b>Y</b> 28'44             |                    | desc. node               | -614 Apr 12 j 03:55                        | 12° <b>Y</b> 26′10                   |            |
|                                | -615 May 19 j 05:39                        | $_{0\circ}$ 8                  |                    | min. Earth dist.         | -614 Apr 12 j 12:34                        | 12° <b>Ƴ</b> 13′23                   | 0.55389 AU |
| morning max el                 | -615 May 25 j 09:59                        | 4° <b>8</b> 23'39              | 22°04'09           | morning rise             | -614 Apr 19 j 16:18                        | 8° <b>Ƴ</b> 55'00                    |            |
|                                | -615 Jun 11 j 16:24                        | $\Pi$ $^{\circ}0$              |                    | direct                   | -614 Apr 23 j 11:54                        | 8° <b>Y</b> 23'06                    |            |
| asc. node                      | -615 Jun 12 j 04:29                        | 0° <b>Ⅱ</b> 59'30              |                    | morning max el           | -614 May 07 j 03:45                        | 15° <b>Ƴ</b> 07'07                   | 23°43'46   |
| morning set                    | -615 Jun 15 j 15:42                        | 8° <b>Ⅲ</b> 02'44              |                    |                          | -614 May 18 j 20:02                        | $9^{\circ}$ 8                        |            |
|                                |  |                                |                    | asc. node                | -614 May 30 j 01:32                        | 20° <b>8</b> 46'09                   |            |
| superior conj                  | -615 Jun 22 j 21:58                        | 23° <b>Ⅲ</b> 22'31             | 1°32'12            | morning set              | -614 May 31 j 03:20                        | 23° <b>8</b> 00'43                   |            |
| minimum elong                  | -615 Jun 22 j 19:37                        | 23° <b>Ⅲ</b> 10′12             | 1°31'58            |                          | -614 Jun 03 j 10:01                        | $\Pi$ $^{\circ}0$                    |            |
|                                | -615 Jun 26 j 02:30                        | 0ංම                            |                    |                          |  |                                      |            |
| max. Earth dist.               | -615 Jun 26 j 06:45                        | 0°921'47                       | 1.34584 AU         | superior conj            | -614 Jun 07 j 04:55                        | 8° <b>Ⅱ</b> 10′28                    | 1°16'27    |
| evening rise                   | -615 Jun 30 j 22:52                        | 9° <b>©</b> 40'29              |                    | minimum elong            | -614 Jun 07 j 02:25                        | 7° <b>Ⅱ</b> 56'57                    | 1°16'06    |
|                                | -615 Jul 12 j 06:49                        | $0^{\circ}\Omega$              |                    | max. Earth dist.         | -614 Jun 09 j 07:41                        | 12° <b>Ⅱ</b> 41'56                   | 1.33486 AU |
| desc. node                     | -615 Jul 22 j 06:13                        | 15° <b>Ω</b> 15'19             |                    | evening rise             | -614 Jun 14 j 16:29                        | 23° <b>Ⅱ</b> 48′22                   |            |
|                                | -615 Aug 03 j 05:07                        | 0° mp                          |                    |                          | -614 Jun 17 j 20:13                        | $0$ $\circ$ $\odot$                  |            |
| evening max el                 | -615 Aug 04 j 21:50                        | 1° <b>m</b> 41'35              | 27°00'55           |                          | -614 Jul 05 j 21:32                        | $0^{\circ}\Omega$                    |            |
| retrograde                     | -615 Aug 18 j 03:08                        | 9° <b>™</b> 00′24              |                    | desc. node               | -614 Jul 09 j 03:12                        | 4° <b>Ω</b> 22'57                    |            |
| evening set                    | -615 Aug 24 j 23:52                        | 6° Mp 14′08                    |                    | evening max el           | -614 Jul 18 j 08:51                        | 14° <b>£</b> 54′28                   | 27°24'16   |
| min. Earth dist.               | -615 Aug 28 j 20:52                        | 2° m/23'33                     | 0.65337 AU         | retrograde               | -614 Jul 31 j 23:32                        | 22° <b>Ω</b> 14'56                   |            |
| inferior conj                  | -615 Aug 30 j 19:56                        | 0° m/08'31                     | -2°39'58           | evening set              | -614 Aug 08 j 03:26                        | 19° <b>Ω</b> 33'14                   |            |
| minimum elong                  | -615 Aug 30 j 23:49                        | 29° <b>£</b> 57′22             | 2°38'38            | min. Earth dist.         | -614 Aug 11 j 18:56                        | 16° <b>Ω</b> 16'57                   | 0.63886 AU |
| -                              | -615 Aug 30 j 22:54                        | 30° <b>₹</b> Ω                 |                    | inferior conj            | -614 Aug 14 j 07:14                        | 13° <b>Ω</b> 40′04                   | -3°29'51   |
| morning rise                   | -615 Sep 06 j 00:24                        | 24° <b>Ω</b> 31′22             |                    | minimum elong            | -614 Aug 14 j 11:49                        | 13° <b>Ω</b> 28′06                   | 3°28'35    |
| asc. node                      | -615 Sep 08 j 03:41                        | 23° <b>Ω</b> 50′57             |                    | morning rise             | -614 Aug 20 j 21:11                        | 8° <b>Ω</b> 19'15                    |            |
| direct                         | -615 Sep 08 j 19:44                        | 23° <b>Ω</b> 48′30             |                    | direct                   | -614 Aug 23 j 11:39                        | 7° <b>Ω</b> 45'30                    |            |
|                                |  |                                |                    |                          |  |                                      |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -614 Aug 26 j 00:45 8°N18'08 direct -613 Aug 06 j 19:51 21°9525'33 asc. node -613 Aug 12 j 21:47 -614 Aug 30 j 00:39 11°**Ω**11'38 24°9510'56 morning max el 17°56'26 asc node -614 Sep 11 j 18:41 -613 Aug 13 j 15:30 24°952'15 0° m morning max el 17°55'19 -614 Sep 16 j 00:29 0° $\Omega$ 7° Tp 17'47 -613 Aug 17 j 20:59 morning set morning set -613 Aug 29 j 17:31 20°**Ω**04'35 -614 Sep 28 j 15:57 superior conj 28° Mg 36'34 0°41'39 -613 Sep 04 j 06:08 0° m minimum elong -614 Sep 28 j 20:13 28° m 53'58 0°41'06 -614 Sep 29 j 12:23 9° **m** 19'20 0∘**⊽** superior conj -613 Sep 09 j 14:08 1°16'01 1.44174 AU max. Earth dist. -614 Oct 04 j 06:51 7°**£**41'34 minimum elong -613 Sep 09 j 19:07 9°**m** 40'44 1°15'29 desc. node -614 Oct 05 j 02:35 9°**₽**00'08 max. Earth dist. -613 Sep 16 j 20:19 21°**m** 29'26 1.42826 AU evening rise -614 Oct 14 j 17:21 24°**₽**02'33 desc. node -613 Sep 21 j 23:35 29° m/45'51 -614 Oct 18 j 14:34 0°M -613 Sep 22 j 03:09 0∘**⊽** -614 Nov 08 j 11:12 0°**∡**¹ evening rise -613 Sep 24 j 02:08 3°**△**05'07 evening max el -614 Nov 11 j 15:41 3°**х**³36′28 20°31'25 -613 Oct 12 j 02:01 0°M retrograde -614 Nov 19 j 16:49 8°×21'23 evening max el -613 Oct 25 j 12:45 17°**™**05'02 21°42'53 asc. node -614 Nov 21 j 23:58 7°**∡**¹51'15 retrograde -613 Nov 03 j 13:26 22°M27'00 evening set -614 Nov 23 j 12:24 6°**х** 57′24 evening set -613 Nov 07 j 20:08 20°M46'13 inferior conj -614 Nov 28 j 22:25 0°**∡**¹49'52 2°13'21 asc. node -613 Nov 08 j 21:01  $19^{\circ}$ M $_{5}1'05$ minimum elong -614 Nov 28 j 19:50 0°**х** 58′38 2°12'26 inferior conj -613 Nov 13 j 04:34 14°MJ30'20 1°26'46 min. Earth dist. -614 Nov 29 j 13:52 29°M57'29 0.67090 AU minimum elong -613 Nov 13 j 02:42 14°MJ36'49 1°26'01 -614 Nov 29 j 13:07 30°RM min. Earth dist. -613 Nov 13 j 08:41 14°**M**₊16′08 0.67526 AU morning rise -614 Dec 04 i 03:04 24°MJ36'17 morning rise -613 Nov 18 i 09:06 8°M17'18 -614 Dec 09 i 16:59 22°M08'54 direct -613 Nov 23 i 07:45 6°M11′28 direct morning max el -614 Dec 20 i 23:59 28°M52'59 24°30'25 morning max el -613 Dec 03 i 09:25 12°M10'36 23°02'48 -614 Dec 22 j 01:54 0°**∡**′ -613 Dec 17 j 14:34 0°×7 -613 Jan 01 j 01:50 12°**∡**12'45 -613 Dec 18 j 22:52 1°**х** 54'36 desc node desc. node -613 Jan 13 j 07:37 0°궁 -612 Jan 06 j 04:38 0°る -613 Jan 25 j 23:42 20°る52'54 -612 Jan 06 j 23:26 1°る17'53 morning set morning set max. Earth dist. -613 Jan 29 j 16:10 27°**る**27'27 1.37640 AU max Earth dist -612 Jan 11 j 11:33 8°**る**55'35 1.39753 AU -613 Jan 31 j 01:32 0°≈ -612 Jan 19 j 04:33 22°る39'46 -1°57'22 superior conj -613 Feb 05 j 11:40 -612 Jan 19 j 06:49 10°≈14'16 -1°43'31 22°る50'12 1°57'17 superior conj minimum elong -613 Feb 05 j 15:19 10°≈31'54 1°43'10 -612 Jan 23 j 03:00 minimum elong 0°≈ 10°**≈**44'45 -613 Feb 14 j 02:20 -612 Jan 28 j 18:10 evening rise 27°≈14'50 evening rise 0°**)**€ -612 Feb 04 j 20:19 -613 Feb 15 j 11:45 asc. node 23°≈55'02 -612 Feb 08 j 13:16 asc. node -613 Feb 17 j 23:17 4°**)**(48'48 0°**₩** evening max el -613 Mar 02 j 21:29 24°**)** 23'41 19°10'55 evening max el -612 Feb 14 j 00:24 6°**) €** 52'47 18°30'40 -613 Mar 11 j 17:17 28°**升**38'02 retrograde -612 Feb 21 j 14:32 10°**¥**35'58 retrograde -613 Mar 13 j 23:10 28°**)** €22'46 evening set -612 Feb 24 j 01:20 10°**¥**13'59 evening set -613 Mar 22 j 04:08 24°\mathbf{\psi}11'50 2°05'59 inferior conj -612 Mar 02 j 11:51 5°\(\pm\)43'22 3°12'38 inferior conj -613 Mar 22 j 08:24 24°\ 04'33 2°04'43 -612 Mar 02 j 15:42 5°**)** 35'44 3°11'53 minimum elong minimum elong -613 Mar 25 j 03:49 22°\ 10'53 0.56636 AU min. Earth dist. -612 Mar 05 j 21:55 3°**升**01'51 0.58474 AU min. Earth dist. -613 Mar 30 j 00:58 19°**¥**29'58 -612 Mar 10 j 03:30 0°**¥**19′01 desc. node morning rise -613 Mar 30 j 14:44 19°**¥**16′22 -612 Mar 10 j 19:24 morning rise 30°R≈ -613 Apr 04 j 13:17 18°**¥**19'37 desc. node 28°≈46'40 direct -612 Mar 15 j 22:01 morning max el -613 Apr 18 j 18:19 25°¥37'16 25°21'31 direct -612 Mar 16 j 03:48 28°≈46'31 -613 Apr 22 j 20:43  $0^{\circ}\Upsilon$ -612 Mar 21 i 15:12 0°**∀** 0°8 -613 May 11 j 17:32 morning max el -612 Mar 30 i 11:47 6°\(\)23'15 26°42'07 -613 May 15 j 15:15 7°**8**59'35 -612 Apr 17 j 00:11  $0^{\circ}\Upsilon$ morning set -613 May 16 j 22:34 10°**8**45'42 -612 Apr 29 j 01:49 22°Y53'45 asc. node morning set -612 May 02 j 09:46 0°8 23°807'16 0°56'51 -612 May 02 j 19:36 superior conj -613 May 22 j 15:09 asc. node 0°**8**53'21 minimum elong -613 May 22 j 12:58 22°855'20 0°56'28 max. Earth dist. -613 May 23 j 16:07 25°**8**23'17 1.32769 AU superior conj -612 May 06 j 02:49 8°**8**06'37 0°34'17 -613 May 25 j 19:17  $\Pi$ °0 minimum elong -612 May 06 j 01:21 7°**8**58'37 0°33'58 -613 May 29 j 18:19 8°**Ⅲ**20′27 max. Earth dist. -612 May 06 j 04:35 8°**8**16'21 1.32414 AU evening rise -613 Jun 10 j 06:18 0°9 -612 May 13 j 01:36 23°**8**07'34 evening rise -613 Jun 26 j 00:13  $0^{\circ}\Pi$ desc. node 22°539'29 -612 May 16 j 10:16 -613 Jun 30 j 16:57 evening max el 27°937'35 27°16'47 -612 Jun 03 j 09:49 0ಂತಾ -613 Jul 03 j 09:27 0° $\Omega$ desc. node -612 Jun 11 j 21:15 9°543'12 -613 Jul 14 j 13:18 retrograde 4°**Ω**55'37 evening max el -612 Jun 11 j 19:19 9°**©**38'34 26°36'10 evening set -613 Jul 21 j 16:38 2°**Ω**31'46 retrograde -612 Jun 25 j 19:10 16°953'47 -613 Jul 24 j 22:33 30°R5 evening set -612 Jul 02 j 10:57 15°900'45 min. Earth dist. -613 Jul 25 j 06:49 29°541'43 0.62098 AU min. Earth dist. -612 Jul 06 j 08:36 12°**©**22'39 0.60082 AU inferior conj -613 Jul 28 j 07:17 26°954'17 -4°11'11 inferior conj -612 Jul 09 j 16:32 9°**5**41'29 -4°37'10 -613 Jul 28 j 11:30 26°9544'29 4°10'24 -612 Jul 09 j 18:38 9°537'15 4°37'00 minimum elong minimum elong

-612 Jul 17 j 04:16

morning rise

5°902'26

-613 Aug 04 j 07:44

21°953'01

morning rise

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. morning rise -612 Jul 19 j 16:07 4°939'21 -611 Jun 29 i 07:05 17°**Ⅲ**36′02 direct 18°13'34 -612 Jul 27 j 02:45 8°916'05 -611 Jul 01 j 20:00 17°**Ⅱ**16'10 morning max el direct -612 Jul 29 j 18:50 11°9513'49 -611 Jul 10 j 07:28 21°**I**I15'10 morning max el 18°52'06 asc. node -611 Jul 16 j 15:54 29°**Ⅲ**12'22 -612 Aug 10 j 03:59  $0^{\circ}\Omega$ asc. node -611 Jul 17 j 04:10 -612 Aug 12 j 01:45 morning set 3°**Ω**35′18 0ಂತಾ -611 Jul 26 j 20:50 morning set 17°538'47 superior conj -612 Aug 21 j 13:58 21°**Ω**18'16 1°37'08 -611 Aug 02 j 04:12 0 $^{\circ}$  $\Omega$ minimum elong -612 Aug 21 j 17:14 21°**Ω**33′05 1°36'53 -612 Aug 26 j 11:32 0° m superior conj -611 Aug 04 j 09:58 4°**Ω**18'16 1°46'31 max. Earth dist. -612 Aug 29 j 04:16 4°m/38'09 1.41027 AU minimum elong -611 Aug 04 j 11:00 4°**Ω**23'11 1°46'29 evening rise -612 Sep 03 j 03:39 12° Mp 54'55 max. Earth dist. -611 Aug 11 j 07:31 17°**Ω**02'11 1.39028 AU -612 Sep 07 j 20:37 desc. node  $20^{\circ}$  Mp 27'06evening rise -611 Aug 15 j 05:54 23°**Ω**54'55 -612 Sep 14 j 01:46 0∘**⊽** -611 Aug 18 j 20:37 0° M -612 Oct 06 j 14:59 0°M desc. node -611 Aug 25 j 17:39 10° m 59'57 evening max el -612 Oct 07 j 04:28 0°M34'25 23°01'30 -611 Sep 07 j 20:47 0∘**⊽** retrograde -612 Oct 17 j 07:36 6°M34'54 evening max el -611 Sep 19 j 16:49 14°**£**06'51 24°21'25 evening set -612 Oct 22 j 03:19 4°M35'57 retrograde -611 Sep 30 j 22:20 20°**-**41'46 asc. node -612 Oct 25 j 18:04  $0^{\circ}$ M $_{3}6'23$ evening set -611 Oct 06 j 08:18 18°**£**24'51 -612 Oct 26 j 05:00 min. Earth dist. -611 Oct 11 j 01:05 12°**♀**59'44 0.67419 AU inferior conj -612 Oct 27 j 11:37 28°**♀**15'20 0°35'42 inferior conj -611 Oct 11 j 17:53 12° **2**03'18 -0°18'20 minimum elong -612 Oct 27 j 10:48 28°**♀**18'12 0°35'21 minimum elong -611 Oct 11 j 18:19 12°**≏**01'49 0°18'09 min. Earth dist. -612 Oct 27 i 05:12 28°**♀**37'26 0.67632 AU asc. node -611 Oct 12 i 15:07 10°**♀**52'26 morning rise -612 Nov 01 i 18:11 22°**₽**05'04 morning rise -611 Oct 17 i 04:23 5°**£**58'21 direct -612 Nov 06 j 02:10 20°**£**21'53 direct -611 Oct 20 j 23:18 4°**♀**36'12 morning max el -612 Nov 14 j 23:31 25°**£**35'25 21°38'06 morning max el -611 Oct 28 j 20:42 9°**₽**10'11 20°22'51 -612 Nov 18 j 22:14 -611 Nov 13 j 12:19 o°M. oom. -612 Dec 04 j 19:55 -611 Nov 21 j 16:58 desc node 21°M59'50 desc. node 12°M,22'00 -612 Dec 10 j 03:07 -611 Nov 25 j 16:41 0°×7 18°M30'31 morning set -612 Dec 16 j 18:07 10°**∡**19'48 -611 Dec 03 j 00:34 0°×7 morning set -612 Dec 23 j 11:49 -611 Dec 05 j 19:26 4°**х** 27′07 1.43478 AU max. Earth dist. 21°**₹**14'55 1.41792 AU max. Earth dist. -612 Dec 28 j 16:32 0°궁 -611 Dec 11 j 19:50 14°**х** 15'33 -1°48'23 superior conj 13°**∡** 51′29 -612 Dec 31 j 00:57 4°る03'44 -2°00'29 -611 Dec 11 j 14:01 1°48'00 superior conj minimum elong -612 Dec 30 j 23:50 -611 Dec 21 j 02:59 0°ಕ minimum elong 3°る58'50 2°00'29 -611 Jan 10 j 21:48 -611 Dec 24 j 09:10 5°る39'51 evening rise 23°**る**35'43 evening rise -611 Jan 14 j 09:57 -610 Jan 08 j 07:38 0°≈ 0°≈ -611 Jan 21 j 17:22 -610 Jan 08 j 14:25 asc. node 12°**≈**29′08 asc. node 0°≈21'27 evening max el -611 Jan 27 j 09:20 19°**≈**46'31 18°10'28 evening max el -610 Jan 10 j 21:23 2°**≈**57'15 18°09'46 retrograde -611 Feb 03 j 05:31 23°≈14'32 retrograde -610 Jan 17 j 09:52 6°≈23'43 -611 Feb 05 j 20:43 22°≈44'18 -610 Jan 20 j 05:18 5°≈44'13 evening set evening set -611 Feb 12 j 15:47 17°≈52'31 3°45'29 -610 Jan 26 j 12:26 0°≈31'58 3°51'57 inferior conj inferior conj -611 Feb 12 j 17:26 17°≈48'44 3°45'21 -610 Jan 26 j 11:53 0°≈33'25 3°51'56 minimum elong minimum elong -611 Feb 15 j 22:01 14°≈53'34 0.60548 AU -610 Jan 27 j 00:35 30°Ŗる min. Earth dist. -611 Feb 19 j 12:23 12°≈07'55 min. Earth dist. -610 Jan 29 j 06:40 27°る39'24 0.62566 AU morning rise -611 Feb 26 j 05:55 9°≈58'07 -610 Feb 01 j 17:26 24°る34'53 direct morning rise -610 Feb 08 i 17:38 desc. node -611 Mar 02 j 19:04 10°≈52'54 direct 21°る56'51 morning max el -611 Mar 12 j 11:26 17°≈45'36 27°32'37 desc. node -610 Feb 17 j 16:08 25°る27'45 -610 Feb 22 i 16:48 -611 Mar 22 j 16:47 0°**)**€ morning max el 29°る48'32 27°46'30  $0^{\circ}\Upsilon$ -611 Apr 09 j 14:29 -610 Feb 22 j 21:25 0°≈ -611 Apr 13 j 09:18 7°**Y**36′58 -610 Mar 16 j 15:37 0°\ morning set -611 Apr 19 j 17:12 21°**Υ**07'48 1.32411 AU -610 Mar 28 j 11:26 22° ¥ 00'43 max Earth dist morning set -611 Apr 19 j 16:40 21° Y 04'53  $0^{\circ}\Upsilon$ asc. node -610 Apr 01 j 08:05 max. Earth dist. -610 Apr 03 j 01:52 3°**Y**42'15 1.32789 AU -611 Apr 20 j 14:15 23°Y02'52 0°09'31 superior conj -611 Apr 20 j 13:49 23°**Y**00'30 0°09'25 superior conj -610 Apr 04 j 23:41 7°Υ49'02 -0°16'41 minimum elong 7°**Y**53′18 behind sun begin -611 Apr 20 j 09:44 22° Y 38'10 minimum elong -610 Apr 05 j 00:28 0°16'31 11°**Y**15'16 23°Y22'50 -611 Apr 20 j 17:53 -610 Apr 06 j 13:43 behind sun end asc. node -611 Apr 23 j 18:28 -610 Apr 11 j 23:50 22°Y56'09  $0^{\circ}$ 8 evening rise -611 Apr 27 j 12:06 8°**8**02'05 0°8 evening rise -610 Apr 15 j 09:56 -611 May 08 j 23:21  $\Pi$ °0 -610 May 04 j 14:56  $0^{\circ}\Pi$ evening max el -611 May 24 j 14:47 20°**耳**54'57 25°25'58 evening max el -610 May 06 j 05:47 1°**I**38′05 23°56′13 desc. node -611 May 29 j 18:17 25°**Ⅲ**04'55 desc. node -610 May 16 j 15:20 8°**Ⅲ**07'12 retrograde -611 Jun 07 j 15:50 28°**Ⅲ**05'34 retrograde -610 May 20 j 00:49 8°**Ⅲ**33'30 evening set -611 Jun 13 j 06:52 26°**Ⅲ**51'17 evening set -610 May 24 j 05:41 7°**Ⅲ**54'21 min. Earth dist. -611 Jun 18 j 02:44 24°**Ⅱ**07'04 0.58049 AU min. Earth dist. -610 May 30 j 16:54 4°**Д**48'46 0.56318 AU -611 Jun 21 j 07:35 21°II52'46 -4°37'36 -610 Jun 02 j 02:25 3°**II**20'27 -4°00'07 inferior conj inferior conj

-611 Jun 21 j 05:38

minimum elong

21°II56'13 4°37'29

-610 Jun 01 j 20:16

minimum elong

3°**II**29'57 3°58'56

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. minimum elong -610 Jun 08 i 09:49 30°R₩ -609 May 12 j 21:15 14°**8**16'59 2°35'51 -610 Jun 10 j 13:46 29°820'45 -609 May 22 j 01:29 10°813'01 morning rise morning rise -610 Jun 13 j 04:34 29°**8**03'02 -609 May 24 j 21:05 9°**8**54'57 direct direct -609 Jun 05 j 10:55 -610 Jun 17 j 17:33  $0^{\circ}II$ 15°**8**19'29 21°10'59 morning max el 3°耳38'43 -610 Jun 23 j 02:47 -609 Jun 16 j 11:55 morning max el 19°51'34  $\Pi$  $^{\circ}$ 0 -610 Jul 03 j 12:58 -609 Jun 20 j 10:01 7°**Ⅱ**05'24 asc. node 17°**Ⅲ**53′00 asc. node 16°**Ⅱ**49'18 -610 Jul 09 j 22:26 0°9 morning set -609 Jun 25 j 07:07 -610 Jul 10 j 23:27 0ಂತಾ morning set 2°905'40 -609 Jul 01 j 14:44 superior conj -610 Jul 18 j 20:38 18°**©**02'49 1°46'28 superior conj -609 Jul 02 j 17:37 2°9519'20 1°39'06 minimum elong -610 Jul 18 j 19:49 17°958'48 1°46'28 minimum elong -609 Jul 02 j 15:38 2°909'07 1°38'58 -610 Jul 24 j 11:07 -609 Jul 06 j 21:23 max. Earth dist. 28°**©**55'35 1.37085 AU max. Earth dist. 10°9545'58 1.35399 AU -610 Jul 25 j 00:49  $0^{\circ}\Omega$ evening rise -609 Jul 11 j 04:56 19°908'55 evening rise -610 Jul 28 j 07:52 6°£03′36 -609 Jul 17 j 03:58  $0^{\circ}\Omega$ -610 Aug 11 j 17:49 0° m desc. node -609 Jul 30 j 11:41 21°Ω17'49 desc. node -610 Aug 12 j 14:40 1°M 19'01 -609 Aug 05 j 19:33 0° m evening max el -610 Sep 02 j 04:13 27° m/42'39 25°35'29 evening max el -609 Aug 15 j 16:02 11°**m** 17'39 26°35'41 -610 Sep 04 j 16:04 0∘**⊽** retrograde -609 Aug 28 j 13:45 18° Mp 31'36 retrograde -610 Sep 14 j 08:38 4°**£**42'39 evening set -609 Sep 04 j 03:57 15° m 48'17 evening set -610 Sep 20 j 09:13 2°**2**10'02 min. Earth dist. -609 Sep 08 j 05:06 11° Mp 36'05 0.66006 AU -610 Sep 22 j 13:17 30°R M inferior conj -609 Sep 09 j 20:40  $9^{\circ}$  m  $37'06 - 2^{\circ}09'07$ min. Earth dist. -610 Sep 24 i 17:54 27° m 20'30 0.66882 AU minimum elong -609 Sep 09 i 23:53 9° m 27'26 2°07'55 -610 Sep 25 j 21:33 25° m 51'41 -1°13'51 morning rise -609 Sep 15 i 20:13 3° m 51'41 inferior coni minimum elong -610 Sep 25 j 23:23 25° m 45'45 1°13'05 asc. node -609 Sep 16 j 09:14 3° m 35'15 -610 Sep 29 j 12:10 21° m 36'44 direct -609 Sep 18 j 19:32 3°m01'55 asc. node -610 Oct 01 j 13:45 19° m 54'52 -609 Sep 25 j 12:06 18°34'52 morning rise morning max el 6° Mp 43'47 -610 Oct 04 j 21:41 18° m 50'42 -609 Oct 11 j 15:43 0∘Ω direct -610 Oct 12 j 01:21 22° m 54'03 19°21'04 -609 Oct 15 j 19:13 6°**£**39'06 morning max el morning set -609 Oct 26 j 11:01 -610 Oct 17 j 21:17 0∘⊽ 23°**£**37'06 desc node -610 Nov 04 j 18:16 26°**♀**58'28 -609 Oct 30 j 12:09 0°M morning set -610 Nov 06 j 16:53 0°M -609 Oct 31 j 13:25 1°M39'24 -0°32'53 desc. node -610 Nov 08 j 14:00 2°M55'55 superior conj 18°ML20'01 1.44592 AU max. Earth dist. -610 Nov 18 j 09:35 -609 Oct 31 j 09:06 1°M22'24 0°32'20 minimum elong 2°M35'56 1.45008 AU -609 Nov 01 j 03:48 max. Earth dist. -610 Nov 21 j 12:32 -609 Nov 16 j 14:42 superior conj 23°M17'10 -1°18'08 evening rise 26°M58'35 -610 Nov 21 j 04:25 -609 Nov 18 j 12:23 minimum elong 22°M44'55 1°17'17 0° **₹** 10°**∡**°45′01 -0.8m -610 Nov 25 j 17:10 -609 Nov 25 j 07:06 0°**⊼** greatest brilliancy -610 Dec 05 j 23:52 16°**₹**'49'12 evening max el -609 Dec 08 j 19:59 29°**∡**¹44'39 19°03'32 evening rise -610 Dec 13 j 22:45 0°궁 -609 Dec 09 j 02:02 0°ರ evening max el -610 Dec 25 j 09:48 16°る18'42 18°27'50 asc. node -609 Dec 13 j 08:30 3°**る**09'33 -610 Dec 26 j 11:27 17°る20'00 -609 Dec 15 j 18:07 3°**る**41'16 asc. node retrograde -610 Dec 31 j 23:18 19°る55'10 -609 Dec 19 j 00:30 2°る39'28 retrograde evening set -609 Jan 03 j 23:35 19°**る**05'15 -609 Dec 22 j 01:21 30°₽**⋌**7 evening set -609 Jan 09 j 21:50 13°る34'07 3°39'26 -609 Dec 24 j 16:24 26°**₹**51'42 3°13'21 inferior conj inferior conj -609 Jan 09 j 19:47 13°る40'04 3°39'09 -609 Dec 24 j 13:38 27°**₹**00'22 3°12'43 minimum elong minimum elong -609 Jan 12 i 00:55 -609 Dec 26 i 04:25 min. Earth dist. 11°る06'10 0.64319 AU min. Earth dist. 24° ₹ 58'37 0.65700 AU -609 Jan 15 i 15:28 -609 Dec 30 i 02:31 morning rise 7°る29'21 morning rise 20°**х** 41′57 -609 Jan 22 j 12:56 -608 Jan 05 i 14:25 direct 4°る38'00 direct 17°**∡** 51'58 -609 Feb 04 i 13:11 desc. node 11°る55'11 morning max el -608 Jan 18 j 11:06 25° x 24'54 26°32'24 -609 Feb 05 i 01:32 12°る25'38 27°24'31 desc. node -608 Jan 22 j 10:14 29°**х** 42′32 morning max el -609 Feb 19 j 03:54 0°**≈** -608 Jan 22 j 16:15 0°궁 -609 Mar 09 j 03:31 0°**)**€ -608 Feb 12 j 15:44 0°**≈** -609 Mar 12 j 05:34 -608 Feb 23 j 12:04 19°≈12'37 morning set 5° ¥ 56'26 morning set max. Earth dist. -609 Mar 17 j 02:43 15°**)** 48'01 1.33589 AU max. Earth dist. -608 Feb 27 j 16:46 27°≈19'47 1.34837 AU -608 Feb 29 j 00:55 0°) -609 Mar 20 j 05:20 22° ¥ 19'24 -0°43'18 superior conj 6°**¥**26'31 -1°09'04 -609 Mar 20 j 07:23 22°\dagger30'18 0°42'52 superior conj -608 Mar 03 j 04:55 minimum elong -609 Mar 23 j 19:40  $0^{\circ}\Upsilon$ -608 Mar 03 j 08:04 6°**)**42'47 1°08'31 minimum elong -609 Mar 24 j 10:46 1°Y20'40 -608 Mar 10 j 07:49 21°**)** 16'27 asc. node asc. node -609 Mar 27 j 11:03 7°**Y**43'53 -608 Mar 10 j 19:51 22°**)** 18'44 evening rise evening rise 0°8  $0^{\circ}\Upsilon$ -609 Apr 08 j 08:13 -608 Mar 14 j 15:11 evening max el -609 Apr 17 j 22:25 12°**8**14'44 22°21'09 evening max el -608 Mar 29 j 23:00 23°**Y**12'16 20°54'00 retrograde -609 Apr 30 j 20:48 18°**8**35'54 retrograde -608 Apr 10 j 09:47 28°**Y**43'49 evening set -609 May 03 j 18:44 18°**8**17'13 evening set -608 Apr 12 j 15:36 28°**Y**31'55 desc. node -609 May 03 j 12:21 18°**8**20'26 desc. node -608 Apr 19 j 09:22 25°**Y**58′18 -609 May 12 j 05:50 14°838'46 0.55242 AU -608 Apr 21 j 22:02 24° Y 34'00 -0° 43'19 min. Earth dist. inferior conj

-609 May 13 j 03:49

inferior conj

14°807'40 -2°37'52

-608 Apr 21 j 19:59

minimum elong

24°**Y**36'55 0°42'34

| •                   | •                   |  | •                  | * *              | 001 DCE in historical ac                   |  | ge 137     |
|---------------------|---------------------|--|--------------------|------------------|--|--|------------|
| min. Earth dist.    | -608 Apr 22 j 18:54 |  | 0.55061 AU         |                  | 901 BCE in historical cou                  | $5^{\circ}$ \blace{\gamma}\text{10'41} | 1911120    |
|                     |                     | 24 <b>γ</b> 04 21<br>20° <b>γ</b> 26'40  | 0.55001 AU         | inferior conj    | -607 Apr 01 j 23:42                        | 5° <b>Υ</b> 06'04                      | 1°10'30    |
| morning rise        | -608 Apr 30 j 23:53 | $20^{\circ}$ \ \ \ \ 20^{\cdot} \ \ 20^{\cdot} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |                    | minimum elong    | -607 Apr 02 j 02:38                        | 3° <b>Υ</b> 40'57                      | 0.55825 AU |
| direct              | -608 May 04 j 07:45 |  | 22045150           | min. Earth dist. | -607 Apr 04 j 09:08                        | 2° <b>Υ</b> 34'31                      | 0.55825 AU |
| morning max el      | -608 May 17 j 08:46 | 26° <b>Y</b> 19'17<br>0° <b>と</b>  | 22 43 38           | desc. node       | -607 Apr 06 j 06:25<br>-607 Apr 10 j 18:48 | 2 γ 34 31<br>0° <b>Υ</b> 34'06         |            |
| 1-                  | -608 May 20 j 20:50 | _  |                    | morning rise     | 1 3  | 0° <b>1</b> 34 06<br>30°R <b>)</b> €   |            |
| asc. node           | -608 Jun 06 j 07:05 | 26° <b>8</b> 41'27   |                    | T' 4             | -607 Apr 13 j 08:45                        | *                                      |            |
|                     | -608 Jun 07 j 21:52 | 0°Ⅱ<br>1°Ⅲ42145  |                    | direct           | -607 Apr 15 j 01:08                        | 29° <b>¥</b> 53'35<br>0° <b>Ƴ</b>      |            |
| morning set         | -608 Jun 08 j 17:49 | 1° <b>Ⅱ</b> 43'45  |                    |                  | -607 Apr 16 j 17:25                        | 0° γ<br>6°Υ53'36                       | 24926142   |
|                     | 600 I 15:21 40      | 1.601.5010.5   | 102/102            | morning max el   | -607 Apr 29 j 00:29                        |  | 24°26'42   |
| superior conj       | -608 Jun 15 j 21:40 | 16° <b>Ⅱ</b> 58'05   | 1°26'03<br>1°25'45 | . ,              | -607 May 15 j 17:04                        | 0° <b>8</b>                            |            |
| minimum elong       | -608 Jun 15 j 19:11 | 16° <b>Ⅱ</b> 44'53   |                    | morning set      | -607 May 24 j 05:45                        | 16° <b>8</b> 42'44                     |            |
| max. Earth dist.    | -608 Jun 18 j 17:15 | 22° <b>I</b> 53'51   | 1.34069 AU         | asc. node        | -607 May 24 j 04:07                        | 16° <b>8</b> 34'07                     |            |
|                     | -608 Jun 22 j 04:34 | 0°95   |                    |                  | -607 May 30 j 09:54                        | $\Pi$ $^{\circ}0$                      |            |
| evening rise        | -608 Jun 23 j 16:14 | 2°957'18   |                    |                  | (07.) ( 21 : 06.15                         | 1017 50122                             | 100012.4   |
|                     | -608 Jul 08 j 23:59 | 0° <b>N</b>  |                    | superior conj    | -607 May 31 j 06:15                        | 1° <b>I</b> I50′22                     | 1°08'34    |
| desc. node          | -608 Jul 16 j 08:40 | 10° <b>Ω</b> 47'43   | 0701.4102          | minimum elong    | -607 May 31 j 03:49                        | 1° <b>Ⅱ</b> 37'12                      |            |
| evening max el      | -608 Jul 28 j 03:50 | 24° <b>Ω</b> 42'23   | 27°14'23           | max. Earth dist. | -607 Jun 01 j 21:47                        | 5° <b>Ⅱ</b> 23'47                      | 1.33128 AU |
|                     | -608 Aug 03 j 22:37 | 0° <b>m</b> )  |                    | evening rise     | -607 Jun 07 j 13:41                        | 17° <b>Ⅱ</b> 16′08                     |            |
| retrograde          | -608 Aug 10 j 13:18 | 2° mp 01'47  |                    |                  | -607 Jun 14 j 03:26                        | 0°©                                    |            |
|                     | -608 Aug 16 j 14:03 | 30°R€  |                    | desc. node       | -607 Jul 03 j 05:42                        | 29°535'47                              |            |
| evening set         | -608 Aug 17 j 13:58 | 29° <b>Ω</b> 16′02   |                    |                  | -607 Jul 03 j 13:30                        | 0°N                                    |            |
| min. Earth dist.    | -608 Aug 21 j 08:23 | 25° <b>Ω</b> 40'46   | 0.64766 AU         | evening max el   | -607 Jul 10 j 13:42                        | 7° <b>Ω</b> 43'14                      | 27°25'05   |
| inferior conj       | -608 Aug 23 j 13:02 | 23° <b>Ω</b> 15'39   |                    | retrograde       | -607 Jul 24 j 06:56                        | 15° <b>Ω</b> 03'12                     |            |
| minimum elong       | -608 Aug 23 j 17:19 | 23° <b>Ω</b> 03'49   | 3°00'29            | evening set      | -607 Jul 31 j 11:56                        | 12° <b>Ω</b> 26'59                     |            |
| morning rise        | -608 Aug 29 j 21:23 | 17° <b>Ω</b> 45'00   |                    | min. Earth dist. | -607 Aug 04 j 01:59                        | 9° <b>Ω</b> 23'37                      |            |
| direct              | -608 Sep 01 j 14:28 | 17° <b>Ω</b> 06'15   |                    | inferior conj    | -607 Aug 06 j 19:54                        | 6° <b>Ω</b> 40'20                      |            |
| asc. node           | -608 Sep 02 j 06:16 | 17° <b>Ω</b> 08'33   |                    | minimum elong    | -607 Aug 07 j 00:31                        | 6° <b>Ω</b> 28'53                      | 3°47'40    |
| morning max el      | -608 Sep 08 j 02:42 | 20° <b>Ω</b> 35′28   | 18°05'30           | morning rise     | -607 Aug 13 j 14:15                        | 1° <b>Ω</b> 27'48                      |            |
|                     | -608 Sep 15 j 05:53 | 0° <b>m</b> )  |                    | direct           | -607 Aug 16 j 03:28                        | 0° <b>Ω</b> 57'02                      |            |
| morning set         | -608 Sep 26 j 00:43 | 17° <b>m</b> 43'51   |                    | asc. node        | -607 Aug 20 j 03:19                        | 2° <b>Ω</b> 13'38                      |            |
|                     | -608 Oct 03 j 10:07 | 0∘ <b>⊽</b>  |                    | morning max el   | -607 Aug 22 j 18:20                        | 4° <b>Ω</b> 22'06                      | 17°53'48   |
|                     |                     | _  |                    | morning set      | -607 Sep 08 j 06:28                        | 29° <b>Ω</b> 57'46                     |            |
| superior conj       | -608 Oct 09 j 20:18 | 10° <b>£</b> 24'33   |                    |                  | -607 Sep 08 j 06:58                        | 0° <b>т</b> р                          |            |
| minimum elong       | -608 Oct 09 j 22:15 | 10° <b>≙</b> 32'24   | 0°16'02            |                  |  |  |            |
| behind sun begin    | -608 Oct 09 j 20:37 | 10° <b>£</b> 25'49   |                    | superior conj    | -607 Sep 20 j 02:31                        | 20°m/20'09                             | 0°57'51    |
| behind sun end      | -608 Oct 09 j 23:54 | 10° <b>△</b> 38'58   |                    | minimum elong    | -607 Sep 20 j 07:32                        | 20° m/41'02                            | 0°57'14    |
| desc. node          | -608 Oct 12 j 08:01 | 14° <b>≙</b> 22'47   |                    |                  | -607 Sep 25 j 23:50                        | 0∘ <b>ত</b>                            |            |
| max. Earth dist.    | -608 Oct 13 j 22:43 |  | 1.44683 AU         | max. Earth dist. | -607 Sep 26 j 14:30                        |  | 1.43666 AU |
|                     | -608 Oct 22 j 06:46 | 0° <b>M</b>  |                    | desc. node       | -607 Sep 29 j 05:02                        | 5° <b>≙</b> 09'17                      |            |
| evening rise        | -608 Oct 26 j 07:49 | 6°M16'15   |                    | evening rise     | -607 Oct 05 j 14:18                        | 15° <b>≙</b> 10'07                     |            |
| greatest brilliancy | -608 Nov 08 j 19:12 | 26°M50'36  | -0.7m              |                  | -607 Oct 15 j 08:28                        | 0°M                                    |            |
|                     | -608 Nov 10 j 22:33 | 0° <b>∡</b> ¹  |                    | evening max el   | -607 Nov 04 j 02:11                        | 26°M39'55                              | 21°00'32   |
| evening max el      | -608 Nov 21 j 01:54 | 13° <b>₹</b> 12'14   | 19°55'13           |                  | -607 Nov 07 j 22:32                        | 0° <b>∡</b>                            |            |
| retrograde          | -608 Nov 28 j 15:27 | 17° <b>∡</b> ³37'38  |                    | retrograde       | -607 Nov 12 j 12:58                        | 1° <b>₹</b> 40'41                      |            |
| asc. node           | -608 Nov 29 j 05:32 | 17° <b>∡</b> ³35'40  |                    | asc. node        | -607 Nov 16 j 02:34                        | 0° <b>≯</b> 28'34                      |            |
| evening set         | -608 Dec 02 j 05:39 | 16° <b>₹</b> 22'12   |                    | evening set      | -607 Nov 16 j 13:00                        | 0° <b>≯</b> 09'43                      |            |
| inferior conj       | -608 Dec 07 j 17:17 | 10° <b>₹</b> 20'42   | 2°37'26            |                  | -607 Nov 16 j 17:57                        | 30°RM₁                                 |            |
| minimum elong       | -608 Dec 07 j 14:29 | 10° <b>₹</b> 30'00   | 2°36'34            | inferior conj    | -607 Nov 21 j 22:08                        | 23°M57'55                              | 1°54'14    |
| min. Earth dist.    | -608 Dec 08 j 15:41 | 9° <b>∡</b> 06'16  | 0.66692 AU         | minimum elong    | -607 Nov 21 j 19:48                        | 24°M05'54                              | 1°53'22    |
| morning rise        | -608 Dec 12 j 23:08 | 4° <b>∡</b> 107'54   |                    | min. Earth dist. | -607 Nov 22 j 08:34                        | 23°M22'06                              | 0.67315 AU |
| direct              | -608 Dec 18 j 21:31 | 1° <b>∡</b> 30′23  |                    | morning rise     | -607 Nov 27 j 02:26                        | 17°M44'08                              |            |
| morning max el      | -608 Dec 30 j 20:04 | 8° <b>∡</b> 36′01  | 25°18'41           | direct           | -607 Dec 02 j 09:43                        | 15°M25'45                              |            |
| desc. node          | -607 Jan 08 j 07:16 | 18° <b>∡</b> ¹26'36  |                    | morning max el   | -607 Dec 13 j 04:43                        | 21°M51'56                              | 23°53'17   |
|                     | -607 Jan 16 j 16:27 | 0°₹  |                    |                  | -607 Dec 20 j 06:27                        | 0° <b>∡</b>                            |            |
|                     | -607 Feb 04 j 04:53 | 0° <b>≈</b>  |                    | desc. node       | -607 Dec 26 j 04:19                        | 7° <b>∡</b> 750'56                     |            |
| morning set         | -607 Feb 05 j 02:09 | 1°≈35'29   |                    |                  | -606 Jan 09 j 23:53                        | 0° <b>궁</b>                            |            |
| max. Earth dist.    | -607 Feb 08 j 19:31 | 8° <b>≈</b> 26′29  | 1.36518 AU         | morning set      | -606 Jan 17 j 17:46                        | 12° <b>る</b> 48'45                     |            |
|                     |                     |  |                    | max. Earth dist. | -606 Jan 21 j 15:06                        | 19° <b>る</b> 35'35                     | 1.38526 AU |
| superior conj       | -607 Feb 14 j 19:38 | 20°≈02'24  |                    |                  | -606 Jan 27 j 08:09                        | 0° <b>≈</b>                            |            |
| minimum elong       | -607 Feb 14 j 23:23 | 20°≈20'59  | 1°31'47            |                  |  |  |            |
|                     | -607 Feb 19 j 18:25 | 0° <b>\</b>  |                    | superior conj    | -606 Jan 28 j 21:50                        | 2° <b>≈</b> 57'18                      |            |
| evening rise        | -607 Feb 23 j 00:08 | 6° <b>∺</b> 34'11  |                    | minimum elong    | -606 Jan 29 j 01:07                        | 3°≈12'50                               | 1°50'13    |
| asc. node           | -607 Feb 25 j 04:51 | 10° <b>¥</b> 57'50   |                    | evening rise     | -606 Feb 06 j 21:26                        | 20°≈23′20                              |            |
|                     | -607 Mar 08 j 07:15 | $0^{\circ}$ Y  |                    |                  | -606 Feb 11 j 21:44                        | 0° <b>∀</b>                            |            |
| evening max el      | -607 Mar 12 j 10:39 | 4° <b>Y</b> 46'12  | 19°42'57           | asc. node        | -606 Feb 12 j 01:53                        | 0° <b>∺</b> 19'13                      |            |
| retrograde          | -607 Mar 22 j 04:27 | 9° <b>Y</b> 26′18  |                    | evening max el   | -606 Feb 23 j 08:47                        | 16° <b>¥</b> 57'52                     | 18°51'20   |
| evening set         | -607 Mar 24 j 08:02 | 9° <b>Ƴ</b> 13'40  |                    | retrograde       | -606 Mar 03 j 14:50                        | 20° <b>) ₹</b> 57'14                   |            |
|                     |                     |  |                    |                  |  |  |            |

| ,                                 | ,  |                        |                  | //               | 901 BCE in historical cou | , ,                    | 50 130     |
|-----------------------------------|--|------------------------|------------------|------------------|---------------------------|------------------------|------------|
| evening set                       | -606 Mar 05 j 22:34                        | 20° <b>₩</b> 39'32     | uon onomicai coa | evening set      | -605 Feb 16 j 08:34       | 2° <b>)</b> 48'25      |            |
| inferior conj                     | -606 Mar 13 j 19:29                        | 16° <b>∺</b> 20'51     | 2°38'41          | evening sec      | -605 Feb 21 i 05:48       | 30°R≈                  |            |
| minimum elong                     | -606 Mar 13 j 23:56                        | 16° <b>)</b> 12'46     |                  | inferior conj    | -605 Feb 23 j 12:09       |                        | 3°30'15    |
| min. Earth dist.                  | -606 Mar 17 j 01:42                        | 13° <b>)</b> 59'54     | 0.57360 AU       | minimum elong    | -605 Feb 23 j 15:08       | 28°≈02'51              | 3°29'49    |
| morning rise                      | -606 Mar 21 j 22:19                        | 11° <b>)</b> (11'43    | 0.57500710       | min. Earth dist. | -605 Feb 26 j 22:11       | 25°≈16'57              | 0.59349 AU |
| desc. node                        | -606 Mar 24 j 03:28                        | 10° <b>)</b> (25'45    |                  | morning rise     | -605 Mar 02 j 19:25       | 22°≈35'12              | 0.57547 AC |
| direct                            | -606 Mar 27 j 08:18                        | 10° <del>X</del> 23°43 |                  | direct           | -605 Mar 09 j 04:33       | 22 ≈33 12<br>20°≈45'57 |            |
| morning max el                    | -606 Apr 10 j 15:57                        | 17° <b>)</b> 28'46     | 25°58'49         | desc. node       | -605 Mar 11 j 00:32       | 20°≈54'45              |            |
| morning max ci                    | -606 Apr 20 j 23:58                        | 0°Υ                    | 23 36 47         | morning max el   | -605 Mar 23 j 11:46       | 28°≈28'27              | 27007/41   |
|                                   | -606 May 07 j 22:03                        | 0°8                    |                  | morning max cr   | -605 Mar 24 j 23:51       | 0° <b>\</b>            | 27 07 41   |
| morning set                       | -606 May 08 j 17:19                        | 1° <b>8</b> 40'44      |                  |                  | -605 Apr 14 j 16:03       | 0° <b>Υ</b>            |            |
| asc. node                         | -606 May 11 j 01:10                        | 6° <b>8</b> 38'09      |                  | morning set      | -605 Apr 23 j 02:48       | 16° <b>Ƴ</b> 30'51     |            |
| asc. Houe                         | -000 May 11 J 01.10                        | 0 03809                |                  | asc. node        | -605 Apr 27 j 22:14       | 26° <b>Y</b> 48'00     |            |
| avmariar aani                     | 606 May 15 : 17:20                         | 16° <b>8</b> 49'32     | 0°47'37          | asc. node        |                           | 0° <b>8</b>            |            |
| superior conj                     | -606 May 15 j 17:20<br>-606 May 15 j 15:25 | 16° <b>8</b> 39'02     | 0°47'14          |                  | -605 Apr 29 j 09:21       | 0.0                    |            |
| minimum elong<br>max. Earth dist. | , ,  |                        | 1.32568 AU       | aumorior comi    | 605 Amr. 20:05:07         | 1° <b>8</b> 48'24      | 0924100    |
| max. Earm dist.                   | -606 May 16 j 08:13                        | 0° <b>Ⅱ</b>            | 1.32308 AU       | superior conj    | -605 Apr 30 j 05:07       | 1° <b>8</b> 42'37      |            |
|                                   | -606 May 21 j 19:58                        |                        |                  | minimum elong    | -605 Apr 30 j 04:04       |                        |            |
| evening rise                      | -606 May 22 j 18:10                        | 1° <b>I</b> 55'51      |                  | max. Earth dist. | -605 Apr 29 j 21:04       | 1° <b>8</b> 04'17      | 1.32370 AU |
|                                   | -606 Jun 07 j 01:58                        | 0°95                   |                  | evening rise     | -605 May 07 j 03:05       | 16° <b>8</b> 47'02     |            |
| desc. node                        | -606 Jun 20 j 02:43                        | 17°524'26              | 27002120         |                  | -605 May 13 j 17:37       | 0° <b>I</b> I          |            |
| evening max el                    | -606 Jun 22 j 19:26                        | 20°508'45              | 27°03'28         |                  | -605 Jun 02 j 22:45       | 0.ee                   | 2 (000121  |
| retrograde                        | -606 Jul 06 j 17:50                        | 27°526'34              |                  | evening max el   | -605 Jun 04 j 19:00       | 1°950'47               | 26°09'31   |
| evening set                       | -606 Jul 13 j 17:41                        | 25°5514'10             |                  | desc. node       | -605 Jun 06 j 23:46       | 3°548'47               |            |
| min. Earth dist.                  | -606 Jul 17 j 09:28                        | 22°531'19              | 0.61254 AU       | retrograde       | -605 Jun 18 j 20:11       | 9°504'29               |            |
| inferior conj                     | -606 Jul 20 j 14:05                        | 19° <b>©</b> 43'50     |                  | evening set      | -605 Jun 25 j 02:43       | 7° <b>©</b> 27'54      |            |
| minimum elong                     | -606 Jul 20 j 17:39                        | 19° <b>©</b> 36'00     | 4°24'08          | min. Earth dist. | -605 Jun 29 j 07:54       | 4°5649'01              | 0.59200 AU |
| morning rise                      | -606 Jul 27 j 19:18                        | 14° <b>©</b> 52'01     |                  | inferior conj    | -605 Jul 02 j 15:59       | 2° <b>©</b> 16'53      |            |
| direct                            | -606 Jul 30 j 06:56                        | 14° <b>©</b> 26'46     |                  | minimum elong    | -605 Jul 02 j 16:33       | 2° <b>©</b> 15'49      | 4°41'13    |
| morning max el                    | -606 Aug 06 j 08:03                        | 17° <b>©</b> 56'39     | 18°00'41         |                  | -605 Jul 05 j 19:40       | 30°RⅡ                  |            |
| asc. node                         | -606 Aug 07 j 00:22                        | 18° <b>©</b> 37'54     |                  | morning rise     | -605 Jul 10 j 08:38       | 27° <b>∏</b> 47'14     |            |
|                                   | -606 Aug 14 j 23:53                        | $0$ $^{\circ}\Omega$   |                  | direct           | -605 Jul 12 j 20:43       | 27° <b>Ⅱ</b> 25'42     |            |
| morning set                       | -606 Aug 22 j 06:31                        | 13° <b>Ω</b> 04'13     |                  |                  | -605 Jul 19 j 08:23       | 0ංම                    |            |
|                                   | -606 Aug 31 j 14:14                        | 0° <b>m</b> )          |                  | morning max el   | -605 Jul 20 j 16:50       | 1°510'44               | 18°27'23   |
|                                   |  |                        |                  | asc. node        | -605 Jul 24 j 21:26       | 6°≌06'02               |            |
| superior conj                     | -606 Sep 01 j 12:08                        | 1°Mp36'31              | 1°26'32          | morning set      | -605 Aug 05 j 19:50       | 26°549'59              |            |
| minimum elong                     | -606 Sep 01 j 16:33                        | 1° <b>m</b> 55'57      | 1°26'07          |                  | -605 Aug 07 j 11:22       | $0^{\circ}\Omega$      |            |
| max. Earth dist.                  | -606 Sep 09 j 01:01                        | 14° <b>m</b> 28'58     | 1.42096 AU       |                  |                           |                        |            |
| evening rise                      | -606 Sep 15 j 04:25                        | 24° Mp 27'38           |                  | superior conj    | -605 Aug 14 j 21:12       | 14° <b>Ω</b> 02'58     |            |
| desc. node                        | -606 Sep 16 j 02:04                        | 25° <b>m</b> 53'27     |                  | minimum elong    | -605 Aug 14 j 23:31       | 14° <b>Ω</b> 13'39     | 1°42'17    |
|                                   | -606 Sep 18 j 16:57                        | 0∘ <b>ত</b>            |                  | max. Earth dist. | -605 Aug 22 j 06:30       | 27° <b>Ω</b> 17'45     | 1.40184 AU |
|                                   | -606 Oct 09 j 08:29                        | 0°M₊                   |                  |                  | -605 Aug 23 j 20:13       | 0° <b>m</b> ∕          |            |
| evening max el                    | -606 Oct 17 j 20:47                        | 10°M08′24              | 22°15'50         | evening rise     | -605 Aug 26 j 16:09       | 4° Mp 46′27            |            |
| retrograde                        | -606 Oct 27 j 08:48                        | 15° <b>M</b> 47'25     |                  | desc. node       | -605 Sep 02 j 23:06       | 16° Mp 31'45           |            |
| evening set                       | -606 Oct 31 j 20:43                        | 13° <b>M</b> 59'13     |                  |                  | -605 Sep 11 j 21:53       | 0∘ <b>⊽</b>            |            |
| asc. node                         | -606 Nov 02 j 23:36                        | 11° <b>M</b> 53'05     |                  | evening max el   | -605 Sep 30 j 10:56       |                        | 23°35'54   |
| inferior conj                     | -606 Nov 06 j 04:55                        | 7° <b>M</b> 40'47      | 1°05'36          | retrograde       | -605 Oct 11 j 01:33       | 29° <b>≏</b> 55'20     |            |
| minimum elong                     | -606 Nov 06 j 03:27                        | 7° <b>M</b> 45'52      | 1°04'59          | evening set      | -605 Oct 16 j 03:09       | 27° <b>≏</b> 48'51     |            |
| min. Earth dist.                  | -606 Nov 06 j 04:32                        | 7°M42'05               | 0.67604 AU       | asc. node        | -605 Oct 20 j 20:39       | 22° <b>≏</b> 19'27     |            |
| morning rise                      | -606 Nov 11 j 10:01                        | 1°M28'21               |                  | inferior conj    | -605 Oct 21 j 11:50       | 21° <b>£</b> 27'36     | 0°13'07    |
|                                   | -606 Nov 13 j 18:30                        | 30°Ŗ <b>죠</b>          |                  | minimum elong    | -605 Oct 21 j 11:32       | 21° <b>≏</b> 28'40     | 0°12'58    |
| direct                            | -606 Nov 16 j 02:16                        | 29° <b>≏</b> 32'05     |                  | transit middle   | -605 Oct 21 j 11:32       | 21° <b>≏</b> 28'40     | 0°12'58    |
|                                   | -606 Nov 18 j 13:17                        | 0°M₊                   |                  | transit begin    | -605 Oct 21 j 09:53       | 21° <b>≏</b> 34'17     |            |
| morning max el                    | -606 Nov 25 j 15:39                        | 5° <b>™</b> 11'59      | 22°25'54         | transit end      | -605 Oct 21 j 13:10       | 21° <b>£</b> 23′03     |            |
| desc. node                        | -606 Dec 13 j 01:21                        | 27°M43'46              |                  | min. Earth dist. | -605 Oct 21 j 01:07       | 22° <b>≏</b> 04'13     | 0.67576 AU |
|                                   | -606 Dec 14 j 14:34                        | 0° <b>∡</b> 7          |                  | morning rise     | -605 Oct 26 j 19:49       | 15° <b>≏</b> 19'10     |            |
| morning set                       | -606 Dec 29 j 05:07                        | 22° <b>҂</b> 37'53     |                  | direct           | -605 Oct 30 j 22:08       | 13° <b>≏</b> 44'57     |            |
|                                   | -605 Jan 02 j 16:00                        | 0°る                    |                  | morning max el   | -605 Nov 08 j 08:26       |                        | 21°04'41   |
| max. Earth dist.                  | -605 Jan 03 j 11:25                        | 1° <b>る</b> 21'51      | 1.40642 AU       |                  | -605 Nov 17 j 13:37       | 0° <b>M</b>            |            |
|                                   |  |                        |                  | desc. node       | -605 Nov 29 j 22:24       | 17°M57'14              |            |
| superior conj                     | -605 Jan 11 j 06:44                        | 14° <b>る</b> 58'38     |                  |                  | -605 Dec 07 j 18:52       | 0° <b>∡</b> ¹          |            |
| minimum elong                     | -605 Jan 11 j 07:49                        | 15° <b>る</b> 03'30     | 2°00'16          | morning set      | -605 Dec 08 j 13:11       | 1° <b>⊀</b> 11'36      |            |
|                                   | -605 Jan 19 j 10:16                        | 0° <b>≈</b>            |                  | max. Earth dist. | -605 Dec 16 j 14:50       | 14° <b>∡</b> °05′16    | 1.42570 AU |
| evening rise                      | -605 Jan 21 j 08:34                        | 3° <b>≈</b> 37'45      |                  |                  |                           |                        |            |
| asc. node                         | -605 Jan 29 j 22:57                        | 19° <b>≈</b> 13′05     |                  | superior conj    | -605 Dec 23 j 16:56       | 25° <b>₹</b> 53'55     |            |
| evening max el                    | -605 Feb 06 j 14:45                        | 29° <b>≈</b> 39'11     | 18°19'41         | minimum elong    | -605 Dec 23 j 13:50       | 25° <b>х¹</b> 40'46    | 1°57'22    |
|                                   | -605 Feb 06 j 23:30                        | 0° <b>∀</b>            |                  |                  | -605 Dec 26 j 02:20       | 0°ප                    |            |
| retrograde                        | -605 Feb 13 j 19:48                        | 3° <b>)</b> 13′45      |                  | evening rise     | -604 Jan 04 j 05:51       | 16° <b>る</b> 10'10     |            |
|                                   |  |                        |                  |                  |                           |                        |            |

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|---|---|---|---|--|---|---|--|
| Attention, astronom   |   | -   | astronomical cou  |  | 901 BCE in historical cou   |   |  |
| _   | -604 Jan 12 j 01:37   | 0° <b>≈</b>   |   | evening rise   | -604 Dec 16 j 08:53   | 27° <b>∡</b> ′51'48   |  |
| asc. node   | -604 Jan 16 j 19:59   | 7° <b>≈</b> 31'01   |   |  | -604 Dec 17 j 14:53   | 0° <b>ろ</b>   |  |
| evening max el  | -604 Jan 21 j 01:28   | 12° <b>≈</b> 41'47  | 18°07'47  | asc. node  | -603 Jan 02 j 17:01   | 25° <b>පි</b> 02'03   |  |
| retrograde  | -604 Jan 27 j 16:58   | 16° <b>≈</b> 07'10  |   | evening max el   | -603 Jan 03 j 13:56   | 25° <b>る</b> 57'36  | 18°15'10   |
| evening set   | -604 Jan 30 j 10:06   | 15° <b>≈</b> 32'58  |   | retrograde   | -603 Jan 10 j 01:48   | 29° <b>る</b> 27'04  |  |
| inferior conj   | -604 Feb 05 j 23:40   | 10° <b>≈</b> 32'14  | 3°50'57   | evening set  | -603 Jan 12 j 23:14   | 28° <b>る</b> 43'11  |  |
| minimum elong   | -604 Feb 06 j 00:19   | 10° <b>≈</b> 30'38  | 3°50'55   | inferior conj  | -603 Jan 19 j 02:12   | 23° <b>る</b> 22'19  | 3°48'36  |
| min. Earth dist.  | -604 Feb 09 j 01:26   | 7° <b>≈</b> 33'35   | 0.61440 AU  | minimum elong  | -603 Jan 19 j 00:55   | 23° <b>る</b> 25'52  | 3°48'29  |
| morning rise  | -604 Feb 12 j 13:11   | 4° <b>≈</b> 41'54   |   | min. Earth dist.   | -603 Jan 21 j 13:59   | 20° <b>る</b> 38'48  | 0.63353 AU   |
| direct  | -604 Feb 19 j 11:01   | 2°≈18'34  |   | morning rise   | -603 Jan 25 j 01:52   | 17° <b>る</b> 21'32  |  |
| desc. node  | -604 Feb 25 j 21:36   | 4°≈08'35  |   | direct   | -603 Feb 01 j 01:46   | 14° <b>る</b> 36'21  |  |
| morning max el  | -604 Mar 04 j 13:50   | 10° <b>≈</b> 07'38  | 27°42'58  | desc. node   | -603 Feb 11 j 18:38   | 19° <b>る</b> 35'48  |  |
|   | -604 Mar 20 j 00:59   | 0° <b>)</b> €   | _,,   | morning max el   | -603 Feb 14 j 21:06   | 22° <b>る</b> 26'51  | 27°41'22   |
|   | -604 Apr 05 j 19:15   | 0°Υ   |   |  | -603 Feb 21 j 13:40   | 0° <b>≈</b>   | _,   |
| morning set   | -604 Apr 06 j 08:16   | 1° <b>Υ</b> 06'30   |   |  | -603 Mar 13 j 05:02   | 0° <b>)</b> €   |  |
| •   |   | 13° <b>Υ</b> 50'16  | 1.32534 AU  | marning got  | ,   | 15° <b>¥</b> 20'06  |  |
| max. Earth dist.  | -604 Apr 12 j 08:32   | 13 1 30 10  | 1.32334 AU  | morning set  | -603 Mar 21 j 07:25   |   | 1 22001 ATT  |
|   |   | 1.6000.4410.4   | 0001120   | max. Earth dist.   | -603 Mar 26 j 14:39   | 26° <b>)</b> €15'44   | 1.33081 AU   |
| superior conj   | -604 Apr 13 j 15:55   | 16° <b>Ƴ</b> 41'01  |   |  | -603 Mar 28 j 08:47   | $0^{\circ}\Upsilon$   |  |
| minimum elong   | -604 Apr 13 j 15:59   | 16° <b>Ƴ</b> 41'23  | 0°01'29   |  |   |   |  |
| behind sun begin  | -604 Apr 13 j 10:55   | 16° <b>Ƴ</b> 13'45  |   | superior conj  | -603 Mar 29 j 00:00   | 1° <b>Y</b> 21'38   |  |
| behind sun end  | -604 Apr 13 j 21:03   | 17° <b>Ƴ</b> 09'02  |   | minimum elong  | -603 Mar 29 j 01:20   | 1° <b>Y</b> 28'47   | 0°27'42  |
| asc. node   | -604 Apr 13 j 19:18   | 16° <b>Ƴ</b> 59'30  |   | asc. node  | -603 Mar 31 j 16:21   | 7° <b>Y</b> ′08'37  |  |
|   | -604 Apr 19 j 19:05   | $B_{\circ 0}$   |   | evening rise   | -603 Apr 05 j 02:08   | 16° <b>Ƴ</b> 35'13  |  |
| evening rise  | -604 Apr 20 j 14:21   | 1° <b>8</b> 42'21   |   |  | -603 Apr 11 j 18:53   | 0°B   |  |
| C   | -604 May 06 j 02:02   | $\Pi^{\circ}0$  |   | evening max el   | -603 Apr 28 j 02:56   | 23° <b>8</b> 27'45  | 23°15'26   |
| evening max el  | -604 May 16 j 12:12   | 12° <b>Ⅱ</b> 50′51  | 24°49'17  | <i>5</i>   | -603 May 09 j 09:22   | 0°П   |  |
| desc. node  | -604 May 23 j 20:48   | 18° <b>Ⅱ</b> 15'46  | 21 1717   | desc. node   | -603 May 10 j 17:50   | 0° <b>П</b> 09'34   |  |
| retrograde  | -604 May 30 j 11:37   | 19° <b>Ⅲ</b> 55'54  |   | retrograde   | -603 May 10 j 17:50   | 0° <b>Д</b> 11'19   |  |
|   |   | 19 <b>П</b> 55 54   |   | retrograde   |   | 30°R <b>႘</b>   |  |
| evening set   | -604 Jun 04 j 12:49   |   | 0.57260 411   |  | -603 May 13 j 21:03   |   |  |
| min. Earth dist.  | -604 Jun 09 j 23:47   | 16° <b>Ⅱ</b> 06'15  | 0.57260 AU  | evening set  | -603 May 15 j 05:39   | 29° <b>8</b> 42'38  | 0.55565.433  |
| inferior conj   | -604 Jun 12 j 22:26   | 14° <b>Ⅱ</b> 09'57  |   | min. Earth dist.   | -603 May 22 j 12:50   | 26° <b>8</b> 24'47  | 0.55765 AU   |
| minimum elong   | -604 Jun 12 j 18:30   | 14° <b>∏</b> 16′29  | 4°26'33   | inferior conj  | -603 May 24 j 09:09   | 25° <b>8</b> 19'42  |  |
| morning rise  | -604 Jun 21 j 02:58   | 10° <b>Ⅱ</b> 01'13  |   | minimum elong  | -603 May 24 j 02:09   | 25° <b>8</b> 30'02  | 3°28'49  |
| direct  | -604 Jun 23 j 16:47   | 9° <b>Ⅱ</b> 42'17   |   | morning rise   | -603 Jun 02 j 01:21   | 21° <b>8</b> 24'32  |  |
| morning max el  | -604 Jul 02 j 17:42   | 13° <b>Ⅲ</b> 55′01  | 19°14'51  | direct   | -603 Jun 04 j 17:44   | 21° <b>8</b> 07'06  |  |
| asc. node   | -604 Jul 10 j 18:31   | 24° <b>Ⅲ</b> 23'45  |   | morning max el   | -603 Jun 15 j 08:26   | 26° <b>8</b> 01'47  | 20°23'07   |
|   | -604 Jul 14 j 00:08   | 0°€   |   |  | -603 Jun 19 j 00:40   | $\Pi^{\circ}0$  |  |
| morning set   | -604 Jul 19 j 18:27   | 11° <b>©</b> 04'22  |   | asc. node  | -603 Jun 27 j 15:35   | 13° <b>Ⅱ</b> 19'35  |  |
| Z .   | J   |   |   | morning set  | -603 Jul 03 j 23:31   | 25° <b>Ⅱ</b> 40′01  |  |
| superior conj   | -604 Jul 27 j 24:00   | 27° <b>©</b> 23'14  | 1°47'30   |  | -603 Jul 06 j 02:14   | 0.ಪ   |  |
| minimum elong   | -604 Jul 28 j 00:10   | 27°524'05   | 1°47'31   |  | 005 041 00 , 02.11  | • •   |  |
| minimum ciong   | -604 Jul 29 j 08:27   | 0°Ω   | 1 1/31  | superior conj  | -603 Jul 11 j 15:34   | 11° <b>©</b> 23'43  | 1°44'08  |
| max. Earth dist.  | -604 Aug 03 j 09:34   | 9° <b>Ω</b> 27'40   | 1.38180 AU  | minimum elong  | -005 Jul 11 J 15.54   | 11 3023 43  | 1 44 00  |
|   | -604 Aug 07 j 04:53   |   | 1.36160 AU  |  | 602 Jul 11 : 14:11  | 1106316142  | 1944!05  |
| evening rise  |   |   |   | •  | -603 Jul 11 j 14:11   | 11°5016'42  | 1°44'05  |
|   |   | 16° <b>Ω</b> 16′20  |   | max. Earth dist.   | -603 Jul 16 j 15:34   | 21° <b>©</b> 17'49  | 1°44'05<br>1.36326 AU  |
|   | -604 Aug 15 j 09:10   | 0° <b>m</b>   |   | •  | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38  | 21°©17'49<br>28°©51'11  |  |
| desc. node  | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07  | 0° <b>т</b><br>6° <b>т</b> 59'25                                    |   | max. Earth dist.<br>evening rise   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37   | 21°©17'49<br>28°©51'11<br>0° <b>Ω</b>   |  |
|   | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25   | 0° Mp<br>6° Mp 59′25<br>0° <u>Ф</u>                                 |   | max. Earth dist.   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08  | 21°\$17'49<br>28°\$51'11<br>0°\$<br>27°\$\Omega11'14  |  |
| desc. node evening max el   | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41  | 0° <b>т</b><br>6° <b>т</b> 59'25                                    | 24°54'12  | max. Earth dist.<br>evening rise   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37   | 21°\$17'49<br>28°\$51'11<br>0°\$\Omega\$<br>27°\$\Omega\$11'14<br>0°\$\Omega\$  | 1.36326 AU   |
|   | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25   | 0° Mp<br>6° Mp 59′25<br>0° <u>Ф</u>                                 | 24°54'12  | max. Earth dist.<br>evening rise   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02  | 21°\$17'49<br>28°\$51'11<br>0°\$<br>27°\$\Omega11'14  | 1.36326 AU   |
| evening max el  | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41  | 0° M)<br>6° M) 59'25<br>0° Ω<br>7° Ω 13'47                          | 24°54'12  | max. Earth dist.<br>evening rise<br>desc. node   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11   | 21°\$17'49<br>28°\$51'11<br>0°\$\Omega\$<br>27°\$\Omega\$11'14<br>0°\$\Omega\$  | 1.36326 AU   |
| evening max el retrograde   | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15   | 0°സ<br>6°സ59'25<br>0°ഹ<br>7°ഹ13'47<br>14°ഹ00'01                     | 24°54'12<br>0.67231 AU  | max. Earth dist. evening rise  desc. node evening max el   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02  | 21°S17'49<br>28°S51'11<br>0°N<br>27°N11'14<br>0°M<br>20°M49'41  | 1.36326 AU   |
| evening max el<br>retrograde<br>evening set   | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51   | 0° M<br>6° M 59'25<br>0° മ<br>7° മ13'47<br>14° മ00'01<br>11° മ35'58 | 0.67231 AU  | max. Earth dist. evening rise  desc. node  evening max el retrograde   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08  | 21°\$17'49<br>28°\$51'11<br>0°\$\Omega\$27°\$\Omega\$11'14<br>0°\$\Omega\$20°\$\Omega\$49'41<br>27°\$\Omega\$57'02  | 1.36326 AU   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj  | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51<br>-604 Oct 04 j 17:10  | 0° ነው<br>6° ነው 59'25<br>0° ፡  | 0.67231 AU<br>-0°41'47  | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist.  | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26   | 21°\$17'49<br>28°\$51'11<br>0°\$\Omega\$27°\$\Omega\$11'14<br>0°\$\Omega\$20°\$\Omega\$49'41<br>27°\$\Omega\$57'02<br>25°\$\Omega\$18'42<br>20°\$\Omega\$45'15  | 1.36326 AU<br>26°03'09<br>0.66556 AU   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong   | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51<br>-604 Oct 04 j 17:10<br>-604 Oct 04 j 18:12   | 0° ነው<br>6° ነው 59'25<br>0°  | 0.67231 AU<br>-0°41'47  | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj  | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26<br>-603 Sep 18 j 19:07  | 21°S17'49 28°S51'11 0° $\Omega$ 27° $\Omega$ 11'14 0° $\Omega$ 20° $\Omega$ 49'41 27° $\Omega$ 57'02 25° $\Omega$ 18'42 20° $\Omega$ 45'15 19° $\Omega$ 02'58   | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28                             |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj  | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51<br>-604 Oct 04 j 17:10<br>-604 Oct 06 j 17:42   | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47  | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong  | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26<br>-603 Sep 18 j 19:07<br>-603 Sep 18 j 21:33   | 21°S17'49 28°S51'11 0° $\Omega$ 27° $\Omega$ 11'14 0° $\Omega$ 20° $\Omega$ 49'41 27° $\Omega$ 57'02 25° $\Omega$ 18'42 20° $\Omega$ 45'15 19° $\Omega$ 902'58 18° $\Omega$ 55'19   | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28                             |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node  | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51<br>-604 Oct 04 j 17:10<br>-604 Oct 06 j 17:42<br>-604 Oct 09 j 06:16  | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47  | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node  | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26<br>-603 Sep 18 j 19:07<br>-603 Sep 18 j 21:33<br>-603 Sep 23 j 14:45  | 21°S17'49 28°S51'11 0°N 27°N11'14 0°M 20°M49'41 27°M57'02 25°M18'42 20°M45'15 19°M02'58 18°M55'19 13°M551'31  | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28                             |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node  | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51<br>-604 Oct 04 j 17:10<br>-604 Oct 06 j 17:42<br>-604 Oct 09 j 06:16<br>-604 Oct 10 j 05:53   | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47  | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26<br>-603 Sep 18 j 19:07<br>-603 Sep 18 j 21:33<br>-603 Sep 23 j 14:45<br>-603 Sep 24 j 14:17   | 21°S17'49 28°S51'11 0°N 27°N11'14 0° M 20° M49'41 27° M57'02 25° M18'42 20° M45'15 19° M02'58 18° M55'19 13° M51'31 13° M10'54  | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28                             |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node  | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51<br>-604 Oct 04 j 17:10<br>-604 Oct 04 j 17:42<br>-604 Oct 09 j 06:16<br>-604 Oct 10 j 05:53<br>-604 Oct 13 j 19:57  | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47  | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct  | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26<br>-603 Sep 18 j 19:07<br>-603 Sep 18 j 21:33<br>-603 Sep 23 j 14:45<br>-603 Sep 24 j 14:17<br>-603 Sep 27 j 18:14  | 21°S17'49 28°S51'11 0°A 27°A11'14 0°M 20°M49'41 27°M57'02 25°M18'42 20°M45'15 19°M02'58 18°M55'19 13°M51'31 13°M10'54 12°M13'25   | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28<br>1°36'29                  |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct                                | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51<br>-604 Oct 04 j 17:10<br>-604 Oct 04 j 18:12<br>-604 Oct 09 j 06:16<br>-604 Oct 10 j 05:53<br>-604 Oct 13 j 19:57<br>-604 Oct 18 j 18:24   | 0° ነው<br>6° ነው 59'25<br>0°  | 0.67231 AU<br>-0°41'47<br>0°41'21                                       | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26<br>-603 Sep 18 j 21:33<br>-603 Sep 23 j 14:45<br>-603 Sep 24 j 14:17<br>-603 Sep 27 j 18:14<br>-603 Oct 04 j 16:23  | 21°\$17'49 28°\$51'11 0°\$\Omega\$ 27°\$\Omega\$11'14 0°\$\mathred{m}\$ 20°\$\mathred{m}\$49'41 27°\$\mathred{m}\$57'02 25°\$\mathred{m}\$18'42 20°\$\mathred{m}\$45'15 19°\$\mathred{m}\$02'58 18°\$\mathred{m}\$55'19 13°\$\mathred{m}\$51'31 13°\$\mathred{m}\$10'54 12°\$\mathred{m}\$13'25 16°\$\mathred{m}\$06'24   | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28                             |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node  | -604 Aug 15 j 09:10<br>-604 Aug 19 j 20:07<br>-604 Sep 05 j 10:25<br>-604 Sep 11 j 22:41<br>-604 Sep 23 j 14:15<br>-604 Sep 29 j 06:35<br>-604 Oct 03 j 19:51<br>-604 Oct 04 j 17:10<br>-604 Oct 04 j 18:12<br>-604 Oct 09 j 06:16<br>-604 Oct 10 j 05:53<br>-604 Oct 13 j 19:57<br>-604 Oct 18 j 18:24<br>-604 Oct 21 j 08:49  | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47  | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26<br>-603 Sep 18 j 19:07<br>-603 Sep 18 j 21:33<br>-603 Sep 23 j 14:45<br>-603 Sep 24 j 14:17<br>-603 Sep 27 j 18:14<br>-603 Oct 04 j 16:23<br>-603 Oct 15 j 02:30                        | 21°\$17'49 28°\$51'11 0°\$\alpha\$ 27°\$\alpha\$11'14 0°\$\mathred{m}\$ 20°\$\mathred{m}\$49'41 27°\$\mathred{m}\$57'02 25°\$\mathred{m}\$18'42 20°\$\mathred{m}\$45'15 19°\$\mathred{m}\$02'58 18°\$\mathred{m}\$55'19 13°\$\mathred{m}\$51'31 13°\$\mathred{m}\$10'54 12°\$\mathred{m}\$13'25 16°\$\mathred{m}\$06'24 0°\$\sigma\$  | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28<br>1°36'29                  |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -604 Aug 15 j 09:10 -604 Aug 19 j 20:07 -604 Sep 05 j 10:25 -604 Sep 11 j 22:41 -604 Sep 23 j 14:15 -604 Sep 29 j 06:35 -604 Oct 03 j 19:51 -604 Oct 04 j 17:10 -604 Oct 04 j 17:42 -604 Oct 09 j 06:16 -604 Oct 10 j 05:53 -604 Oct 13 j 19:57 -604 Oct 18 j 18:24 -604 Oct 21 j 08:49 -604 Nov 10 j 07:56   | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47<br>0°41'21                                       | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -603 Jul 16 j 15:34<br>-603 Jul 20 j 15:38<br>-603 Jul 21 j 06:37<br>-603 Aug 06 j 17:08<br>-603 Aug 08 j 15:11<br>-603 Aug 25 j 10:02<br>-603 Sep 06 j 22:22<br>-603 Sep 13 j 05:08<br>-603 Sep 17 j 10:26<br>-603 Sep 18 j 19:07<br>-603 Sep 18 j 21:33<br>-603 Sep 23 j 14:45<br>-603 Sep 24 j 14:17<br>-603 Sep 27 j 18:14<br>-603 Oct 04 j 16:23<br>-603 Oct 15 j 02:30<br>-603 Oct 26 j 19:36 | 21°\$17'49 28°\$51'11 0°\$\alpha\$ 27°\$\alpha\$11'14 0°\$\mathred{m}\$ 20°\$\mathred{m}\$49'41 27°\$\mathred{m}\$57'02 25°\$\mathred{m}\$18'42 20°\$\mathred{m}\$45'15 19°\$\mathred{m}\$02'58 18°\$\mathred{m}\$55'19 13°\$\mathred{m}\$51'31 13°\$\mathred{m}\$10'54 12°\$\mathred{m}\$13'25 16°\$\mathred{m}\$06'24 0°\$\mathred{\alpha}\$ 18°\$\mathred{m}\$14'49  | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28<br>1°36'29                  |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el desc. node                              | -604 Aug 15 j 09:10 -604 Aug 19 j 20:07 -604 Sep 05 j 10:25 -604 Sep 11 j 22:41 -604 Sep 23 j 14:15 -604 Sep 29 j 06:35 -604 Oct 03 j 19:51 -604 Oct 04 j 17:10 -604 Oct 06 j 17:42 -604 Oct 09 j 06:16 -604 Oct 10 j 05:53 -604 Oct 13 j 19:57 -604 Oct 18 j 18:24 -604 Oct 21 j 08:49 -604 Nov 10 j 07:56 -604 Nov 15 j 19:25   | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47<br>0°41'21                                       | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -603 Jul 16 j 15:34 -603 Jul 20 j 15:38 -603 Jul 21 j 06:37 -603 Aug 06 j 17:08 -603 Aug 08 j 15:11 -603 Aug 25 j 10:02 -603 Sep 06 j 22:22 -603 Sep 13 j 05:08 -603 Sep 17 j 10:26 -603 Sep 18 j 19:07 -603 Sep 18 j 21:33 -603 Sep 23 j 14:45 -603 Sep 24 j 14:17 -603 Sep 27 j 18:14 -603 Oct 04 j 16:23 -603 Oct 15 j 02:30 -603 Oct 26 j 19:36 -603 Nov 02 j 16:26                             | 21°\$17'49 28°\$51'11 0°\$\mathcal{O}\$27°\$\mathcal{O}\$11'14 0°\$\mathcal{O}\$20°\$\mathcal{m}\$49'41 27°\$\mathcal{m}\$57'02 25°\$\mathcal{m}\$18'42 20°\$\mathcal{m}\$45'15 19°\$\mathcal{m}\$02'58 18°\$\mathcal{m}\$55'19 13°\$\mathcal{m}\$55'131 13°\$\mathcal{m}\$10'54 12°\$\mathcal{m}\$13'25 16°\$\mathcal{m}\$06'24 0°\$\mathcal{D}\$ 18°\$\mathcal{D}\$14'49 29°\$\mathcal{D}\$02'15                    | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28<br>1°36'29                  |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el desc. node morning set                  | -604 Aug 15 j 09:10 -604 Aug 19 j 20:07 -604 Sep 05 j 10:25 -604 Sep 11 j 22:41 -604 Sep 23 j 14:15 -604 Sep 29 j 06:35 -604 Oct 03 j 19:51 -604 Oct 04 j 17:10 -604 Oct 04 j 18:12 -604 Oct 09 j 06:16 -604 Oct 10 j 05:53 -604 Oct 13 j 19:57 -604 Oct 18 j 18:24 -604 Oct 21 j 08:49 -604 Nov 10 j 07:56 -604 Nov 15 j 19:25 -604 Nov 16 j 09:49   | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47<br>0°41'21                                       | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node                                 | -603 Jul 16 j 15:34 -603 Jul 20 j 15:38 -603 Jul 21 j 06:37 -603 Aug 06 j 17:08 -603 Aug 08 j 15:11 -603 Aug 25 j 10:02 -603 Sep 06 j 22:22 -603 Sep 13 j 05:08 -603 Sep 17 j 10:26 -603 Sep 18 j 19:07 -603 Sep 18 j 21:33 -603 Sep 23 j 14:45 -603 Sep 24 j 14:17 -603 Sep 27 j 18:14 -603 Oct 04 j 16:23 -603 Oct 15 j 02:30 -603 Oct 26 j 19:36 -603 Nov 02 j 16:26 -603 Nov 03 j 07:08         | 21°\$17'49 28°\$51'11 0°\$\mathcal{O}\$27°\$\mathcal{O}\$11'14 0°\$\mathcal{O}\$20°\$\mathcal{m}\$49'41 27°\$\mathcal{m}\$57'02 25°\$\mathcal{m}\$18'42 20°\$\mathcal{m}\$45'15 19°\$\mathcal{m}\$02'58 18°\$\mathcal{m}\$55'19 13°\$\mathcal{m}\$51'31 13°\$\mathcal{m}\$10'54 12°\$\mathcal{m}\$13'25 16°\$\mathcal{m}\$06'24 0°\$\mathcal{m}\$2 18°\$\mathcal{m}\$14'49 29°\$\mathcal{M}\$02'15 0°\$\mathcal{m}\$. | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28<br>1°36'29<br>18°59'27      |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el desc. node                              | -604 Aug 15 j 09:10 -604 Aug 19 j 20:07 -604 Sep 05 j 10:25 -604 Sep 11 j 22:41 -604 Sep 23 j 14:15 -604 Sep 29 j 06:35 -604 Oct 03 j 19:51 -604 Oct 04 j 17:10 -604 Oct 06 j 17:42 -604 Oct 09 j 06:16 -604 Oct 10 j 05:53 -604 Oct 13 j 19:57 -604 Oct 18 j 18:24 -604 Oct 21 j 08:49 -604 Nov 10 j 07:56 -604 Nov 15 j 19:25   | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47<br>0°41'21                                       | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -603 Jul 16 j 15:34 -603 Jul 20 j 15:38 -603 Jul 21 j 06:37 -603 Aug 06 j 17:08 -603 Aug 08 j 15:11 -603 Aug 25 j 10:02 -603 Sep 06 j 22:22 -603 Sep 13 j 05:08 -603 Sep 17 j 10:26 -603 Sep 18 j 19:07 -603 Sep 18 j 21:33 -603 Sep 23 j 14:45 -603 Sep 24 j 14:17 -603 Sep 27 j 18:14 -603 Oct 04 j 16:23 -603 Oct 15 j 02:30 -603 Oct 26 j 19:36 -603 Nov 02 j 16:26                             | 21°\$17'49 28°\$51'11 0°\$\mathcal{O}\$27°\$\mathcal{O}\$11'14 0°\$\mathcal{O}\$20°\$\mathcal{m}\$49'41 27°\$\mathcal{m}\$57'02 25°\$\mathcal{m}\$18'42 20°\$\mathcal{m}\$45'15 19°\$\mathcal{m}\$02'58 18°\$\mathcal{m}\$55'19 13°\$\mathcal{m}\$55'131 13°\$\mathcal{m}\$10'54 12°\$\mathcal{m}\$13'25 16°\$\mathcal{m}\$06'24 0°\$\mathcal{D}\$ 18°\$\mathcal{D}\$14'49 29°\$\mathcal{D}\$02'15                    | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28<br>1°36'29                  |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el desc. node morning set                  | -604 Aug 15 j 09:10 -604 Aug 19 j 20:07 -604 Sep 05 j 10:25 -604 Sep 11 j 22:41 -604 Sep 23 j 14:15 -604 Sep 29 j 06:35 -604 Oct 03 j 19:51 -604 Oct 04 j 17:10 -604 Oct 04 j 18:12 -604 Oct 09 j 06:16 -604 Oct 10 j 05:53 -604 Oct 13 j 19:57 -604 Oct 18 j 18:24 -604 Oct 21 j 08:49 -604 Nov 10 j 07:56 -604 Nov 15 j 19:25 -604 Nov 16 j 09:49   | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47<br>0°41'21                                       | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node                                 | -603 Jul 16 j 15:34 -603 Jul 20 j 15:38 -603 Jul 21 j 06:37 -603 Aug 06 j 17:08 -603 Aug 08 j 15:11 -603 Aug 25 j 10:02 -603 Sep 06 j 22:22 -603 Sep 13 j 05:08 -603 Sep 17 j 10:26 -603 Sep 18 j 19:07 -603 Sep 18 j 21:33 -603 Sep 23 j 14:45 -603 Sep 24 j 14:17 -603 Sep 27 j 18:14 -603 Oct 04 j 16:23 -603 Oct 15 j 02:30 -603 Oct 26 j 19:36 -603 Nov 02 j 16:26 -603 Nov 03 j 07:08         | 21°\$17'49 28°\$51'11 0°\$\mathcal{O}\$27°\$\mathcal{O}\$11'14 0°\$\mathcal{O}\$20°\$\mathcal{m}\$49'41 27°\$\mathcal{m}\$57'02 25°\$\mathcal{m}\$18'42 20°\$\mathcal{m}\$45'15 19°\$\mathcal{m}\$02'58 18°\$\mathcal{m}\$55'19 13°\$\mathcal{m}\$51'31 13°\$\mathcal{m}\$10'54 12°\$\mathcal{m}\$13'25 16°\$\mathcal{m}\$06'24 0°\$\mathcal{m}\$2 18°\$\mathcal{m}\$14'49 29°\$\mathcal{M}\$02'15 0°\$\mathcal{m}\$. | 1.36326 AU<br>26°03'09<br>0.66556 AU<br>-1°37'28<br>1°36'29<br>18°59'27      |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el desc. node morning set                  | -604 Aug 15 j 09:10 -604 Aug 19 j 20:07 -604 Sep 05 j 10:25 -604 Sep 11 j 22:41 -604 Sep 23 j 14:15 -604 Sep 29 j 06:35 -604 Oct 03 j 19:51 -604 Oct 04 j 17:10 -604 Oct 04 j 17:42 -604 Oct 09 j 06:16 -604 Oct 10 j 05:53 -604 Oct 13 j 19:57 -604 Oct 18 j 18:24 -604 Oct 19 j 07:56 -604 Nov 10 j 07:56 -604 Nov 15 j 19:25 -604 Nov 16 j 09:49 -604 Nov 28 j 02:00                     | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47<br>0°41'21                                       | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node                                 | -603 Jul 16 j 15:34 -603 Jul 20 j 15:38 -603 Jul 21 j 06:37 -603 Aug 06 j 17:08 -603 Aug 08 j 15:11 -603 Aug 25 j 10:02 -603 Sep 06 j 22:22 -603 Sep 13 j 05:08 -603 Sep 17 j 10:26 -603 Sep 18 j 19:07 -603 Sep 18 j 21:33 -603 Sep 23 j 14:45 -603 Sep 24 j 14:17 -603 Sep 27 j 18:14 -603 Oct 04 j 16:23 -603 Oct 15 j 02:30 -603 Oct 26 j 19:36 -603 Nov 02 j 16:26 -603 Nov 03 j 07:08         | 21°\$17'49 28°\$51'11 0°\$\mathcal{O}\$27°\$\mathcal{O}\$11'14 0°\$\mathcal{O}\$20°\$\mathcal{m}\$49'41 27°\$\mathcal{m}\$57'02 25°\$\mathcal{m}\$18'42 20°\$\mathcal{m}\$45'15 19°\$\mathcal{m}\$02'58 18°\$\mathcal{m}\$55'19 13°\$\mathcal{m}\$51'31 13°\$\mathcal{m}\$10'54 12°\$\mathcal{m}\$13'25 16°\$\mathcal{m}\$06'24 0°\$\mathcal{m}\$2 18°\$\mathcal{m}\$14'49 29°\$\mathcal{M}\$02'15 0°\$\mathcal{m}\$. | 1.36326 AU 26°03'09 0.66556 AU -1°37'28 1°36'29 18°59'27                     |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el desc. node morning set                  | -604 Aug 15 j 09:10 -604 Aug 19 j 20:07 -604 Sep 05 j 10:25 -604 Sep 11 j 22:41 -604 Sep 23 j 14:15 -604 Sep 29 j 06:35 -604 Oct 03 j 19:51 -604 Oct 04 j 17:10 -604 Oct 04 j 17:42 -604 Oct 09 j 06:16 -604 Oct 10 j 05:53 -604 Oct 13 j 19:57 -604 Oct 18 j 18:24 -604 Oct 19 j 07:56 -604 Nov 10 j 07:56 -604 Nov 15 j 19:25 -604 Nov 16 j 09:49 -604 Nov 28 j 02:00                     | 0° ነው<br>6° ነው 59'25<br>0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡    | 0.67231 AU<br>-0°41'47<br>0°41'21<br>19°54'51<br>1.44033 AU             | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node  max. Earth dist.               | -603 Jul 16 j 15:34 -603 Jul 20 j 15:38 -603 Jul 21 j 06:37 -603 Aug 06 j 17:08 -603 Aug 08 j 15:11 -603 Aug 25 j 10:02 -603 Sep 06 j 22:22 -603 Sep 13 j 05:08 -603 Sep 17 j 10:26 -603 Sep 18 j 19:07 -603 Sep 18 j 21:33 -603 Sep 23 j 14:45 -603 Sep 24 j 14:17 -603 Sep 27 j 18:14 -603 Oct 04 j 16:23 -603 Oct 15 j 02:30 -603 Nov 02 j 16:26 -603 Nov 03 j 07:08 -603 Nov 10 j 18:17         | 21°S17'49 28°S51'11 0°N 27°N11'14 0°M 20°M49'41 27°M57'02 25°M18'42 20°M45'15 19°M02'58 18°M55'19 13°M51'31 13°M10'54 12°M13'25 16°M06'24 0°A 18°A14'49 29°A02'15 0°M 11°M43'39   | 1.36326 AU 26°03'09 0.66556 AU -1°37'28 1°36'29 18°59'27 1.44854 AU -1°00'14 |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el desc. node morning set max. Earth dist. | -604 Aug 15 j 09:10 -604 Aug 19 j 20:07 -604 Sep 05 j 10:25 -604 Sep 11 j 22:41 -604 Sep 23 j 14:15 -604 Sep 29 j 06:35 -604 Oct 03 j 19:51 -604 Oct 04 j 17:10 -604 Oct 04 j 17:10 -604 Oct 09 j 06:16 -604 Oct 10 j 05:53 -604 Oct 13 j 19:57 -604 Oct 18 j 18:24 -604 Oct 18 j 18:24 -604 Oct 21 j 08:49 -604 Nov 15 j 19:25 -604 Nov 16 j 09:49 -604 Nov 28 j 02:00 -604 Nov 29 j 13:23 | 0° ነው 6° ነው 59'25 0° ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡          | 0.67231 AU<br>-0°41'47<br>0°41'21<br>19°54'51<br>1.44033 AU<br>-1°37'47 | max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node  max. Earth dist. superior conj | -603 Jul 16 j 15:34 -603 Jul 20 j 15:38 -603 Jul 21 j 06:37 -603 Aug 06 j 17:08 -603 Aug 08 j 15:11 -603 Aug 25 j 10:02 -603 Sep 06 j 22:22 -603 Sep 13 j 05:08 -603 Sep 17 j 10:26 -603 Sep 18 j 19:07 -603 Sep 18 j 21:33 -603 Sep 23 j 14:45 -603 Sep 24 j 14:17 -603 Sep 27 j 18:14 -603 Oct 04 j 16:23 -603 Oct 15 j 02:30 -603 Nov 02 j 16:26 -603 Nov 03 j 07:08 -603 Nov 10 j 18:17         | 21°\$17'49 28°\$51'11 0°\$\mathcal{O}\$27°\$\mathcal{O}\$11'14 0°\$\mathcal{O}\$20°\$\mathcal{O}\$49'41 27°\$\mathcal{O}\$57'02 25°\$\mathcal{O}\$18'42 20°\$\mathcal{O}\$45'15 19°\$\mathcal{O}\$02'58 18°\$\mathcal{O}\$55'19 13°\$\mathcal{O}\$13'25 16°\$\mathcal{O}\$06'24 0°\$\mathcal{O}\$\mathcal{O}\$14'49 29°\$\mathcal{O}\$20'15 0°\$\mathcal{O}\$1"\$\mathcal{O}\$1"\$11'40                               | 1.36326 AU 26°03'09 0.66556 AU -1°37'28 1°36'29 18°59'27 1.44854 AU -1°00'14 |

| •                        | •  |  | •                   | , ·                        | AG 18-Feb-2025 14                          |  | ge 160      |
|--------------------------|--|--|---------------------|----------------------------|--|--|-------------|
|                          |  | -  | astronomical cou    |                            | 901 BCE in historical cou                  |  |             |
| evening rise             | -603 Nov 27 j 13:35<br>-603 Dec 10 j 22:11 | 8° <b>∡</b> ³35'39                       |                     | behind sun end             | -602 Oct 22 j 14:57                        | 23° <b>♀</b> 01'42<br>26° <b>♀</b> 01'27 | 1.44952 AU  |
| arranina marral          | ,  | 0°궁<br>9°궁20'52                          | 18°40'56            | max. Earth dist.           | -602 Oct 24 j 12:34                        | 0°M                                      | 1.44932 AU  |
| evening max el asc. node | -603 Dec 18 j 01:34<br>-603 Dec 20 j 14:02 | 9 <b>8</b> 2032                          | 18 40 30            | evening rise               | -602 Oct 27 j 01:16<br>-602 Nov 07 j 18:24 | 18°M20'40                                |             |
| retrograde               | -603 Dec 24 j 18:02                        | 11 <b>3</b> 3238                         |                     | evening rise               | -602 Nov 15 j 05:18                        | 0° <b>√</b>                              |             |
| evening set              | -603 Dec 24 j 18.02<br>-603 Dec 27 j 20:38 | 13 803 14<br>12° <b>る</b> 10'33          |                     | greatest brilliancy        | -602 Nov 18 j 19:34                        | 0 <b>x</b> .<br>5° <b>x</b> 33'34        | -0.7m       |
| inferior conj            | -602 Jan 02 j 15:53                        | 6° <b>る</b> 31'51                        | 3°29'47             | evening max el             | -602 Dec 01 j 10:08                        | 22° <b>×</b> <sup>7</sup> 47'51          | 19°23'47    |
| minimum elong            | -602 Jan 02 j 13:27                        | 6° <b>る</b> 39'13                        | 3°29'21             | asc. node                  | -602 Dec 07 j 11:04                        | 26° <b>x</b> 48'54                       | 19 23 47    |
| min. Earth dist.         | -602 Jan 04 j 12:25                        | 4°る17'50                                 | 0.64945 AU          | retrograde                 | -602 Dec 08 j 14:13                        | 26° <b>₹</b> 56'04                       |             |
| morning rise             | -602 Jan 08 j 05:51                        | 0°る24'25                                 | 0.04743710          | evening set                | -602 Dec 11 j 23:37                        | 25° 🖈 48'54                              |             |
| morning rise             | -602 Jan 08 j 17:38                        | 30°R. <b>✓</b>                           |                     | inferior conj              | -602 Dec 17 j 13:28                        | 19° 🗷 55'06                              | 2°59'09     |
| direct                   | -602 Jan 14 j 23:44                        | 27° <b>₹</b> 32'06                       |                     | minimum elong              | -602 Dec 17 j 10:37                        | 20° <b>₹</b> 04'18                       | 2°58'25     |
| direct                   | -602 Jan 21 j 23:59                        | 0°る                                      |                     | min. Earth dist.           | -602 Dec 18 j 19:35                        | 18° 🖈 17'55                              | 0.66161 AU  |
| morning max el           | -602 Jan 28 j 06:42                        | 5°る15'46                                 | 27°05'42            | morning rise               | -602 Dec 22 j 21:22                        | 13° <b>х</b> 43'39                       | 0.00101710  |
| desc. node               | -602 Jan 29 j 15:40                        | 6° <b>පි</b> 40'37                       | 27 03 42            | direct                     | -602 Dec 29 j 03:53                        | 10° 🗷 57'33                              |             |
| desc. flode              | -602 Feb 16 j 04:46                        | 0°≈                                      |                     | morning max el             | -601 Jan 10 j 16:03                        | 18° <b>∡</b> 37 33                       | 26°03'10    |
| morning set              | -602 Mar 04 j 21:09                        | 0 ∞<br>29°≈01'06                         |                     | desc. node                 | -601 Jan 16 j 12:41                        | 24° <b>x</b> 21 21                       | 20 03 10    |
| morning set              | -602 Mar 05 j 09:18                        | 0° <b>)</b> €                            |                     | desc. Hode                 | -601 Jan 20 j 12:41                        | 24 × 3441                                |             |
| may Earth dist           | -602 Mar 09 j 11:19                        | 8° <b>∺</b> 07'56                        | 1.34059 AU          |                            | -601 Feb 09 i 04:39                        | 0°≈                                      |             |
| max. Earth dist.         | -002 Mai 09 J 11.19                        | 8 AU/30                                  | 1.34039 AU          | marning got                | -601 Feb 15 j 21:22                        | 0 ≈<br>11°≈57'10                         |             |
|                          | (02 M-= 12 : 02-22                         | 15° <b>)</b> 43'11                       | 0054124             | morning set                | •  |  | 1 25402 ATT |
| superior conj            | -602 Mar 13 j 03:22                        |  |                     | max. Earth dist.           | -601 Feb 19 j 20:03                        | 19° <b>≈</b> 25'45                       | 1.35493 AU  |
| minimum elong            | -602 Mar 13 j 05:55                        | 15° <b>)</b> € 56'37                     | 0°53'55             |                            | (01 7 1 04 : 02 05                         | 200 20125                                | 1010110     |
| asc. node                | -602 Mar 18 j 13:23                        | 27° <b>)</b> 10′37                       |                     | superior conj              | -601 Feb 24 j 23:35                        | 29°≈38'37                                |             |
|                          | -602 Mar 19 j 21:33                        | 0° <b>Υ</b>                              |                     | minimum elong              | -601 Feb 25 j 03:05                        | 29°≈56'22                                | 1°18'48     |
| evening rise             | -602 Mar 20 j 12:33                        | 1° <b>Y</b> 18′29                        |                     |                            | -601 Feb 25 j 03:48                        | 0° <b>)</b> (                            |             |
|                          | -602 Apr 06 j 03:03                        | 0°8                                      |                     | evening rise               | -601 Mar 04 j 19:43                        | 15° <b>)</b> (46′07                      |             |
| evening max el           | -602 Apr 09 j 22:13                        | 4° <b>8</b> 10'35                        | 21°42'31            | asc. node                  | -601 Mar 05 j 10:25                        | 17° <b>)</b> €01'12                      |             |
| retrograde               | -602 Apr 22 j 07:23                        | 10° <b>8</b> 12'38                       |                     |                            | -601 Mar 12 j 03:35                        | 0° <b>Υ</b>                              |             |
| evening set              | -602 Apr 24 j 20:06                        | 9° <b>8</b> 58'14                        |                     | evening max el             | -601 Mar 23 j 03:31                        | 15° <b>Y</b> 23'45                       | 20°21'39    |
| desc. node               | -602 Apr 27 j 14:52                        | 9° <b>8</b> 11'44                        |                     | retrograde                 | -601 Apr 02 j 20:58                        | 20° <b>Y</b> 32′26                       |             |
| inferior conj            | -602 May 04 j 05:55                        | 5° <b>8</b> 55'19                        |                     | evening set                | -601 Apr 05 j 00:24                        | 20° <b>Y</b> 20′59                       |             |
| minimum elong            | -602 May 04 j 00:49                        |  | 1°49'54             | inferior conj              | -601 Apr 14 j 01:39                        | 16° <b>Y</b> 23′08                       | 0°07'17     |
| min. Earth dist.         | -602 May 04 j 01:55                        | 6° <b>8</b> 00'55                        | 0.55043 AU          | minimum elong              | -601 Apr 14 j 01:59                        | 16° <b>Y</b> 22'38                       | 0°07'10     |
| morning rise             | -602 May 13 j 06:28                        | 1° <b>8</b> 57'36                        |                     | transit middle             | -601 Apr 14 j 01:59                        | 16° <b>Y</b> 22'38                       | 0°07'10     |
| direct                   | -602 May 16 j 05:42                        | 1° <b>8</b> 38'11                        |                     | transit begin              | -601 Apr 13 j 22:23                        | 16° <b>Y</b> 27′56                       |             |
| morning max el           | -602 May 28 j 12:07                        | 7° <b>8</b> 25'24                        | 21°49'55            | transit end                | -601 Apr 14 j 05:35                        | 16° <b>Y</b> 17′20                       |             |
|                          | -602 Jun 13 j 02:51                        | $\Pi$ °0                                 |                     | desc. node                 | -601 Apr 14 j 11:53                        | 16° <b>Ƴ</b> 08'05                       |             |
| asc. node                | -602 Jun 14 j 12:38                        | 2° <b>Ⅱ</b> 43'07                        |                     | min. Earth dist.           | -601 Apr 15 j 15:47                        | 15° <b>Y</b> 27′13                       | 0.55277 AU  |
| morning set              | -602 Jun 18 j 08:42                        | 10° <b>Ⅱ</b> 29'12                       |                     | morning rise               | -601 Apr 23 j 01:59                        | 12° <b>Ƴ</b> 04'19                       |             |
|                          |  |  |                     | direct                     | -601 Apr 26 j 18:19                        | 11° <b>Ƴ</b> 34'48                       |             |
| superior conj            | -602 Jun 25 j 15:58                        | 25° <b>Ⅱ</b> 51′23                       | 1°34'12             | morning max el             | -601 May 10 j 06:42                        | 18° <b>Ƴ</b> 12'09                       | 23°28'41    |
| minimum elong            | -602 Jun 25 j 13:42                        | 25° <b>Ⅲ</b> 39'32                       | 1°33'58             |                            | -601 May 19 j 22:07                        | $9^{\circ}$ 8                            |             |
|                          | -602 Jun 27 j 15:48                        | 0∘ <b>ௐ</b>                              |                     | asc. node                  | -601 Jun 01 j 09:41                        | 22° <b>8</b> 27'04                       |             |
| max. Earth dist.         | -602 Jun 29 j 05:28                        | 3° <b>5</b> 012'49                       | 1.34785 AU          | morning set                | -601 Jun 02 j 20:08                        | 25° <b>8</b> 26'14                       |             |
| evening rise             | -602 Jul 03 j 19:20                        | 12° <b>©</b> 16'49                       |                     |                            | -601 Jun 04 j 23:47                        | $\Pi$ $^{\circ}0$                        |             |
|                          | -602 Jul 13 j 15:12                        | $0^{\circ}\Omega$                        |                     |                            |  |  |             |
| desc. node               | -602 Jul 24 j 14:10                        | 16° <b>Ω</b> 59'16                       |                     | superior conj              | -601 Jun 09 j 22:14                        | 10° <b>Ⅲ</b> 37′03                       | 1°19'08     |
|                          | -602 Aug 03 j 18:04                        | 0° Mp                                    |                     | minimum elong              | -601 Jun 09 j 19:43                        | 10° <b>Ⅲ</b> 23'31                       | 1°18'46     |
| evening max el           | -602 Aug 07 j 21:46                        | 4° <b>™</b> 21'04                        | 26°55'06            | max. Earth dist.           | -601 Jun 12 j 05:08                        | 15° <b>Ⅱ</b> 29'33                       | 1.33628 AU  |
| retrograde               | -602 Aug 21 j 01:23                        | 11° <b>m</b> 39'06                       |                     | evening rise               | -601 Jun 17 j 11:27                        | 26° <b>Ⅱ</b> 19'59                       |             |
| evening set              | -602 Aug 27 j 20:31                        | 8° Mp 53'20                              |                     |                            | -601 Jun 19 j 08:05                        | 0°©                                      |             |
| min. Earth dist.         | -602 Aug 31 j 18:33                        | 4° Mp 57′06                              | 0.65523 AU          |                            | -601 Jul 06 j 23:41                        | $0^{\circ}\Omega$                        |             |
| inferior conj            | -602 Sep 02 j 15:39                        | 2° Mp46′03                               | -2°32'01            | desc. node                 | -601 Jul 11 j 11:12                        | 6° <b>Ω</b> 13′20                        |             |
| minimum elong            | -602 Sep 02 j 19:22                        | 2°M 35'13                                | 2°30'41             | evening max el             | -601 Jul 21 j 09:10                        | 17° <b>Ω</b> 37'53                       | 27°22'40    |
|                          | -602 Sep 05 j 03:25                        | $30^{\circ}$ R $\Omega$                  |                     | retrograde                 | -601 Aug 03 j 22:40                        | 24° <b>Ω</b> 58′01                       |             |
| morning rise             | -602 Sep 08 j 18:48                        | 27° <b>Ω</b> 06'36                       |                     | evening set                | -601 Aug 11 j 01:52                        | 22° <b>Ω</b> 15′00                       |             |
| asc. node                | -602 Sep 10 j 11:48                        | 26° <b>Ω</b> 29'15                       |                     | min. Earth dist.           | -601 Aug 14 j 18:05                        | 18° <b>Ω</b> 53'54                       | 0.64124 AU  |
| direct                   | -602 Sep 11 j 15:03                        | 26° <b>Ω</b> 22'07                       |                     | inferior conj              | -601 Aug 17 j 04:21                        | 16° <b>Ω</b> 19'53                       | -3°22'47    |
| morning max el           | -602 Sep 18 j 05:07                        | 29° <b>Ω</b> 57'53                       | 18°20'13            | minimum elong              | -601 Aug 17 j 08:54                        | 16° <b>Ω</b> 07'51                       | 3°21'28     |
|                          | -602 Sep 18 j 05:58                        | 0° <b>m</b>                              |                     | morning rise               | -601 Aug 23 j 16:49                        | 10° <b>Ω</b> 56′17                       |             |
| morning set              | -602 Oct 07 j 08:47                        | 28°m/31'37                               |                     | direct                     | -601 Aug 26 j 07:54                        | 10° <b>Ω</b> 21′18                       |             |
| -                        | -602 Oct 08 j 06:27                        | 0∘ <u>⊽</u>                              |                     | asc. node                  | -601 Aug 28 j 08:52                        | 10° <b>Ω</b> 42'36                       |             |
|                          |  |  |                     |                            |  |  | 17050113    |
| desc. node               | -602 Oct 20 j 13:27                        | 19° <b>≙</b> 45'56                       |                     | morning max el             | -601 Sep 01 j 20:28                        | 13° <b>Ω</b> 48′03                       | 17°58'12    |
| desc. node               | -  | 19° <b>≏</b> 45'56                       |                     | morning max el             |  |  | 1/58/12     |
| desc. node               | -602 Oct 20 j 13:27                        | 19° <b>£</b> 45'56<br>22° <b>£</b> 36'15 | -0°11'44            | morning max el morning set | -601 Sep 13 j 02:33                        | 0° <b>m</b>                              | 1/*5812     |
| superior conj            | -602 Oct 20 j 13:27<br>-602 Oct 22 j 08:30 |  | -0°11'44<br>0°11'31 |                            | -601 Sep 13 j 02:33<br>-601 Sep 19 j 01:22 |  | 1/~5812     |
|                          | -602 Oct 20 j 13:27                        | 22° <b>≏</b> 36'15                       |                     |                            | -601 Sep 13 j 02:33                        | 0° Mp<br>10° Mp 08'08                    | 17-5812     |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 161 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | cal year style is used: Th | ne year -900 in                        | astronomical coun | ting style is the year 9 | 001 BCE in historical cou | nting style.                      | 9          |
|----------------------|----------------------------|--|-------------------|--------------------------|---------------------------|-----------------------------------|------------|
| superior conj        | -601 Oct 01 j 23:57        | 1° <b>≏</b> 47'34                      | 0°35'21           | morning set              | -600 Aug 31 j 15:43       | 22° <b>Ω</b> 47'35                |            |
| minimum elong        | -601 Oct 02 j 03:44        | 2° <b>ഫ</b> 02'59                      | 0°34'51           |                          | -600 Sep 04 j 16:28       | 0° <b>m</b> )                     |            |
| desc. node           | -601 Oct 07 j 10:29        | 10° <b>≏</b> 32'26                     |                   |                          |                           |                                   |            |
| max. Earth dist.     | -601 Oct 07 j 06:17        | 10° <b>≏</b> 15'46                     | 1.44329 AU        | superior conj            | -600 Sep 11 j 18:04       | 12° <b>m</b> ) 18'41              | 1°11'40    |
| evening rise         | -601 Oct 18 j 04:58        | 27° <b>≏</b> 23'02                     |                   | minimum elong            | -600 Sep 11 j 23:09       | $12^{\circ}$ Mp $40^{\circ}21$    | 1°11'05    |
|                      | -601 Oct 19 j 21:47        | $0^{\circ}$ M                          |                   | max. Earth dist.         | -600 Sep 18 j 20:42       | 24° <b>m</b> 09'27                | 1.43062 AU |
|                      | -601 Nov 09 j 07:28        | 0° <b>∤</b> 7                          |                   |                          | -600 Sep 22 j 11:42       | 0∘ <b>⊽</b>                       |            |
| evening max el       | -601 Nov 14 j 13:50        | 6° <b>∡</b> 15'53                      | 20°21'40          | desc. node               | -600 Sep 23 j 07:33       | 1° <b>≙</b> 18'57                 |            |
| retrograde           | -601 Nov 22 j 11:44        | 10° <b>₹</b> 55'23                     |                   | evening rise             | -600 Sep 26 j 12:40       | 6° <b>ഫ</b> 22'30                 |            |
| asc. node            | -601 Nov 24 j 08:07        | 10° <b>∡</b> ′35'51                    |                   |                          | -600 Oct 12 j 05:52       | 0° <b>M</b>                       |            |
| evening set          | -601 Nov 26 j 05:53        | 9° <b>∡</b> ³33'38                     |                   | evening max el           | -600 Oct 27 j 11:45       | 19°M44'30                         | 21°31'34   |
| inferior conj        | -601 Dec 01 j 16:17        | 3° <b>҂</b> 27'38                      |                   | retrograde               | -600 Nov 05 j 08:39       | 25°M00'47                         |            |
| minimum elong        | -601 Dec 01 j 13:38        | 3° <b>⋌</b> 36'36                      |                   | evening set              | -600 Nov 09 j 13:37       | 23°M22'30                         |            |
| min. Earth dist.     | -601 Dec 02 j 09:29        | 2° <b>≯</b> 29'35                      | 0.67001 AU        | asc. node                | -600 Nov 10 j 05:09       | 22°M49'39                         |            |
|                      | -601 Dec 04 j 07:32        | 30°RM                                  |                   | inferior conj            | -600 Nov 14 j 22:11       |                                   | 1°34'09    |
| morning rise         | -601 Dec 06 j 21:10        | 27° <b>™</b> 14'18                     |                   | minimum elong            | -600 Nov 14 j 20:10       | 17° <b>M</b> 14'27                | 1°33'22    |
| direct               | -601 Dec 12 j 13:21        | 24°M44'05                              |                   | min. Earth dist.         | -600 Nov 15 j 03:52       |                                   | 0.67487 AU |
|                      | -601 Dec 22 j 09:37        | 0° <b>∡</b>                            |                   | morning rise             | -600 Nov 20 j 02:35       | 10°M54'18                         |            |
| morning max el       | -601 Dec 24 j 00:24        | 1° <b>∡</b> ³33'52                     | 24°43'10          | direct                   | -600 Nov 25 j 03:27       | 8°M45'15                          |            |
| desc. node           | -600 Jan 03 j 09:42        | 13° <b>∡</b> 57′22                     |                   | morning max el           | -600 Dec 05 j 09:36       | 14°M51'15                         | 23°15'48   |
|                      | -600 Jan 14 j 14:03        | 0°る                                    |                   |                          | -600 Dec 17 j 17:16       | 0° <b>∡</b> ¹                     |            |
| morning set          | -600 Jan 29 j 02:37        | 23° <b>る</b> 51'56                     |                   | desc. node               | -600 Dec 20 j 06:46       | 3° <b>∡</b> ³35′01                |            |
|                      | -600 Feb 01 j 12:35        | 0° <b>≈</b>                            |                   |                          | -599 Jan 06 j 13:30       | 0°ਰ                               |            |
| max. Earth dist.     | -600 Feb 01 j 18:37        | 0° <b>≈</b> 27'39                      | 1.37341 AU        | morning set              | -599 Jan 09 j 06:37       | 4° <b>る</b> 29'34                 |            |
|                      |                            |  |                   | max. Earth dist.         | -599 Jan 13 j 13:55       | 11° <b>る</b> 50'10                | 1.39437 AU |
| superior conj        | -600 Feb 08 j 09:28        | 12° <b>≈</b> 58'21                     |                   |                          |                           | _                                 |            |
| minimum elong        | -600 Feb 08 j 13:11        | 13° <b>≈</b> 16′26                     | 1°40'23           | superior conj            | -599 Jan 21 j 04:55       | 25° <b>පි</b> 31'40               |            |
| evening rise         | -600 Feb 16 j 21:18        | 29° <b>≈</b> 50'52                     |                   | minimum elong            | -599 Jan 21 j 07:30       | 25° <b>る</b> 43'42                | 1°55'45    |
| _                    | -600 Feb 16 j 23:08        | 0° <b>)</b> {                          |                   |                          | -599 Jan 23 j 14:19       | 0° <b>≈</b>                       |            |
| asc. node            | -600 Feb 20 j 07:27        | 6° <b>)</b> (34'43                     |                   | evening rise             | -599 Jan 30 j 14:39       | 13°≈25'55                         |            |
| evening max el       | -600 Mar 04 j 19:55        | 27° <b>)</b> 14'19                     | 19°18'37          | asc. node                | -599 Feb 06 j 04:30       | 25°≈45'03                         |            |
|                      | -600 Mar 08 j 09:37        | 0°Υ<br>1° <b>00</b> 2 450              |                   |                          | -599 Feb 08 j 16:05       | 0° <b>\</b>                       | 1000 5100  |
| retrograde           | -600 Mar 13 j 21:03        | 1° <b>Υ</b> 34'50                      |                   | evening max el           | -599 Feb 15 j 21:39       | 9° <b>∺</b> 38'47                 | 18°35'23   |
| evening set          | -600 Mar 16 j 02:19        | 1° <b>Υ</b> ′20′20                     |                   | retrograde               | -599 Feb 23 j 15:36       | 13° <b>¥</b> 25'48                |            |
|                      | -600 Mar 19 j 18:19        | 30° <b>₹</b>                           | 1050140           | evening set              | -599 Feb 26 j 01:34       | 13° <b>¥</b> 05′01                | 200.4150   |
| inferior conj        | -600 Mar 24 j 10:05        | 27° <b>)</b> (11'41                    |                   | inferior conj            | -599 Mar 05 j 14:41       | 8° <b>∺</b> 37′28                 |            |
| minimum elong        | -600 Mar 24 j 14:08        | 27° <b>)</b> €04'56                    |                   | minimum elong            | -599 Mar 05 j 18:45       | 8° <b>¥</b> 29'34                 |            |
| min. Earth dist.     | -600 Mar 27 j 06:37        |  | 0.56404 AU        | min. Earth dist.         | -599 Mar 09 j 00:11       |                                   | 0.58170 AU |
| desc. node           | -600 Mar 31 j 08:55        | 23° <b>)</b> €00′23                    |                   | morning rise             | -599 Mar 13 j 09:15       | 3°¥16'46                          |            |
| morning rise         | -600 Apr 01 j 23:10        | 22° <b>H</b> 21'12                     |                   | desc. node               | -599 Mar 18 j 05:57       | 1° <b>¥</b> 52'37                 |            |
| direct               | -600 Apr 06 j 17:31        | 21° <b>)</b> 29'08                     | 25007140          | direct                   | -599 Mar 19 j 05:59       | 1° <b>¥</b> 50′04                 | 26921155   |
| morning max el       | -600 Apr 20 j 21:20        | 28° <b>) (</b> 42′27                   | 25°07'48          | morning max el           | -599 Apr 02 j 14:12       | 9° <b>¥</b> 24'55                 | 26°31'55   |
|                      | -600 Apr 22 j 04:32        | 0°႘<br>0°Υ                             |                   |                          | -599 Apr 18 j 05:47       | 0° <b>Υ</b><br>25° <b>Υ</b> 21'20 |            |
|                      | -600 May 12 j 04:35        | _                                      |                   | morning set              | -599 May 01 j 19:03       |                                   |            |
| morning set          | -600 May 17 j 08:09        | 10° <b>8</b> 25'47                     |                   | 4-                       | -599 May 03 j 23:33       | 0°8                               |            |
| asc. node            | -600 May 18 j 06:45        | 12° <b>8</b> 25'24                     |                   | asc. node                | -599 May 05 j 03:48       | 2° <b>8</b> 32'28                 |            |
| superior conj        | -600 May 24 j 08:08        | 25° <b>8</b> 33'13                     | 1°00'03           | superior conj            | -599 May 08 j 19:41       | 10° <b>8</b> 32'51                | 0°37'52    |
| minimum elong        | -600 May 24 j 05:52        | 25° <b>8</b> 20'53                     | 0°59'39           | minimum elong            | -599 May 08 j 18:05       | 10° <b>8</b> 24'07                | 0°37'33    |
| max. Earth dist.     | -600 May 25 j 12:48        | 28° <b>8</b> 09'13                     | 1.32851 AU        | max. Earth dist.         | -599 May 09 j 00:54       | 11° <b>8</b> 01'30                | 1.32438 AU |
| max. Earth dist.     | -600 May 26 j 09:16        | 28 <b>O</b> 09 13                      | 1.32631 AU        | evening rise             | -599 May 15 j 18:53       | 25° <b>8</b> 34'54                | 1.32436 AU |
| evening rise         | -600 May 31 j 12:17        | 10° <b>∏</b> 49'25                     |                   | evening rise             | -599 May 17 j 22:22       | 0°Ⅱ                               |            |
| evening rise         | -600 Jun 10 j 14:24        | 0°95                                   |                   |                          | -599 Jun 04 j 07:47       | 0°छ                               |            |
| desc. node           | -600 Jun 27 j 08:13        | 24° <b>©</b> 39'09                     |                   | desc. node               | -599 Jun 14 j 05:16       | 11° <b>9</b> 55'49                |            |
| desc. node           | -600 Jul 02 j 06:49        | 24 <b>3</b> 3909                       |                   | evening max el           | -599 Jun 14 j 03:10       | 11 933 49<br>12°934'19            | 26°44'16   |
| evening max el       | -600 Jul 02 j 17:55        | 0° <b>Ω</b> 26'41                      | 27920'00          | retrograde               | -599 Jun 28 j 20:39       | 12 \$34 19<br>19°\$50'22          | 20 44 10   |
| retrograde           | -600 Jul 16 j 13:22        | 7° <b>Ω</b> 44'57                      | 27 20 00          | evening set              | -599 Jul 05 j 15:01       | 17°951'50                         |            |
| •                    |                            |  |                   | min. Earth dist.         | -599 Jul 09 j 10:38       |                                   | 0.60390 AU |
| evening set          | -600 Jul 23 j 17:32        | 5° <b>Ω</b> 17'28<br>2° <b>Ω</b> 24'25 | 0.62383 AU        |                          | 3                         | 15°©13'13<br>12°©29'39            |            |
| min. Earth dist.     | -600 Jul 27 j 07:30        |  | 0.02383 AU        | inferior conj            | -599 Jul 12 j 18:04       | 12°929'39<br>12°924'22            |            |
| inferior coni        | -600 Jul 29 j 20:56        | 30°Rூ<br>20°€37'40                     | 1005115           | minimum elong            | -599 Jul 12 j 20:37       |                                   | 4 34 24    |
| inferior conj        | -600 Jul 30 j 06:21        | 29°537'40                              |                   | morning rise             | -599 Jul 20 j 04:06       | 7°947'23                          |            |
| minimum elong        | -600 Jul 30 j 10:43        | 29°527'19                              | 4 04 33           | direct                   | -599 Jul 22 j 15:52       | 7°923'46                          | 10000124   |
| morning rise         | -600 Aug 06 j 05:12        | 24°533'21                              |                   | morning max el           | -599 Jul 29 j 23:41       | 10°958'16                         | 18°09'34   |
| direct               | -600 Aug 08 j 17:33        | 24°505'03                              |                   | asc. node                | -599 Aug 01 j 03:00       | 13°©17'21                         |            |
| asc. node            | -600 Aug 14 j 05:56        | 26°523'49                              | 17054101          | manmint                  | -599 Aug 11 j 13:59       | 0°Ω<br>6°Ω12/22                   |            |
| morning max el       | -600 Aug 15 j 11:39        | 27° <b>©</b> 30'55                     | 1/-34/21          | morning set              | -599 Aug 14 j 21:58       | 6° <b>Ω</b> 12'32                 |            |
|                      | -600 Aug 17 j 17:15        | $0^{\circ}\Omega$                      |                   |                          |                           |                                   |            |

| ,                              | ical year style is used: Th                |  | •              | //                           | 001 BCE in historical cou                  | , ,                                     | 50 102      |
|--------------------------------|--|--|----------------|------------------------------|--|---|-------------|
| superior conj                  | -599 Aug 24 j 14:24                        | 24° <b>Ω</b> 07'22                       |                | asc. node                    | -598 Jul 19 j 00:05                        | 1° <b>©</b> 08'24                       |             |
| minimum elong                  | -599 Aug 24 j 18:00                        | 24° <b>Ω</b> 23'32                       | 1°34'26        | morning set                  | -598 Jul 29 j 15:37                        | 20° <b>©</b> 11'26                      |             |
| _                              | -599 Aug 27 j 21:57                        | 0° m)                                    |                | -                            | -598 Aug 03 j 16:15                        | $0$ $^{\circ}\Omega$                    |             |
| max. Earth dist.               | -599 Sep 01 j 05:17                        | 7° <b>m</b> 23'55                        | 1.41314 AU     |                              |  |   |             |
| evening rise                   | -599 Sep 06 j 10:53                        | 16° Mp 03'03                             |                | superior conj                | -598 Aug 07 j 07:42                        | 6° <b>Ω</b> 59'00                       | 1°45'43     |
| desc. node                     | -599 Sep 10 j 04:36                        | 22° <b>m</b> 01'17                       |                | minimum elong                | -598 Aug 07 j 09:04                        | 7° <b>Ω</b> 05'24                       | 1°45'42     |
|                                | -599 Sep 15 j 08:25                        | 0∘ <b>⊽</b>                              |                | max. Earth dist.             | -598 Aug 14 j 08:44                        | 19° <b>Ω</b> 53′08                      | 1.39329 AU  |
|                                | -599 Oct 07 j 04:25                        | 0° <b>™</b>                              |                | evening rise                 | -598 Aug 18 j 09:18                        | 26° <b>Ω</b> 52'07                      |             |
| evening max el                 | -599 Oct 10 j 04:09                        | 3°M13'40                                 | 22°49'31       |                              | -598 Aug 20 j 05:53                        | 0° m)                                   |             |
| retrograde                     | -599 Oct 20 j 03:23                        | 9°M08'52                                 |                | desc. node                   | -598 Aug 28 j 01:37                        | 12° m/35'37                             |             |
| evening set                    | -599 Oct 24 j 21:01                        | 7°ጤ12'40<br>3°ጤ44'30                     |                | avanina may al               | -598 Sep 08 j 22:40                        | 0° <b>ჲ</b><br>16° <b>ჲ</b> 45'33       | 24900147    |
| asc. node inferior conj        | -599 Oct 28 j 02:11<br>-599 Oct 30 j 05:14 | 0°M52'23                                 | 0°43'44        | evening max el<br>retrograde | -598 Sep 22 j 16:50<br>-598 Oct 03 j 18:41 | 16 <b>2</b> 43 33 23° <b>2</b> 15'57    | 24 09 47    |
| minimum elong                  | -599 Oct 30 j 04:14                        | 0°M55'52                                 | 0°43'17        | evening set                  | -598 Oct 09 j 02:24                        | 23 <b>≅</b> 13 37<br>21° <b>⊆</b> 01'45 |             |
| min. Earth dist.               | -599 Oct 30 j 00:21                        | 1°M09'15                                 | 0.67635 AU     | inferior conj                | -598 Oct 14 j 11:42                        | 14° <b>Ω</b> 40'06                      | -0°09'58    |
| min. Burm dige.                | -599 Oct 30 j 20:28                        | 30°R <b>Ω</b>                            | 0.07000110     | minimum elong                | -598 Oct 14 j 11:57                        | 14° <b>Ω</b> 39'17                      |             |
| morning rise                   | -599 Nov 04 j 11:21                        | 24° <b>Ω</b> 41'28                       |                | transit middle               | -598 Oct 14 j 11:57                        | 14° <b>Ω</b> 39'17                      |             |
| direct                         | -599 Nov 08 j 21:24                        | 22° <b>ჲ</b> 55'00                       |                | transit begin                | -598 Oct 14 j 09:47                        | 14° <b>≏</b> 46'36                      |             |
| morning max el                 | -599 Nov 17 j 22:51                        | 28° <b>≏</b> 15'21                       | 21°50'13       | transit end                  | -598 Oct 14 j 14:07                        | 14° <b>≙</b> 31'57                      |             |
|                                | -599 Nov 19 j 14:24                        | $0^{\circ}$ M                            |                | min. Earth dist.             | -598 Oct 13 j 20:31                        | 15° <b>≏</b> 31'25                      | 0.67468 AU  |
| desc. node                     | -599 Dec 07 j 03:51                        | 23°M37'39                                |                | asc. node                    | -598 Oct 14 j 23:15                        | 14° <b>£</b> 01'11                      |             |
|                                | -599 Dec 11 j 09:51                        | 0° <b>∡</b> 7                            |                | morning rise                 | -598 Oct 19 j 21:29                        | 8° <b>ჲ</b> 34'03                       |             |
| morning set                    | -599 Dec 20 j 05:34                        | 13° <b>∡</b> ⁴44'00                      |                | direct                       | -598 Oct 23 j 18:14                        | 7° <b>≏</b> 08'52                       |             |
| max. Earth dist.               | -599 Dec 26 j 13:06                        |  | 1.41501 AU     | morning max el               | -598 Oct 31 j 18:50                        | 11° <b>≏</b> 48′20                      | 20°33'15    |
|                                | -599 Dec 30 j 02:16                        | 0°る                                      |                |                              | -598 Nov 14 j 17:00                        | 0° <b>M</b>                             |             |
|                                |  |  |                | desc. node                   | -598 Nov 24 j 00:53                        | 13°M57'42                               |             |
| superior conj                  | -598 Jan 03 j 04:47                        | 7° <b>る</b> 06'19                        |                | morning set                  | -598 Nov 29 j 05:51                        | 21°M58'27                               |             |
| minimum elong                  | -598 Jan 03 j 04:19                        | 7°る04'12                                 | 2°00'55        | Fauth diat                   | -598 Dec 04 j 08:48                        | 0° 🔏<br>79. ₹10.514.5                   | 1 4225C ATT |
| evening rise                   | -598 Jan 13 j 20:26<br>-598 Jan 15 j 19:18 | 26°る23'58<br>0°≈                         |                | max. Earth dist.             | -598 Dec 08 j 19:25                        | /°X'05'45                               | 1.43256 AU  |
| asc. node                      | -598 Jan 24 j 01:31                        | 0 ≈<br>14°≈25'03                         |                | superior conj                | -598 Dec 15 j 03:44                        | 17° <b>∡</b> ¹29'40                     | 1051122     |
| evening max el                 | -598 Jan 30 j 05:56                        | 22°≈30'03                                | 18°12'13       | minimum elong                | -598 Dec 14 j 22:35                        | 17° <b>×</b> 2940                       |             |
| retrograde                     | -598 Feb 06 j 04:07                        | 25°≈59'24                                | 10 12 13       | minimum clong                | -598 Dec 22 j 12:25                        | 0°る                                     | 1 31 03     |
| evening set                    | -598 Feb 08 j 18:40                        | 25° <b>≈</b> 30'32                       |                | evening rise                 | -598 Dec 27 j 10:29                        | 8° <b>る</b> 35'42                       |             |
| inferior conj                  | -598 Feb 15 j 15:50                        | 20° <b>≈</b> 42'04                       | 3°42'22        | <i>y</i>                     | -597 Jan 09 j 04:31                        | 0° <b>≈</b>                             |             |
| minimum elong                  | -598 Feb 15 j 17:50                        | 20° <b>≈</b> 37'33                       | 3°42'10        | asc. node                    | -597 Jan 10 j 22:33                        | 2° <b>≈</b> 24'38                       |             |
| min. Earth dist.               | -598 Feb 18 j 23:23                        | 17° <b>≈</b> 43'56                       | 0.60234 AU     | evening max el               | -597 Jan 13 j 17:44                        | 5° <b>≈</b> 39'11                       | 18°08'39    |
| morning rise                   | -598 Feb 22 j 15:05                        | 14° <b>≈</b> 59'50                       |                | retrograde                   | -597 Jan 20 j 06:41                        | 9° <b>≈</b> 04'51                       |             |
| direct                         | -598 Mar 01 j 06:44                        | 12° <b>≈</b> 55′05                       |                | evening set                  | -597 Jan 23 j 01:31                        | 8° <b>≈</b> 26'46                       |             |
| desc. node                     | -598 Mar 05 j 03:00                        | 13° <b>≈</b> 34'12                       |                | inferior conj                | -597 Jan 29 j 10:13                        | 3° <b>≈</b> 17'35                       | 3°52'19     |
| morning max el                 | -598 Mar 15 j 12:56                        | 20° <b>≈</b> 41'51                       | 27°27'20       | minimum elong                | -597 Jan 29 j 09:57                        | 3° <b>≈</b> 18′16                       | 3°52'18     |
|                                | -598 Mar 23 j 14:03                        | 0° <b>∀</b>                              |                | min. Earth dist.             | -597 Feb 01 j 06:35                        | 0°≈22'43                                | 0.62283 AU  |
|                                | -598 Apr 11 j 01:39                        | 0° <b>Υ</b>                              |                |                              | -597 Feb 01 j 15:53                        | 30°₹₹                                   |             |
| morning set                    | -598 Apr 16 j 03:06                        | 10° <b>Υ</b> 06'46                       |                | morning rise                 | -597 Feb 04 j 17:18                        | 27°る22'07                               |             |
| asc. node                      | -598 Apr 22 j 00:52                        | 22° <b>Y</b> 43'52<br>23° <b>Y</b> 53'44 | 1.32385 AU     | direct<br>desc. node         | -597 Feb 11 j 17:16                        | 24°る47'19<br>27°る48'57                  |             |
| max. Earth dist.               | -598 Apr 22 j 13:39                        | 23   33 44                               | 1.32383 AU     | desc. node                   | -597 Feb 20 j 00:02<br>-597 Feb 22 j 20:30 | 27 <b>○</b> 48 37 0° <b>≈</b>           |             |
| superior conj                  | -598 Apr 23 j 07:15                        | 25° <b>Y</b> '30'06                      | 0°13'22        | morning max el               | -597 Feb 25 j 17:26                        | 0 <b>∞</b><br>2° <b>≈</b> 38'39         | 27°46'43    |
| minimum elong                  | -598 Apr 23 j 06:39                        | 25°Υ26'48                                | 0°13'16        | morning max or               | -597 Mar 17 j 22:46                        | 0° <b>∀</b>                             | 27 10 13    |
| behind sun begin               | -598 Apr 23 j 03:53                        | 25° <b>Υ</b> 11'42                       |                | morning set                  | -597 Mar 31 j 06:09                        | 24° <b>)</b> (33'46                     |             |
| behind sun end                 | -598 Apr 23 j 09:24                        | 25° <b>Ƴ</b> 41'54                       |                | 8                            | -597 Apr 02 j 21:24                        | 0°Υ                                     |             |
|                                | -598 Apr 25 j 08:30                        | 0°8                                      |                | max. Earth dist.             | -597 Apr 05 j 23:02                        | 6° <b>Ƴ</b> 31'01                       | 1.32710 AU  |
| evening rise                   | -598 Apr 30 j 05:02                        | 10° <b>8</b> 28'49                       |                |                              |  |   |             |
|                                | -598 May 10 j 06:09                        | $\Pi$ $^{\circ}0$                        |                | superior conj                | -597 Apr 07 j 17:05                        | 10° <b>Y</b> 18′10                      | -0°12'40    |
| evening max el                 | -598 May 27 j 17:35                        | 23° <b>II</b> 56'53                      | 25°38'00       | minimum elong                | -597 Apr 07 j 17:41                        | 10° <b>Y</b> 21'24                      | 0°12'32     |
| desc. node                     | -598 Jun 01 j 02:15                        | 27° <b>Ⅱ</b> 34'59                       |                | behind sun begin             | -597 Apr 07 j 14:30                        | 10° <b>Y</b> ′04'07                     |             |
|                                | -598 Jun 05 j 09:11                        | $0$ $\circ$                              |                | behind sun end               | -597 Apr 07 j 20:52                        | 10° <b>Y</b> 38'40                      |             |
| retrograde                     | -598 Jun 10 j 18:57                        | 1°508'48                                 |                | asc. node                    | -597 Apr 08 j 21:54                        | 12° <b>Υ</b> 54'39                      |             |
|                                | -598 Jun 16 j 03:54                        | 30°ŖⅡ<br>200₩40141                       |                | evening rise                 | -597 Apr 14 j 16:41                        | 25° <b>Y</b> 23'19                      |             |
| evening set                    | -598 Jun 16 j 14:21                        | 29° <b>Ⅱ</b> 48'41                       | 0.50242.411    |                              | -597 Apr 16 j 21:46                        | 0° <b>Β</b>                             |             |
| min. Earth dist.               | -598 Jun 21 j 05:46                        |  | 0.58342 AU     | ovenin 1                     | -597 May 05 j 00:29                        | 0°Ⅱ<br>4°Ⅲ42!24                         | 24010115    |
| inferior conj<br>minimum elong | -598 Jun 24 j 11:58<br>-598 Jun 24 j 10:43 | 24°∏46'42<br>24°∏48'58                   |                | evening max el<br>desc. node | -597 May 09 j 08:57<br>-597 May 18 j 23:16 | 4° <b>П</b> 43'34<br>11° <b>П</b> 00'26 | 24°10'15    |
| morning rise                   | -598 Jul 24 j 10.43                        | 24 Щ48 38<br>20°Щ26'44                   | ⊣ <i>3)</i> †4 | retrograde                   | -597 May 23 j 05:36                        | 11° <b>Д</b> 41'57                      |             |
| direct                         | -598 Jul 04 j 22:17                        | 20° II 06'32                             |                | evening set                  | -597 May 27 j 15:42                        | 10° <b>Д</b> 58'26                      |             |
| morning max el                 | -598 Jul 13 j 05:32                        | 24° <b>∏</b> 01'32                       | 18°44'59       | min. Earth dist.             | -597 Jun 02 j 20:20                        |   | 0.56543 AU  |
| 5                              | -598 Jul 18 j 05:24                        | 0ంత                                      |                | inferior conj                | -597 Jun 05 j 09:43                        | 6° <b>Ⅱ</b> 20'53                       |             |
|                                |  |  |                | -                            |  |   |             |

| -                         | •  |  | •           | , ·                             | 901 BCE in historical cou                  |                                   | 5 <b>C</b> 103 |
|---------------------------|--|--|-------------|---------------------------------|--|-----------------------------------|----------------|
| minimum elong             | -597 Jun 05 j 04:03                        | 6° <b>Ⅱ</b> 29'48                      |             | morning rise                    | -596 May 24 j 09:36                        | 13° <b>8</b> 19'03                |                |
| morning rise              | -597 Jun 13 j 19:18                        | 2° <b>Ⅱ</b> 19′03                      |             | direct                          | -596 May 27 j 04:17                        | 13° <b>8</b> 01'13                |                |
| direct                    | -597 Jun 16 j 09:48                        | 2° <b>Ⅱ</b> 01'04                      |             | morning max el                  | -596 Jun 07 j 12:04                        | 18° <b>8</b> 17'44                | 20°58'05       |
| morning max el            | -597 Jun 26 j 02:17                        | 6° <b>Ⅲ</b> 30′33                      | 19°41'24    |                                 | -596 Jun 16 j 16:38                        | $\Pi^{\circ}0$                    |                |
| asc. node                 | -597 Jul 05 j 21:09                        | 19° <b>∏</b> 43'29                     |             | asc. node                       | -596 Jun 21 j 18:11                        | 8° <b>Ⅱ</b> 51'46                 |                |
|                           | -597 Jul 11 j 09:54                        | 0ಂಣ                                    |             | morning set                     | -596 Jun 27 j 00:20                        | 19° <b>Ⅱ</b> 17'15                |                |
| morning set               | -597 Jul 13 j 17:17                        | 4° <b>©</b> 35'30                      |             |                                 | -596 Jul 02 j 04:00                        | 0ං <b>ම</b>                       |                |
|                           | 507 1 1 21:16 27                           | 20062747                               | 104650      |                                 | 506 1 1 04:10 07                           | 40650101                          | 1040120        |
| superior conj             | -597 Jul 21 j 16:27                        | 20°537'47                              | 1°46'59     | superior conj                   | -596 Jul 04 j 12:07                        | 4°950'21                          | 1°40'38        |
| minimum elong             | -597 Jul 21 j 15:53                        | 20° <b>©</b> 34'58<br>0° <b>Ω</b>      | 1°46'59     | minimum elong                   | -596 Jul 04 j 10:16                        | 4°940'53                          | 1°40'30        |
| max. Earth dist.          | -597 Jul 26 j 12:33<br>-597 Jul 27 j 12:00 |  | 1.37362 AU  | max. Earth dist.                | -596 Jul 08 j 21:08                        | 13°540'22<br>21°549'13            | 1.35626 AU     |
|                           |  |  | 1.3/302 AU  | evening rise                    | -596 Jul 13 j 02:30                        |                                   |                |
| evening rise              | -597 Jul 31 j 07:59                        | 8° <b>Ω</b> 51'28                      |             | desc. node                      | -596 Jul 17 j 13:56<br>-596 Jul 31 j 19:37 | 0° <b>Ω</b><br>23° <b>Ω</b> 00'00 |                |
| daga mada                 | -597 Aug 13 j 00:18                        | 0°M)<br>2°M⊳57!22                      |             | desc. node                      | •  |                                   |                |
| desc. node                | -597 Aug 14 j 22:37<br>-597 Sep 04 j 19:34 | 2°₯57'22<br>0° <u>₽</u>                |             | evening max el                  | -596 Aug 05 j 19:18<br>-596 Aug 17 j 16:03 | 0° Mp<br>13° Mp 57'22             | 26027152       |
| evening max el            | -597 Sep 04 j 19.34<br>-597 Sep 05 j 04:19 | 0° <b>£</b> 21'36                      | 25025111    | retrograde                      | -596 Aug 30 j 11:24                        | 21° My 09'39                      | 20 27 33       |
| •                         |  |  | 23 23 11    | Č                               | -596 Sep 05 j 23:48                        | -                                 |                |
| retrograde<br>evening set | -597 Sep 17 j 05:34<br>-597 Sep 23 j 04:01 | 7° <b>£</b> 18'14<br>4° <b>£</b> 47'49 |             | evening set<br>min. Earth dist. | -596 Sep 10 j 02:01                        | 18° M) 27'24                      | 0.66162 AU     |
| evening set               | -597 Sep 27 j 11:41                        |  |             | inferior conj                   | -596 Sep 11 j 15:46                        | 12° m) 15'02                      |                |
| min. Earth dist.          | 1 0  | 30°R,M)<br>20°m,52'51                  | 0.66094.411 | ·                               | 1 3  | 12 mg 13 02<br>12° mg 05'51       |                |
|                           | -597 Sep 27 j 13:55                        | -                                      | 0.66984 AU  | minimum elong                   | -596 Sep 11 j 18:47                        |                                   | 1-3942         |
| inferior conj             | -597 Sep 28 j 15:51                        | 28° Mp 28'51                           |             | morning rise                    | -596 Sep 17 j 14:08                        | 6° Mp 27'50                       |                |
| minimum elong             | -597 Sep 28 j 17:29                        | 28° Mp 23'34                           | 1 04 43     | asc. node                       | -596 Sep 17 j 17:22                        | 6° Mg 23'21                       |                |
| asc. node                 | -597 Oct 01 j 20:18                        | 24° Mp 37'52                           |             | direct                          | -596 Sep 20 j 14:38                        | 5° M) 36'08                       | 10040144       |
| morning rise              | -597 Oct 04 j 07:06                        | 22° Tp 30'36                           |             | morning max el                  | -596 Sep 27 j 08:21                        | 9° m/20'27                        | 18°40'44       |
| direct                    | -597 Oct 07 j 16:35                        | 21° Tp 23'53                           |             |                                 | -596 Oct 11 j 22:37                        | 0∘ <b>⊽</b>                       |                |
| morning max el            | -597 Oct 14 j 22:22                        | 25° m 31'00                            | 19°29'18    | morning set                     | -596 Oct 18 j 02:09                        | 9° <b>≏</b> 47'42                 |                |
|                           | -597 Oct 18 j 19:17                        | 0∘ <b>⊽</b>                            |             | desc. node                      | -596 Oct 27 j 18:55                        | 25° <b>≙</b> 10'41                |                |
| morning set               | -597 Nov 08 j 05:21                        | 0° <b>™</b> 19'17                      |             |                                 | -596 Oct 30 j 20:22                        | 0° <b>M</b>                       |                |
|                           | -597 Nov 08 j 00:23                        | 0°M                                    |             |                                 |  |                                   |                |
| desc. node                | -597 Nov 10 j 21:54                        | 4° <b>™</b> 30'12                      |             | superior conj                   | -596 Nov 03 j 01:54                        | 5° <b>M</b> ∙04'57                |                |
| max. Earth dist.          | -597 Nov 21 j 08:52                        | 20°M54'13                              | 1.44471 AU  | minimum elong                   | -596 Nov 02 j 20:41                        | 4° <b>M</b> 44'24                 | 0°39'38        |
|                           |  |  |             | max. Earth dist.                | -596 Nov 03 j 02:56                        | 5° <b>™</b> 09'00                 | 1.44996 AU     |
| superior conj             | -597 Nov 24 j 23:56                        | 26°M40'33                              |             | evening rise                    | -596 Nov 18 j 22:52                        | 0° <b>√</b> 11'49                 |                |
| minimum elong             | -597 Nov 24 j 15:48                        | 26°№08'05                              | 1°23'02     |                                 | -596 Nov 18 j 19:55                        | 0° <b>∡</b> ¹                     |                |
|                           | -597 Nov 27 j 01:41                        | 0° <b>∡</b>                            |             | greatest brilliancy             | -596 Nov 26 j 12:24                        | 12° <b>∡</b> 16'33                | -0.8m          |
| evening rise              | -597 Dec 09 j 04:27                        | 19° <b>∡</b> 53′26                     |             |                                 | -596 Dec 08 j 13:35                        | 0°ಕ                               |                |
|                           | -597 Dec 15 j 05:31                        | 0°ප                                    |             | evening max el                  | -596 Dec 10 j 16:52                        | 2° <b>る</b> 24'43                 | 18°57'09       |
| evening max el            | -597 Dec 28 j 06:15                        | 18° <b>る</b> 59'22                     | 18°23'58    | asc. node                       | -596 Dec 14 j 16:37                        | 5° <b>る</b> 33'09                 |                |
| asc. node                 | -597 Dec 28 j 19:35                        | 19° <b>る</b> 32'11                     |             | retrograde                      | -596 Dec 17 j 13:17                        | 6° <b>る</b> 17'52                 |                |
| retrograde                | -596 Jan 03 j 19:00                        | 22° <b>る</b> 33'34                     |             | evening set                     | -596 Dec 20 j 18:40                        | 5° <b>る</b> 17'53                 |                |
| evening set               | -596 Jan 06 j 18:33                        | 21° <b>る</b> 45'11                     |             | inferior conj                   | -596 Dec 26 j 11:20                        | 29° <b>∡</b> ³32'17               | 3°17'58        |
| inferior conj             | -596 Jan 12 j 17:56                        | 16° <b>る</b> 16'37                     | 3°42'16     | minimum elong                   | -596 Dec 26 j 08:39                        | 29° <b>х</b> 40′40                | 3°17'24        |
| minimum elong             | -596 Jan 12 j 16:03                        | 16° <b>る</b> 22'00                     | 3°42'02     |                                 | -596 Dec 26 j 02:25                        | 30°₽ <b>⋌</b> ¹                   |                |
| min. Earth dist.          | -596 Jan 14 j 23:17                        | 13° <b>る</b> 44'20                     | 0.64083 AU  | min. Earth dist.                | -596 Dec 28 j 01:29                        | 27° <b>х</b> ³33'43               | 0.65518 AU     |
| morning rise              | -596 Jan 18 j 13:01                        | 10°る12'54                              |             | morning rise                    | -596 Dec 31 j 22:21                        | 23° <b>х</b> 23′04                |                |
| direct                    | -596 Jan 25 j 11:23                        | 7° <b>る</b> 22'41                      |             | direct                          | -595 Jan 07 j 11:55                        | 20° <b>∡</b> ³32'15               |                |
| desc. node                | -596 Feb 06 j 21:05                        | 14° <b>ප</b> 01'31                     |             | morning max el                  | -595 Jan 20 j 11:29                        | 28° <b>₰</b> 08'14                | 26°41'49       |
| morning max el            | -596 Feb 08 j 01:46                        | 15° <b>る</b> 11'01                     | 27°29'52    |                                 | -595 Jan 22 j 06:28                        | 0°ರ                               |                |
|                           | -596 Feb 20 j 05:33                        | 0° <b>≈</b>                            |             | desc. node                      | -595 Jan 23 j 18:07                        | 1° <b>る</b> 38'30                 |                |
|                           | -596 Mar 09 j 14:23                        | 0° <b>)</b> €                          |             |                                 | -595 Feb 12 j 23:16                        | 0° <b>≈</b>                       |                |
| morning set               | -596 Mar 14 j 01:39                        | 8° <b>)</b> €34'10                     |             | morning set                     | -595 Feb 25 j 10:11                        | 21° <b>≈</b> 57'27                |                |
| max. Earth dist.          | -596 Mar 19 j 01:22                        | 18° <b>) (</b> 42′03                   | 1.33446 AU  | max. Earth dist.                | -595 Mar 01 j 17:19                        | 0° <b>)</b> 19′53                 | 1.34619 AU     |
|                           |  |  |             |                                 | -595 Mar 01 j 13:20                        | 0° <b>∀</b>                       |                |
| superior conj             | -596 Mar 21 j 23:25                        | 24° <b>∺</b> 51'14                     | -0°39'16    |                                 |  |                                   |                |
| minimum elong             | -596 Mar 22 j 01:17                        | 25° <b>∺</b> 01'11                     | 0°38'54     | superior conj                   | -595 Mar 06 j 00:04                        | 9° <b>₩</b> 02'37                 | -1°05'16       |
|                           | -596 Mar 24 j 09:10                        | $0$ ° $\Upsilon$                       |             | minimum elong                   | -595 Mar 06 j 03:05                        | 9° <b>₩</b> 18'13                 | 1°04'45        |
| asc. node                 | -596 Mar 25 j 18:55                        | 3° <b>Y</b> 00′59                      |             | asc. node                       | -595 Mar 12 j 15:58                        | 22° <b>升</b> 58'48                |                |
| evening rise              | -596 Mar 29 j 04:05                        | 10° <b>Y</b> 12'31                     |             | evening rise                    | -595 Mar 13 j 13:24                        | 24° <b>¥</b> 50′10                |                |
|                           | -596 Apr 08 j 12:02                        | 0°8                                    |             |                                 | -595 Mar 16 j 02:02                        | $0^{\circ}$ Y                     |                |
| evening max el            | -596 Apr 20 j 00:53                        | 15° <b>8</b> 19'14                     | 22°35'00    | evening max el                  | -595 Apr 01 j 24:00                        | 26° <b>Ƴ</b> 12'49                | 21°06'07       |
| retrograde                | -596 May 03 j 03:11                        | 21° <b>8</b> 46'36                     |             |                                 | -595 Apr 06 j 23:03                        | 0°8                               |                |
| desc. node                | -596 May 04 j 20:17                        | 21° <b>8</b> 40'05                     |             | retrograde                      | -595 Apr 13 j 16:51                        | 1° <b>8</b> 52'39                 |                |
| evening set               | -596 May 06 j 05:06                        | 21° <b>8</b> 25'49                     |             | evening set                     | -595 Apr 15 j 23:59                        | 1° <b>8</b> 40'21                 |                |
| min. Earth dist.          | -596 May 14 j 09:08                        |  | 0.55350 AU  | -                               | -595 Apr 20 j 23:36                        | 30° <b>₹</b> Υ                    |                |
| inferior conj             | -596 May 15 j 13:13                        | 17° <b>8</b> 13'14                     | -2°52'57    | desc. node                      | -595 Apr 21 j 17:19                        | 29° <b>Ƴ</b> 38'34                |                |
| minimum elong             | -596 May 15 j 06:20                        | 17° <b>8</b> 23'03                     |             | inferior conj                   | -595 Apr 25 j 07:43                        | 27° <b>Ƴ</b> 41'33                | -1°01'33       |
| minimum ciong             |  |  |             |                                 |  |                                   |                |

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

|                     |                     | -                       |            | inting style is the year | 901 BCE in historical cou |                     |            |
|---------------------|---------------------|-------------------------|------------|--------------------------|---------------------------|---------------------|------------|
| minimum elong       | -595 Apr 25 j 04:48 | 27° <b>Y</b> 45'40      | 1°00'31    | evening set              | -594 Mar 27 j 13:08       | 12° <b>Y</b> 16′28  |            |
| min. Earth dist.    | -595 Apr 25 j 22:08 | 27° <b>Ƴ</b> 21'12      | 0.55024 AU | inferior conj            | -594 Apr 05 j 07:29       | 8° <b>Y</b> 15'13   | 0°55'20    |
| morning rise        | -595 May 04 j 09:34 | 23° <b>Y</b> 37'26      |            | minimum elong            | -594 Apr 05 j 09:50       | 8° <b>Ƴ</b> 11'35   | 0°54'32    |
| direct              | -595 May 07 j 14:49 | 23° <b>Y</b> 15'01      |            | min. Earth dist.         | -594 Apr 07 j 12:22       | 6° <b>Ƴ</b> 54'03   | 0.55652 AU |
| morning max el      | -595 May 20 j 11:24 | 29° <b>Y</b> 23′57      | 22°31'11   | desc. node               | -594 Apr 08 j 14:21       | 6° <b>Ƴ</b> 15'39   |            |
|                     | -595 May 21 j 02:28 | 0°8                     |            | morning rise             | -594 Apr 14 j 04:16       | 3° <b>Y</b> 43′22   |            |
| asc. node           | -595 Jun 08 j 15:14 | 28° <b>8</b> 25'01      |            | direct                   | -594 Apr 18 j 06:37       | 3° <b>Y</b> 06'11   |            |
|                     | -595 Jun 09 j 10:02 | $\Pi^{\circ}0$          |            | morning max el           | -594 May 02 j 03:45       | 10° <b>Y</b> 01′02  | 24°11'49   |
| morning set         | -595 Jun 11 j 10:43 | 4° <b>Ⅱ</b> 10'56       |            |                          | -594 May 17 j 00:09       | $9^{\circ}$ 8       |            |
|                     |                     |                         |            | morning set              | -594 May 26 j 22:36       | 19° <b>8</b> 09'39  |            |
| superior conj       | -595 Jun 18 j 15:21 | 19° <b>Ⅱ</b> 26'54      |            | asc. node                | -594 May 26 j 12:18       | 18° <b>8</b> 15'36  |            |
| minimum elong       | -595 Jun 18 j 12:54 | 19° <b>Ⅱ</b> 13'57      | 1°28'04    |                          | -594 May 31 j 23:49       | $\Pi$ °0            |            |
| max. Earth dist.    | -595 Jun 21 j 15:32 | 25° <b>Ⅱ</b> 45′07      | 1.34241 AU |                          |                           |                     |            |
|                     | -595 Jun 23 j 17:18 | $0$ $\circ$             |            | superior conj            | -594 Jun 02 j 23:25       | 4° <b>Ⅱ</b> 17'49   |            |
| evening rise        | -595 Jun 26 j 12:01 | 5° <b>©</b> 32'20       |            | minimum elong            | -594 Jun 02 j 20:57       | 4° <b>Ⅱ</b> 04'29   | 1°11'05    |
|                     | -595 Jul 10 j 06:10 | $0^{\circ}\Omega$       |            | max. Earth dist.         | -594 Jun 04 j 18:48       | 8° <b>Ⅱ</b> 11'18   | 1.33245 AU |
| desc. node          | -595 Jul 18 j 16:40 | 12° <b>Ω</b> 35'14      |            | evening rise             | -594 Jun 10 j 08:12       | 19° <b>∏</b> 47′28  |            |
| evening max el      | -595 Jul 31 j 03:49 | 27° <b>Ω</b> 24'01      | 27°10'09   |                          | -594 Jun 15 j 13:56       | 0                   |            |
|                     | -595 Aug 03 j 01:59 | O° My                   |            |                          | -594 Jul 04 j 09:35       | $0 {\circ} \Omega$  |            |
| retrograde          | -595 Aug 13 j 11:51 | 4° Mp 43′20             |            | desc. node               | -594 Jul 05 j 13:42       | 1° <b>Ω</b> 30'37   |            |
| evening set         | -595 Aug 20 j 11:19 | 1° <b>m</b> 57′06       |            | evening max el           | -594 Jul 13 j 14:07       | 10° <b>Ω</b> 29'10  | 27°25'25   |
|                     | -595 Aug 22 j 15:13 | $30^{\circ}$ R $\Omega$ |            | retrograde               | -594 Jul 27 j 06:35       | 17° <b>Ω</b> 49'33  |            |
| min. Earth dist.    | -595 Aug 24 j 06:35 | 28° <b>Ω</b> 16'37      | 0.64977 AU | evening set              | -594 Aug 03 j 11:21       | 15° <b>Ω</b> 11'05  |            |
| inferior conj       | -595 Aug 26 j 09:17 | 25° <b>Ω</b> 54'51      | -2°54'12   | min. Earth dist.         | -594 Aug 07 j 01:47       | 12° <b>Ω</b> 03′24  | 0.63420 AU |
| minimum elong       | -595 Aug 26 j 13:27 | 25° <b>Ω</b> 43'13      | 2°52'49    | inferior conj            | -594 Aug 09 j 17:47       | 9° <b>Ω</b> 22'02   | -3°42'16   |
| morning rise        | -595 Sep 01 j 16:16 | 20° <b>Ω</b> 21'56      |            | minimum elong            | -594 Aug 09 j 22:25       | 9° <b>Ω</b> 10′19   | 3°41'06    |
| direct              | -595 Sep 04 j 10:05 | 19° <b>Ω</b> 41'49      |            | morning rise             | -594 Aug 16 j 10:35       | 4° <b>Ω</b> 06'36   |            |
| asc. node           | -595 Sep 04 j 14:25 | 19° <b>Ω</b> 42'00      |            | direct                   | -594 Aug 19 j 00:09       | 3° <b>Ω</b> 34'53   |            |
| morning max el      | -595 Sep 10 j 22:35 | 23° <b>Ω</b> 12'23      | 18°08'47   | asc. node                | -594 Aug 22 j 11:29       | 4° <b>Ω</b> 33'46   |            |
|                     | -595 Sep 16 j 08:14 | O° Mp                   |            | morning max el           | -594 Aug 25 j 14:16       | 7° <b>Ω</b> 00'14   | 17°54'21   |
| morning set         | -595 Sep 29 j 03:31 | 20° Mp 40'20            |            |                          | -594 Sep 09 j 16:15       | 0° <b>™</b>         |            |
|                     | -595 Oct 04 j 18:54 | 0∘ <b>ত</b>             |            | morning set              | -594 Sep 11 j 06:04       | 2° <b>m</b> 45'07   |            |
|                     |                     |                         |            |                          |                           |                     |            |
| superior conj       | -595 Oct 13 j 06:32 | 13° <b>≏</b> 43'00      | 0°09'09    | superior conj            | -594 Sep 23 j 08:46       | 23° Mp 26'51        | 0°52'20    |
| minimum elong       | -595 Oct 13 j 07:39 | 13° <b>≙</b> 47'30      | 0°08'59    | minimum elong            | -594 Sep 23 j 13:35       | 23° <b>m</b> 46'50  | 0°51'43    |
| behind sun begin    | -595 Oct 12 j 22:34 | 13° <b>≏</b> 11'14      |            |                          | -594 Sep 27 j 08:41       | 0∘ <b>ত</b>         |            |
| behind sun end      | -595 Oct 13 j 16:45 | 14° <b>≏</b> 23'44      |            | max. Earth dist.         | -594 Sep 29 j 14:00       | 3° <b>ჲ</b> 35'06   | 1.43854 AU |
| desc. node          | -595 Oct 14 j 15:58 | 15° <b>≏</b> 56'02      |            | desc. node               | -594 Oct 01 j 13:02       | 6° <b>≏</b> 42'56   |            |
| max. Earth dist.    | -595 Oct 16 j 21:47 | 19° <b>≏</b> 29'10      | 1.44778 AU | evening rise             | -594 Oct 09 j 01:47       | 18° <b>≏</b> 30'45  |            |
|                     | -595 Oct 23 j 14:38 | 0°M                     |            |                          | -594 Oct 16 j 14:30       | 0°M                 |            |
| evening rise        | -595 Oct 29 j 18:46 | 9° <b>™</b> 35'56       |            | evening max el           | -594 Nov 07 j 00:42       | 29°M20'11           | 20°50'06   |
| greatest brilliancy | -595 Nov 11 j 16:54 | 29°M25'09               | -0.7m      |                          | -594 Nov 07 j 16:35       | 0° <b>∡</b> ¹       |            |
|                     | -595 Nov 12 j 02:13 | 0° <b>∡</b> ¹           |            | retrograde               | -594 Nov 15 j 08:04       | 4° <b>∡</b> 15′23   |            |
| evening max el      | -595 Nov 23 j 23:29 | 15° <b>₹</b> 52'01      | 19°46'36   | asc. node                | -594 Nov 18 j 10:42       | 3° <b>∡</b> ¹20′23  |            |
| retrograde          | -595 Dec 01 j 10:27 | 20° <b>х</b> 12′56      |            | evening set              | -594 Nov 19 j 06:27       | 2° <b>∡</b> ¹46'58  |            |
| asc. node           | -595 Dec 01 j 13:40 | 20° <b>∡</b> 12'50      |            |                          | -594 Nov 22 j 01:41       | 30°RM₊              |            |
| evening set         | -595 Dec 04 j 23:19 | 18° <b>₹</b> 59'42      |            | inferior conj            | -594 Nov 24 j 15:52       | 26°M36′35           | 2°01'12    |
| inferior conj       | -595 Dec 10 j 11:28 | 13° <b>₹</b> 00'01      | 2°43'23    | minimum elong            | -594 Nov 24 j 13:27       | 26°M44'53           | 2°00'19    |
| minimum elong       | -595 Dec 10 j 08:38 | 13° <b>₹</b> 09'21      | 2°42'33    | min. Earth dist.         | -594 Nov 25 j 04:03       | 25°M54'56           | 0.67245 AU |
| min. Earth dist.    | -595 Dec 11 j 11:48 | 11° <b>₰</b> 39'40      | 0.66566 AU | morning rise             | -594 Nov 29 j 20:15       | 20°M22'45           |            |
| morning rise        | -595 Dec 15 j 17:45 | 6° <b>∡</b> 747'24      |            | direct                   | -594 Dec 05 j 05:51       | 18°M01'06           |            |
| direct              | -595 Dec 21 j 18:15 | 4° <b>₰</b> 07'27       |            | morning max el           | -594 Dec 16 j 05:08       | 24°M33'51           | 24°06'19   |
| morning max el      | -594 Jan 02 j 20:38 | 11° <b>∡</b> 18'27      | 25°30'39   |                          | -594 Dec 21 j 02:29       | 0° <b>√</b>         |            |
| desc. node          | -594 Jan 10 j 15:10 | 20° <b>∡</b> 15'17      |            | desc. node               | -594 Dec 28 j 12:14       | 9° <b>∡</b> ³34'39  |            |
|                     | -594 Jan 17 j 19:59 | 0°ಕ                     |            |                          | -593 Jan 11 j 07:22       | 0°₹                 |            |
|                     | -594 Feb 05 j 14:58 | 0° <b>≈</b>             |            | morning set              | -593 Jan 20 j 22:30       | 15° <b>る</b> 54'19  |            |
| morning set         | -594 Feb 08 j 03:07 | 4° <b>≈</b> 29'31       |            | max. Earth dist.         | -593 Jan 24 j 17:32       | 22° <b>る</b> 34'16  | 1.38214 AU |
| max. Earth dist.    | -594 Feb 11 j 21:32 | 11° <b>≈</b> 28'40      | 1.36237 AU |                          | -593 Jan 28 j 19:17       | 0° <b>≈</b>         |            |
|                     | 504 E 1 45 115 15   | 000 (2:::               | 1020100    |                          | 500 Y 01 150 11           | 50 / FIG. 1         | 1040100    |
| superior conj       | -594 Feb 17 j 16:19 | 22°≈43'43               |            | superior conj            | -593 Jan 31 j 20:41       | 5°≈45'34            |            |
| minimum elong       | -594 Feb 17 j 20:02 | 23°≈02'15               | 1°28'31    | minimum elong            | -593 Feb 01 j 00:08       | 6°≈02'00            | 1°47'52    |
|                     | -594 Feb 21 j 06:47 | 0° <b>∀</b>             |            | evening rise             | -593 Feb 09 j 17:02       | 23°≈02'23           |            |
| evening rise        | -594 Feb 25 j 18:31 | 9° <b>)</b> €09'00      |            | _                        | -593 Feb 13 j 07:03       | 0° <b>)</b> (°512°  |            |
| asc. node           | -594 Feb 27 j 13:00 | 12° <b>)</b> 42'45      |            | asc. node                | -593 Feb 14 j 10:04       | 2° <b>)</b> (07'28  | 1005       |
|                     | -594 Mar 09 j 04:46 | 0° <b>Υ</b>             | 10055      | evening max el           | -593 Feb 26 j 06:43       | 19° <b>)</b> (47'29 | 18°57'45   |
| evening max el      | -594 Mar 15 j 09:59 | 7° <b>Υ</b> 41'10       | 19°52'26   | retrograde               | -593 Mar 06 j 17:22       | 23° <b>)</b> (51'41 |            |
| retrograde          | -594 Mar 25 j 09:57 | 12° <b>Y</b> 28'36      |            | evening set              | -593 Mar 09 j 00:24       | 23° <b>)</b> (34′55 |            |
|                     |                     |                         |            |                          |                           |                     |            |

| •                         | omena of Mercury    |                     | •          |                  |                           |                    | ge 165      |
|---------------------------|---------------------|---------------------|------------|------------------|---------------------------|--------------------|-------------|
|                           |                     | -                   |            |                  | 901 BCE in historical cou |                    | 2924127     |
| inferior conj             | -593 Mar 17 j 00:08 | 19° <b>升</b> 19′09  |            | inferior conj    | -592 Feb 26 j 13:41       | 1° <b>H</b> 01'30  |             |
| minimum elong             | -593 Mar 17 j 04:36 | 19° <b>)</b> 11'14  |            | minimum elong    | -592 Feb 26 j 17:00       | 0° <b>)</b> 54'37  | 3°24'04     |
| min. Earth dist.          | -593 Mar 20 j 04:29 |                     | 0.57096 AU | i pod tie        | -592 Feb 27 j 19:12       | 30°R≈              | 0.50042.441 |
| morning rise              | -593 Mar 25 j 05:47 | 14° <b>)</b> 14'37  |            | min. Earth dist. | -592 Mar 01 j 00:01       | 28°≈12'29          | 0.59042 AU  |
| desc. node                | -593 Mar 26 j 11:23 | 13° <b>)</b> √47'36 |            | morning rise     | -592 Mar 04 j 23:53       | 25°≈30'44          |             |
| direct                    | -593 Mar 30 j 11:52 | 13° <b>)</b> €08'42 |            | direct           | -592 Mar 11 j 06:11       | 23° <b>≈</b> 47'18 |             |
| morning max el            | -593 Apr 13 j 18:47 | 20° <b>)</b> (33′37 | 25°46'13   | desc. node       | -592 Mar 12 j 08:25       | 23°≈50'25          |             |
|                           | -593 Apr 21 j 21:32 | 0° <b>Υ</b>         |            |                  | -592 Mar 24 j 00:11       | 0° <b>)</b> (      |             |
|                           | -593 May 09 j 10:34 | 0° <b>8</b>         |            | morning max el   | -592 Mar 25 j 13:39       | 1° <b>)</b> €27'49 | 26°59'28    |
| morning set               | -593 May 11 j 10:19 | 4° <b>8</b> 07'49   |            | _                | -592 Apr 15 j 00:34       | 0° <b>Υ</b>        |             |
| asc. node                 | -593 May 13 j 09:22 | 8° <b>8</b> 18'01   |            | morning set      | -592 Apr 24 j 20:13       | 18° <b>Y</b> 59′27 |             |
|                           |                     |                     |            | asc. node        | -592 Apr 29 j 06:25       | 28° <b>Y</b> 27'13 |             |
| superior conj             | -593 May 18 j 10:14 | 19° <b>8</b> 16'07  | 0°50'58    |                  | -592 Apr 29 j 23:26       | 0° <b>8</b>        |             |
| minimum elong             | -593 May 18 j 08:13 | 19° <b>8</b> 05'03  | 0°50'36    |                  |                           |                    |             |
| max. Earth dist.          | -593 May 19 j 04:34 | 20° <b>8</b> 56'16  | 1.32629 AU | superior conj    | -592 May 01 j 22:01       | 4° <b>8</b> 15'18  | 0°27'43     |
|                           | -593 May 23 j 09:20 | 0°II                |            | minimum elong    | -592 May 01 j 20:48       | 4° <b>8</b> 08'41  |             |
| evening rise              | -593 May 25 j 11:48 | 4° <b>∏</b> 24'28   |            | max. Earth dist. | -592 May 01 j 17:21       | 3° <b>8</b> 49'44  | 1.32375 AU  |
|                           | -593 Jun 08 j 07:06 | 0ಂ <b>ತಾ</b>        |            | evening rise     | -592 May 08 j 20:11       | 19° <b>8</b> 14'31 |             |
| desc. node                | -593 Jun 22 j 10:43 | 19° <b>©</b> 29'33  |            |                  | -592 May 14 j 04:00       | 0° <b>I</b> I      |             |
| evening max el            | -593 Jun 25 j 20:45 |                     | 27°08'51   |                  | -592 Jun 02 j 08:28       | 0ಂ <b>ತಾ</b>       |             |
|                           | -593 Jul 07 j 01:59 | $0^{\circ}\Omega$   |            | evening max el   | -592 Jun 06 j 21:24       | 4°950'14           | 26°19'32    |
| retrograde                | -593 Jul 09 j 18:34 | 0° <b>Ω</b> 18'58   |            | desc. node       | -592 Jun 08 j 07:42       | 6°≌08'46           |             |
|                           | -593 Jul 12 j 09:42 | 30° <b>₹</b> 5      |            | retrograde       | -592 Jun 20 j 22:08       | 12° <b>©</b> 04'22 |             |
| evening set               | -593 Jul 16 j 19:49 | 28° <b>©</b> 02'19  |            | evening set      | -592 Jun 27 j 08:14       | 10°©21'56          |             |
| min. Earth dist.          | -593 Jul 20 j 10:52 |                     | 0.61550 AU | min. Earth dist. | -592 Jul 01 j 10:27       | 7° <b>©</b> 43'43  | 0.59507 AU  |
| inferior conj             | -593 Jul 23 j 14:06 | 22° <b>©</b> 29'24  |            | inferior conj    | -592 Jul 04 j 18:42       | 5° <b>©</b> 08'03  | -4°40'29    |
| minimum elong             | -593 Jul 23 j 17:57 | 22° <b>©</b> 20'47  | 4°19'41    | minimum elong    | -592 Jul 04 j 19:51       | 5° <b>©</b> 05'48  | 4°40'26     |
| morning rise              | -593 Jul 30 j 17:39 | 17° <b>©</b> 34'10  |            | morning rise     | -592 Jul 12 j 09:37       | 0°935'02           |             |
| direct                    | -593 Aug 02 j 05:21 | 17° <b>©</b> 08'13  |            | direct           | -592 Jul 14 j 21:37       | 0°912'57           |             |
| morning max el            | -593 Aug 09 j 04:27 | 20° <b>©</b> 36'54  | 17°58'24   | morning max el   | -592 Jul 22 j 14:09       | 3° <b>©</b> 54'49  | 18°22'05    |
| asc. node                 | -593 Aug 09 j 08:33 | 20°5947'01          |            | asc. node        | -592 Jul 26 j 05:38       | 8° <b>©</b> 06'44  |             |
|                           | -593 Aug 16 j 05:25 | $0^{\circ}\Omega$   |            | morning set      | -592 Aug 07 j 15:23       | 29° <b>©</b> 25'51 |             |
| morning set               | -593 Aug 25 j 03:45 | 15° <b>Ω</b> 44'50  |            |                  | -592 Aug 07 j 22:32       | $0^{\circ}\Omega$  |             |
|                           | -593 Sep 02 j 00:41 | O° My               |            |                  |                           |                    |             |
|                           |                     |                     |            | superior conj    | -592 Aug 16 j 20:21       | 16° <b>Ω</b> 48'37 | 1°40'44     |
| superior conj             | -593 Sep 04 j 14:24 | 4° Mp31′23          | 1°23'03    | minimum elong    | -592 Aug 16 j 23:00       | 17° <b>Ω</b> 00'49 | 1°40'35     |
| minimum elong             | -593 Sep 04 j 19:04 | 4° Mp 51′41         | 1°22'35    |                  | -592 Aug 24 j 06:10       | 0° <b>m</b>        |             |
| max. Earth dist.          | -593 Sep 12 j 01:29 | 17° <b>m</b> 11'08  | 1.42358 AU | max. Earth dist. | -592 Aug 24 j 07:53       | 0° Mp 07′25        | 1.40484 AU  |
| desc. node                | -593 Sep 18 j 10:04 | 27° <b>m</b> 27'45  |            | evening rise     | -592 Aug 28 j 21:44       | 7° m 50′32         |             |
| evening rise              | -593 Sep 18 j 13:40 | 27° Mp 41'59        |            | desc. node       | -592 Sep 04 j 07:05       | 18° Mp 07'16       |             |
|                           | -593 Sep 20 j 00:43 | 0∘ <b>⊽</b>         |            |                  | -592 Sep 12 j 02:55       | 0∘ <b>ত</b>        |             |
|                           | -593 Oct 10 j 08:57 | 0°M₊                |            | evening max el   | -592 Oct 02 j 10:51       | 26° <b>≏</b> 19'23 | 23°23'52    |
| evening max el            | -593 Oct 20 j 20:09 | 12°M48'42           | 22°04'11   |                  | -592 Oct 06 j 15:45       | 0°M                |             |
| retrograde                | -593 Oct 30 j 04:10 | 18°M21'44           |            | retrograde       | -592 Oct 12 j 21:24       | 2°M29'40           |             |
| evening set               | -593 Nov 03 j 14:13 | 16°M36'11           |            | evening set      | -592 Oct 17 j 20:57       | 0°M25'49           |             |
| asc. node                 | -593 Nov 05 j 07:45 | 14°M56'58           |            |                  | -592 Oct 18 j 08:37       | 30° <b>₹</b> Ω     |             |
| inferior conj             | -593 Nov 08 j 22:28 | 10°M18'39           | 1°13'17    | asc. node        | -592 Oct 22 j 04:48       | 25° <b>≏</b> 28'58 |             |
| minimum elong             | -593 Nov 08 j 20:51 | 10°M24'16           | 1°12'37    | inferior conj    | -592 Oct 23 j 05:28       | 24° <b>≏</b> 04'44 | 0°21'16     |
| min. Earth dist.          | -593 Nov 08 j 23:40 | 10°M14'30           | 0.67585 AU | minimum elong    | -592 Oct 23 j 04:58       | 24° <b>≏</b> 06'28 | 0°21'02     |
| morning rise              | -593 Nov 14 j 03:20 | 4°M05'57            |            | min. Earth dist. | -592 Oct 22 j 20:15       | 24° <b>≏</b> 36'20 | 0.67605 AU  |
| direct                    | -593 Nov 18 j 21:50 | 2°M06'14            |            | morning rise     | -592 Oct 28 j 12:55       | 17° <b>≏</b> 55'40 |             |
| morning max el            | -593 Nov 28 j 15:26 | 7° <b>M</b> 52'49   | 22°38'41   | direct           | -592 Nov 01 j 17:12       | 16° <b>≏</b> 18'20 |             |
| desc. node                | -593 Dec 15 j 09:17 | 29°M23'50           |            | morning max el   | -592 Nov 10 j 07:11       | 21° <b>≏</b> 19'50 | 21°16'07    |
|                           | -593 Dec 15 j 19:16 | 0° <b>∡</b> 7       |            |                  | -592 Nov 17 j 13:47       | 0°M₊               |             |
| morning set               | -592 Jan 01 j 14:13 | 25° <b>₹</b> 56'02  |            | desc. node       | -592 Dec 01 j 06:20       | 19° <b>™</b> 34'34 |             |
|                           | -592 Jan 04 j 01:11 | 0°ප                 |            |                  | -592 Dec 08 j 02:20       | 0° <b>∡</b>        |             |
| max. Earth dist.          | -592 Jan 06 j 13:19 | 4° <b>る</b> 13'33   | 1.40338 AU | morning set      | -592 Dec 11 j 01:42       | 4° <b>∡</b> ³38'37 |             |
|                           |                     |                     |            | max. Earth dist. | -592 Dec 18 j 15:42       | 16° <b>х</b> 49′03 | 1.42309 AU  |
| superior conj             | -592 Jan 14 j 08:30 | 17° <b>る</b> 55'45  |            |                  |                           |                    |             |
| minimum elong             | -592 Jan 14 j 10:03 | 18° <b>る</b> 02'46  | 1°59'28    | superior conj    | -592 Dec 25 j 22:21       | 29° <b>∡</b> 01'17 |             |
|                           | -592 Jan 20 j 21:00 | 0° <b>≈</b>         |            | minimum elong    | -592 Dec 25 j 19:59       | 28° <b>≯</b> 51′07 | 1°58'51     |
| evening rise              | -592 Jan 24 j 05:53 | 6° <b>≈</b> 22′20   |            |                  | -592 Dec 26 j 12:01       | 0° <b>ට</b>        |             |
| asc. node                 | -592 Feb 01 j 07:05 | 21° <b>≈</b> 05'47  |            | evening rise     | -591 Jan 06 j 05:27       | 19° <b>る</b> 01'26 |             |
|                           | -592 Feb 07 j 07:00 | 0° <b>)</b> €       |            |                  | -591 Jan 12 j 08:29       | 0° <b>≈</b>        |             |
| evening max el            | 500 E 1 00 : 11 41  | 201/24142           | 18°23'05   | asc. node        | -591 Jan 18 j 04:06       | 9° <b>≈</b> 29'39  |             |
|                           | -592 Feb 09 j 11:41 | 2° <b>)</b> 24'43   | 18 23 03   |                  | -                         | 9 ~2939            |             |
| retrograde                | -592 Feb 16 j 19:37 | 6° <b>₩</b> 01'50   | 18 23 03   | evening max el   | -591 Jan 22 j 21:50       | 15° <b>≈</b> 24'23 | 18°08'17    |
| retrograde<br>evening set |                     |                     | 18 23 03   |                  | -                         |                    | 18°08'17    |

| -                | -  |                                       | •           | * * * · · · · · · · · · · · · · · · · · | 901 BCE in historical cou                  |                              | 50 100      |
|------------------|--|---------------------------------------|-------------|---|--|------------------------------|-------------|
| evening set      | -591 Feb 01 j 07:12                        | 18° <b>≈</b> 17'35                    |             | evening set                             | -590 Jan 15 j 18:51                        | 1° <b>≈</b> 24'46            |             |
| inferior conj    | -591 Feb 07 j 22:37                        | 13° <b>≈</b> 19'52                    | 3°49'27     | · ·                                     | -590 Jan 17 j 23:20                        | 30°Rる                        |             |
| minimum elong    | -591 Feb 07 j 23:37                        | 13° <b>≈</b> 17'29                    | 3°49'23     | inferior conj                           | -590 Jan 21 j 23:12                        | 26° <b>පි</b> 06'51          | 3°50'06     |
| min. Earth dist. | -591 Feb 11 j 02:03                        | 10° <b>≈</b> 20'40                    | 0.61132 AU  | minimum elong                           | -590 Jan 21 j 22:10                        | 26° <b>පි</b> 09'40          | 3°50'03     |
| morning rise     | -591 Feb 14 j 14:32                        | 7°≈31'24                              |             | min. Earth dist.                        | -590 Jan 24 j 13:16                        | 23° <b>る</b> 19'50           | 0.63081 AU  |
| direct           | -591 Feb 21 j 11:04                        | 5°≈12'39                              |             | morning rise                            | -590 Jan 28 j 00:38                        | 20° <b>ප</b> 07'11           |             |
| desc. node       | -591 Feb 27 j 05:28                        | 6° <b>≈</b> 40'50                     |             | direct                                  | -590 Feb 04 j 00:47                        | 17° <b>る</b> 24'15           |             |
| morning max el   | -591 Mar 07 j 14:53                        | 13° <b>≈</b> 01'06                    | 27°40'09    | desc. node                              | -590 Feb 14 j 02:31                        | 21° <b>る</b> 50'29           |             |
| _                | -591 Mar 21 j 03:47                        | 0° <b>∀</b>                           |             | morning max el                          | -590 Feb 17 j 21:38                        | 25° <b>る</b> 15'29           | 27°43'54    |
|                  | -591 Apr 07 j 07:32                        | $0$ $^{\circ}$ $\mathbf{\Upsilon}$    |             |   | -590 Feb 22 j 06:33                        | 0° <b>≈</b>                  |             |
| morning set      | -591 Apr 09 j 02:24                        | 3° <b>Ƴ</b> 37'45                     |             |   | -590 Mar 14 j 14:00                        | 0° <b>)</b> €                |             |
| max. Earth dist. | -591 Apr 15 j 05:20                        | 16° <b>Ƴ</b> 38'05                    | 1.32482 AU  | morning set                             | -590 Mar 24 j 02:40                        | 17° <b>)</b> 55′23           |             |
|                  |  |                                       |             | max. Earth dist.                        | -590 Mar 29 j 12:28                        | 29° <b>)</b> €07'20          | 1.32973 AU  |
| superior conj    | -591 Apr 16 j 09:02                        | 19° <b>Ƴ</b> 09'06                    | 0°02'29     |   | -590 Mar 29 j 22:22                        | $0^{\circ}\mathbf{\Upsilon}$ |             |
| minimum elong    | -591 Apr 16 j 08:55                        | 19° <b>Ƴ</b> 08'29                    | 0°02'28     |   |  |                              |             |
| behind sun begin | -591 Apr 16 j 03:54                        | 18° <b>Ƴ</b> 41'04                    |             | superior conj                           | -590 Mar 31 j 17:39                        | 3° <b>Y</b> 52′00            | -0°23'55    |
| behind sun end   | -591 Apr 16 j 13:56                        | 19° <b>Ƴ</b> 35'54                    |             | minimum elong                           | -590 Mar 31 j 18:47                        | 3° <b>Ƴ</b> 58'07            | 0°23'41     |
| asc. node        | -591 Apr 16 j 03:26                        | 18° <b>Ƴ</b> 38'33                    |             | asc. node                               | -590 Apr 03 j 00:28                        | 8° <b>Ƴ</b> 48'14            |             |
|                  | -591 Apr 21 j 08:29                        | 0°8                                   |             | evening rise                            | -590 Apr 07 j 19:02                        | 19° <b>Ƴ</b> 03'09           |             |
| evening rise     | -591 Apr 23 j 07:12                        | 4° <b>8</b> 09'35                     |             |   | -590 Apr 13 j 04:30                        | 0°8                          |             |
| -                | -591 May 07 j 03:52                        | $\Pi^{\circ}0$                        |             | evening max el                          | -590 May 01 j 05:53                        | 26° <b>8</b> 33'27           | 23°29'39    |
| evening max el   | -591 May 19 j 15:17                        | 15° <b>Ⅱ</b> 55'24                    | 25°02'30    |   | -590 May 05 j 09:15                        | $\Pi^{\circ}0$               |             |
| desc. node       | -591 May 26 j 04:43                        | 20° <b>Ⅱ</b> 55'54                    |             | desc. node                              | -590 May 13 j 01:42                        | 3° <b>Ⅱ</b> 14′25            |             |
| retrograde       | -591 Jun 02 j 15:23                        | 23° <b>Ⅱ</b> 02'37                    |             | retrograde                              | -590 May 14 j 20:40                        | 3° <b>Ⅱ</b> 21'43            |             |
| evening set      | -591 Jun 07 j 21:40                        | 21° <b>Ⅱ</b> 59′02                    |             | evening set                             | -590 May 18 j 16:14                        | 2° <b>Ⅱ</b> 49'40            |             |
| min. Earth dist. | -591 Jun 13 j 02:54                        |                                       | 0.57528 AU  | <i>3</i>                                | -590 May 24 j 23:56                        | 30° <b>₹</b> 8               |             |
| inferior conj    | -591 Jun 16 j 04:09                        | 17° <b>Ⅱ</b> 07'22                    |             | min. Earth dist.                        | -590 May 25 j 16:16                        |                              | 0.55946 AU  |
| minimum elong    | -591 Jun 16 j 00:55                        | 17° <b>Ⅱ</b> 12'51                    |             | inferior conj                           | -590 May 27 j 17:33                        | 28° <b>8</b> 22'52           |             |
| morning rise     | -591 Jun 24 j 06:55                        | 12° <b>Ⅲ</b> 56'01                    | . 3120      | minimum elong                           | -590 May 27 j 10:44                        | 28° <b>8</b> 33'03           |             |
| direct           | -591 Jun 26 j 20:26                        | 12° <b>Ⅱ</b> 36'46                    |             | morning rise                            | -590 Jun 05 j 08:05                        | 24° <b>8</b> 26'26           |             |
| morning max el   | -591 Jul 05 j 16:24                        | 16° <b>∏</b> 44'17                    | 19°06'27    | direct                                  | -590 Jun 07 j 23:49                        | 24° <b>8</b> 08'59           |             |
| asc. node        | -591 Jul 13 j 02:41                        | 26° <b>Ⅱ</b> 17'42                    | 19 0027     | morning max el                          | -590 Jun 18 j 08:44                        | 28° <b>8</b> 56'44           | 20°11'42    |
| use. Hous        | -591 Jul 15 j 07:50                        | 0°ಅ                                   |             | moning man er                           | -590 Jun 19 j 10:44                        | 0°Ⅱ                          | 20 11 .2    |
| morning set      | -591 Jul 22 j 12:49                        | 13° <b>5</b> 36'31                    |             | asc. node                               | -590 Jun 29 j 23:45                        | 15° <b>I</b> 08'01           |             |
| morning sec      | 3)1 Jul 22 j 12.1)                         | 13 - 3031                             |             | morning set                             | -590 Jul 06 j 17:04                        | 28° <b>I</b> 108'53          |             |
| superior conj    | -591 Jul 30 j 20:52                        | 0° <b>Ω</b> 02'05                     | 1°47'20     | morning sec                             | -590 Jul 07 j 14:53                        | 0°9                          |             |
| minimum elong    | -591 Jul 30 j 21:20                        | 0° <b>Ω</b> 04'21                     |             |   | 370 Jul 07 j 14.33                         | <b>0</b>                     |             |
| minimum clong    | -591 Jul 30 j 20:26                        | 0° <b>Ω</b>                           | 1 4/1/      | superior conj                           | -590 Jul 14 j 10:48                        | 13° <b>©</b> 56'59           | 1°45'07     |
| max. Earth dist. | -591 Aug 06 j 11:00                        |                                       | 1.38475 AU  | minimum elong                           | -590 Jul 14 j 09:37                        | 13° <b>©</b> 50'59           |             |
| evening rise     | -591 Aug 10 j 06:50                        | 19° <b>Ω</b> 09'53                    | 1.50475 AU  | max. Earth dist.                        | -590 Jul 19 j 15:54                        | 24°912'05                    | 1.36585 AU  |
| evening rise     | -591 Aug 16 j 17:24                        | 0° <b>m</b>                           |             | max. Earth dist.                        | -590 Jul 22 j 17:49                        | 0°Ω                          | 1.50505 710 |
| desc. node       | -591 Aug 22 j 04:06                        | 8° Mp 36'43                           |             | evening rise                            | -590 Jul 23 j 14:36                        | 1° <b>Ω</b> 35'31            |             |
| desc. flode      | -591 Sep 06 j 07:41                        | 0∘ <b>⊽</b>                           |             | desc. node                              | -590 Jul 23 j 14:30<br>-590 Aug 09 j 01:05 | 28° <b>Ω</b> 50'54           |             |
| evening max el   | -591 Sep 14 j 22:44                        | 0 <b>==</b><br>9° <b>ჲ</b> 52'40      | 24°42'52    | desc. Hode                              | -590 Aug 09 j 19:41                        | 0° m                         |             |
| retrograde       | -591 Sep 26 j 10:48                        | 16° <b>£</b> 35'06                    | 24 42 32    | evening max el                          | -590 Aug 28 j 09:58                        | 23° m/28'06                  | 25°53'47    |
| evening set      | -591 Oct 02 j 00:56                        | 10 <b>≅</b> 33 00 14° <b>£</b> 13'24  |             | evening max ci                          | -590 Sep 06 j 17:20                        | 23 ಗ್ಗು28 00<br>0° <b>೧</b>  | 23 33 47    |
| min. Earth dist. | -591 Oct 02 j 00:30                        | 8° <b>£</b> 58'08                     | 0.67305 AU  | retrograde                              | -590 Sep 00 j 17:20                        | 0° <b>⊆</b> 33'20            |             |
| inferior conj    | -591 Oct 00 j 13:24<br>-591 Oct 07 j 11:08 | 7° <b>£</b> 52'31                     |             | retrograde                              | -590 Sep 12 j 17:34                        | 0 ==33 20<br>30°R Mp         |             |
| minimum elong    | -591 Oct 07 j 11:58                        | 7 <b>≗</b> 32 31<br>7° <b>£</b> 49'47 |             | evening set                             | -590 Sep 12 j 17.34<br>-590 Sep 16 j 00:20 | 30 หูแม่<br>27° Mp 56'50     |             |
| asc. node        | -591 Oct 09 j 01:51                        | 5° <b>£</b> 46'23                     | 0 33 02     | min. Earth dist.                        |  | 23° m/ 17'43                 | 0.66676 AU  |
| morning rise     | -591 Oct 12 j 23:03                        | 1° <b>£</b> 46′23                     |             | inferior conj                           | -590 Sep 20 j 06:48<br>-590 Sep 21 j 13:43 | 23° m/ 40'01                 |             |
| direct           | -591 Oct 16 j 14:46                        | 0° <b>£</b> 32'51                     |             | minimum elong                           | -590 Sep 21 j 15:57                        | 21° m/ 32'57                 |             |
|                  | =  | 0 <b>ല</b> 32 31<br>4° <b>Ω</b> 57'02 | 20°04'21    | _                                       |  |                              | 1 28 10     |
| morning max el   | -591 Oct 24 j 06:29                        |                                       | 20 04 21    | asc. node                               | -590 Sep 25 j 22:56                        | 16° Mp 46'54                 |             |
| daga mada        | -591 Nov 11 j 14:10                        | 0°M                                   |             | morning rise                            | -590 Sep 27 j 07:49                        | 15° Mp 46'15                 |             |
| desc. node       | -591 Nov 18 j 03:23                        | 10°M00'19                             |             | direct                                  | -590 Sep 30 j 13:05                        | 14° Mp 46'34                 | 10007140    |
| morning set      | -591 Nov 19 j 22:29                        | 12°M46'33                             |             | morning max el                          | -590 Oct 07 j 13:04                        | 18° Mp 43'02                 | 19°06'40    |
| may Faul 11 /    | -591 Nov 30 j 21:50                        | 0° <b>⊼</b><br>0°. <b>⊼</b> 1.5!27    | 1 42040 *** |   | -590 Oct 16 j 06:17                        | 0∘ <b>ত</b>                  |             |
| max. Earth dist. | -591 Dec 01 j 01:45                        | U' <b>x</b> '15'3/                    | 1.43848 AU  | morning set                             | -590 Oct 30 j 04:59                        | 21° <b>Ω</b> 30'13           |             |
|                  | 501 D 06:00 20                             | 00 750110                             | 1041157     | J 1                                     | -590 Nov 04 j 15:08                        | 0°M                          |             |
| superior conj    | -591 Dec 06 j 09:39                        | 8° <b>₹</b> 52'12                     |             | desc. node                              | -590 Nov 05 j 00:24                        | 0°M36'18                     | 1 44774 *** |
| minimum elong    | -591 Dec 06 j 02:44                        | 8° <b>∡</b> 723'57                    | 1*41'26     | max. Earth dist.                        | -590 Nov 13 j 17:09                        | 14°M15'44                    | 1.44774 AU  |
|                  | -591 Dec 18 j 23:34                        | 0°る                                   |             |   | 500 N                                      | 170m 270                     | 100754      |
| evening rise     | -591 Dec 19 j 11:30                        | 0°る51'19                              |             | superior conj                           | -590 Nov 15 j 20:08                        | 17°M37'01                    |             |
| asc. node        | -590 Jan 05 j 01:07                        | 27° <b>る</b> 08'45                    | 10012122    | minimum elong                           | -590 Nov 15 j 12:27                        |                              | 1°06'00     |
| evening max el   | -590 Jan 06 j 10:13                        | 28° <b>る</b> 38'48                    | 18°12'53    |   | -590 Nov 23 j 14:28                        | 0° ⊀ <b>7</b>                |             |
| ,                | -590 Jan 07 j 21:46                        | 0°≈<br>2°07!05                        |             | evening rise                            | -590 Nov 30 j 19:41                        | 11° <b>₹</b> 43'33           |             |
| retrograde       | -590 Jan 12 j 22:09                        | 2°≈07'05                              |             |   | -590 Dec 12 j 01:40                        | 0°₹                          |             |

| •  | omena or Mercury  |   | •                                 |   |  |   | ge 107             |
|--|---|---|-----------------------------------|---|--|---|--------------------|
|  |   | -   |                                   |   | 901 BCE in historical cou  |   | 10017124           |
| evening max el   | -590 Dec 20 j 22:09   | 12°る01'04   | 18°36'02                          | evening max el  | -589 Dec 04 j 07:21  | 25° 🖈 27'45   | 19°16'24           |
| asc. node  | -590 Dec 22 j 22:10   | 13° <b>る</b> 49'33  |                                   | asc. node   | -589 Dec 09 j 19:14  | 29° <b>√</b> 17'41  |                    |
| retrograde   | -590 Dec 27 j 13:29   | 15° <b>る</b> 42'33  |                                   | retrograde  | -589 Dec 11 j 09:12  | 29° <b>∡</b> 31'39  |                    |
| evening set  | -590 Dec 30 j 15:13   | 14° <b>る</b> 49'37  |                                   | evening set   | -589 Dec 14 j 17:32  | 28° <b>≯</b> 26′22  |                    |
| inferior conj  | -589 Jan 05 j 11:27   | 9° <b>る</b> 13'34   | 3°33'27                           | inferior conj   | -589 Dec 20 j 08:04  | 22° <b>҂</b> ³34'42   | 3°04'24            |
| minimum elong  | -589 Jan 05 j 09:08   | 9° <b>る</b> 20'28   | 3°33'05                           | minimum elong   | -589 Dec 20 j 05:14  | 22° <b>∡</b> ¹43'45   | 3°03'41            |
| min. Earth dist.   | -589 Jan 07 j 10:18   | 6° <b>る</b> 54'24   | 0.64730 AU                        | min. Earth dist.  | -589 Dec 21 j 16:14  | 20° <b>∡</b> ¹51'51   | 0.66009 AU         |
| morning rise   | -589 Jan 11 j 02:37   | 3° <b>⋜</b> 06'58   |                                   | morning rise  | -589 Dec 25 j 16:41  | 16° <b>х</b> 23′50  |                    |
| direct   | -589 Jan 17 j 21:52   | 0°る14'37  |                                   | direct  | -588 Jan 01 j 01:11  | 13° <b>∡</b> ³36′05   |                    |
| morning max el   | -589 Jan 31 j 06:59   | 8° <b>ප</b> 00'10   | 27°12'53                          | morning max el  | -588 Jan 13 j 16:24  | 21° <b>₹</b> 03'19  | 26°13'45           |
| desc. node   | -589 Jan 31 i 23:34   | 8° <b>る</b> 42'15   |                                   | desc. node  | -588 Jan 18 j 20:38  | 26° <b>∡</b> 747'01   |                    |
|  | -589 Feb 17 j 09:37   | 0° <b>≈</b>   |                                   |   | -588 Jan 21 j 11:09  | 0°ರ   |                    |
|  | -589 Mar 06 j 20:59   | 0° <b>)</b> €   |                                   |   | -588 Feb 10 j 13:40  | 0° <b>≈</b>   |                    |
| morning set  | -589 Mar 07 j 18:01   | 1° <b>)</b> (41'41  |                                   | morning set   | -588 Feb 18 j 20:32  | 14° <b>≈</b> 44'43  |                    |
| max. Earth dist.   |   | 11° <b>)</b> (4141  | 1.33885 AU                        | max. Earth dist.  | •  | 22°≈25'47   | 1.35253 AU         |
| max. Earm dist.  | -589 Mar 12 j 10:38   | 11 70400  | 1.33863 AU                        | max. Earth dist.  | -588 Feb 22 j 21:08  |   | 1.55255 AU         |
|  | 500 3.6 15:01.51  | 1001/16/20  | 0050105                           |   | -588 Feb 26 j 16:31  | 0° <b>ℋ</b>   |                    |
| superior conj  | -589 Mar 15 j 21:51   | 18° <b>∺</b> 16'38  |                                   |   |  |   |                    |
| minimum elong  | -589 Mar 16 j 00:14   | 18° <b>¥</b> 29'11  | 0°50'00                           | superior conj   | -588 Feb 27 j 19:19  | 2° <b>升</b> 16′04   |                    |
| asc. node  | -589 Mar 20 j 21:30   | 28° <b>¥</b> 51′20  |                                   | minimum elong   | -588 Feb 27 j 22:42  | 2° <b>)</b> €33'22  | 1°15'12            |
|  | -589 Mar 21 j 10:27   | $0$ ° $\Upsilon$  |                                   | evening rise  | -588 Mar 06 j 13:32  | 18° <b>升</b> 17′52  |                    |
| evening rise   | -589 Mar 23 j 05:46   | 3° <b>Ƴ</b> 47'56   |                                   | asc. node   | -588 Mar 06 j 18:32  | 18° <b>)</b> 43′35  |                    |
|  | -589 Apr 06 j 20:40   | $8^{\circ}$   |                                   |   | -588 Mar 12 j 11:43  | $0$ ° $\mathbf{\Upsilon}$   |                    |
| evening max el   | -589 Apr 13 j 00:07   | 7° <b>8</b> 13'32   | 21°55'46                          | evening max el  | -588 Mar 25 j 03:48  | 18° <b>Ƴ</b> 21'05  | 20°32'38           |
| retrograde   | -589 Apr 25 j 14:15   | 13° <b>8</b> 22'34  |                                   | retrograde  | -588 Apr 05 j 03:19  | 23° <b>Ƴ</b> 37'35  |                    |
| evening set  | -589 Apr 28 j 05:48   | 13° <b>8</b> 06'56  |                                   | evening set   | -588 Apr 07 j 07:21  | 23° <b>Y</b> 26'06  |                    |
| desc. node   | -589 Apr 29 j 22:44   | 12° <b>8</b> 41'19  |                                   | desc. node  | -588 Apr 15 j 19:48  | 19° <b>Y</b> 50′06  |                    |
| min. Earth dist.   | -589 May 07 j 05:22   | 9° <b>8</b> 16'33   | 0.55096 AU                        | inferior conj   | -588 Apr 16 j 10:39  | 19° <b>Υ</b> 28'38  | 0°10'36            |
|  |   | 9° <b>8</b> 02'01   |                                   | •   |  | 19 <b>γ</b> 28 38<br>19° <b>γ</b> 29'21   | 0°10'25            |
| inferior conj  | -589 May 07 j 15:42   |   | 2°06'48                           | minimum elong   | -588 Apr 16 j 10:09  | 19 <b>γ</b> 29 21<br>19° <b>γ</b> 29'21   | 0°10'25            |
| minimum elong  | -589 May 07 j 09:59   | 9° <b>8</b> 10'04   | 2 00 48                           | transit middle  | -588 Apr 16 j 10:09  |   | 0-10-25            |
| morning rise   | -589 May 16 j 15:22   | 5° <b>8</b> 05'40   |                                   | transit begin   | -588 Apr 16 j 07:05  | 19° <b>Ƴ</b> 33'48  |                    |
| direct   | -589 May 19 j 13:09   | 4° <b>8</b> 46'51   |                                   | transit end   | -588 Apr 16 j 13:13  | 19° <b>Y</b> 24'55  |                    |
| morning max el   | -589 May 31 j 13:58   | 10° <b>8</b> 26'15  | 21°36'01                          | min. Earth dist.  | -588 Apr 17 j 18:56  | 18° <b>Ƴ</b> 41'53  | 0.55184 AU         |
|  | -589 Jun 14 j 12:10   | $\Pi$ $\circ 0$   |                                   | morning rise  | -588 Apr 25 j 11:44  | 15° <b>Ƴ</b> 14'10  |                    |
| asc. node  | -589 Jun 16 j 20:48   | 4° <b>Ⅱ</b> 27'34   |                                   | direct  | -588 Apr 29 j 01:00  | 14° <b>Ƴ</b> 46'47  |                    |
| morning set  | -589 Jun 21 j 01:46   | 12° <b>∏</b> 56′04  |                                   | morning max el  | -588 May 12 j 09:35  | 21° <b>Y</b> 17'03  | 23°13'39           |
|  |   |   |                                   |   | -588 May 19 j 20:58  | $_{0\circ}$ 8   |                    |
| superior conj  | -589 Jun 28 j 10:05   | 28° <b>Ⅲ</b> 20′53  | 1°36'03                           | asc. node   | -588 Jun 02 j 17:50  | 24° <b>8</b> 08'41  |                    |
| minimum elong  | -589 Jun 28 j 07:55   | 28° <b>Ⅱ</b> 09'33  | 1°35'52                           | morning set   | -588 Jun 04 j 12:59  | 27° <b>8</b> 52'13  |                    |
| Č  | -589 Jun 29 j 05:10   | 0ಂತಾ  |                                   | Ü   | -588 Jun 05 j 13:14  | $\Pi^{\circ}0$  |                    |
| max. Earth dist.   | -589 Jul 02 j 04:24   | 6°904'36  | 1.34991 AU                        |   |  |   |                    |
| evening rise   | -589 Jul 06 j 16:06   | 14° <b>©</b> 54'19  |                                   | superior conj   | -588 Jun 11 j 15:38  | 13° <b>Ⅱ</b> 04'07  | 1°21'41            |
| e vennig 1150  | -589 Jul 15 j 00:04   | 0°N   |                                   | minimum elong   | -588 Jun 11 j 13:07  | 12° <b>Ⅱ</b> 50'39  | 1°21'21            |
| desc. node   | -589 Jul 26 j 22:06   | 18° <b>Ω</b> 42'54  |                                   | max. Earth dist.  | -588 Jun 14 j 02:52  | 18° <b>I</b> I18'30   | 1.33776 AU         |
| desc. Hode   | -   |   |                                   |   | -  | 28° <b>I</b> I52'31   | 1.55770 AU         |
|  | -589 Aug 04 j 11:10   | 0° Mp   | 26949140                          | evening rise  | -588 Jun 19 j 06:37  |   |                    |
| evening max el   | -589 Aug 10 j 21:49   | 7° mp 01'15   | 20-48-49                          |   | -588 Jun 19 j 20:15  | 0°©   |                    |
| retrograde   | -589 Aug 23 j 23:34   | 14° mp 18'08  |                                   |   | -588 Jul 07 j 03:13  | 0°N   |                    |
| evening set  | -589 Aug 30 j 16:59   | 11° Tp 33'06  | 0.65606 : **                      | desc. node  | -588 Jul 12 j 19:08  | 8° <b>Ω</b> 02'42   | 2702012:           |
| min. Earth dist.   | -589 Sep 03 j 16:06   | 7° <b>m</b> 31'15   |                                   | evening max el  | -588 Jul 23 j 09:28  | 20° <b>Ω</b> 21'08  | 27°20'24           |
| inferior conj  | -589 Sep 05 j 11:14   | 5° Mp 24′20   |                                   | retrograde  | -588 Aug 05 j 21:36  | 27° <b>Ω</b> 40'54  |                    |
| minimum elong  | -589 Sep 05 j 14:47   | 5° Mp 13'52   | 2°22'38                           | evening set   | -588 Aug 13 j 00:03  | 24° <b>Ω</b> 56'46  |                    |
|  | -589 Sep 11 j 00:59   | $30^{\circ}$ R $\Omega$   |                                   | min. Earth dist.  | -588 Aug 16 j 17:02  | 21° <b>Ω</b> 30'46  | 0.64356 AU         |
| morning rise   | -589 Sep 11 j 13:05   | 29° <b>Ω</b> 42'39  |                                   | inferior conj   | -588 Aug 19 j 01:18  | 18° <b>Ω</b> 59'47  | -3°15'29           |
| asc. node  | -589 Sep 12 j 20:00   | 29° <b>Ω</b> 10'38  |                                   | minimum elong   | -588 Aug 19 j 05:46  | 18° <b>Ω</b> 47'46  | 3°14'09            |
|  | -369 Sep 12 J 20.00   |   |                                   |   |  |   |                    |
| direct   |   | 28° <b>Ω</b> 56′24  |                                   | morning rise  | -588 Aug 25 j 12:17  | 13° <b>£</b> 33'36  |                    |
| direct   | -589 Sep 14 j 10:21   | 28° <b>Ω</b> 56'24  |                                   | morning rise<br>direct  | -588 Aug 25 j 12:17<br>-588 Aug 28 j 04:02   |   |                    |
|  | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23  | 28° <b>Ω</b> 56'24<br>0° <b>m</b>   | 18°25'00                          | -   | -588 Aug 28 j 04:02  | 12° <b>Ω</b> 57′20  |                    |
| direct morning max el  | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12   | 28° <b>Q</b> 56'24<br>0° <b>m</b><br>2° <b>m</b> 34'14  | 18°25'00                          | direct asc. node  | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04   | 12° <b>Ω</b> 57'20<br>13° <b>Ω</b> 09'41  | 18°00'23           |
| morning max el   | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35  | 28° <b>\Omega</b> 56'24<br>0° <b>\Omega</b><br>2° <b>\Omega</b> 34'14<br>0° <b>\Omega</b>   | 18°25'00                          | direct  | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19  | 12° <b>Ω</b> 57'20<br>13° <b>Ω</b> 09'41<br>16° <b>Ω</b> 24'46  | 18°00'23           |
| morning max el   | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56   | 28° <b>Q</b> 56'24<br>0° <b>m</b><br>2° <b>m</b> 34'14<br>0° <b>Ω</b><br>1° <b>Ω</b> 34'41  | 18°25'00                          | direct<br>asc. node<br>morning max el   | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24   | 12°N57'20<br>13°N09'41<br>16°N24'46<br>0°M  | 18°00'23           |
| morning max el   | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35  | 28° <b>\Omega</b> 56'24<br>0° <b>\Omega</b><br>2° <b>\Omega</b> 34'14<br>0° <b>\Omega</b>   | 18°25'00                          | direct asc. node  | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24<br>-588 Sep 21 j 02:45  | 12° \$\alpha 57'20<br>13° \$\alpha 09'41<br>16° \$\alpha 24'46<br>0° \$\mathref{m}\$<br>13° \$\mathref{m}\$ 00'23   | 18°00′23           |
| morning max el<br>morning set<br>desc. node  | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56<br>-589 Oct 22 j 21:26  | 28° <b>A</b> 56'24<br>0° M<br>2° M 34'14<br>0° <u>മ</u><br>1° <u>മ</u> 34'41<br>21° <u>മ</u> 19'14  |                                   | direct<br>asc. node<br>morning max el   | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24   | 12°N57'20<br>13°N09'41<br>16°N24'46<br>0°M  | 18°00'23           |
| morning max el morning set desc. node superior conj                                | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56<br>-589 Oct 22 j 21:26  | 28° \$\alpha 56'24 0° \$\mathbf{m}\$ 2° \$\mathbf{m}\$ 34'14 0° \$\mathbf{n}\$ 1° \$\mathbf{n}\$ 34'41 21° \$\mathbf{n}\$ 19'14   | -0°19'16                          | direct<br>asc. node<br>morning max el<br>morning set                                | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24<br>-588 Sep 21 j 02:45<br>-588 Oct 01 j 06:41   | 12°N57'20<br>13°N09'41<br>16°N24'46<br>0°M<br>13°M00'23<br>0°Ω  |                    |
| morning max el morning set desc. node superior conj minimum elong                  | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56<br>-589 Oct 22 j 21:26<br>-589 Oct 25 j 20:28<br>-589 Oct 25 j 17:56  | 28° \$\mathbb{Q} 56'24 0° \$\mathbb{m}\$ 2° \$\mathbb{m} 34'14 0° \$\mathbb{\Omega}\$ 1° \$\mathbb{\Omega} 34'41 21° \$\mathbb{\Omega} 19'14 25° \$\mathbb{\Omega} 59'45 25° \$\mathbb{\Omega} 49'44  | -0°19'16<br>0°18'56               | direct asc. node morning max el morning set superior conj                           | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24<br>-588 Sep 21 j 02:45<br>-588 Oct 01 j 06:41<br>-588 Oct 04 j 08:37  | 12° N 57' 20<br>13° N 09' 41<br>16° N 24' 46<br>0° M<br>13° M 00' 23<br>0° <u>a</u><br>5° <u>a</u> 00' 54   | 0°28'46            |
| morning max el morning set desc. node superior conj                                | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56<br>-589 Oct 22 j 21:26<br>-589 Oct 25 j 20:28<br>-589 Oct 25 j 17:56<br>-589 Oct 27 j 11:29   | 28° \$\mathbb{Q} 56'24 0° \$\mathbb{m}\$ 2° \$\mathbb{m} 34'14 0° \$\mathbb{\Omega}\$ 1° \$\mathbb{\Omega} 34'41 21° \$\mathbb{\Omega} 19'14 25° \$\mathbb{\Omega} 59'45 25° \$\mathbb{\Omega} 49'44 28° \$\mathbb{\Omega} 33'22                    | -0°19'16                          | direct asc. node morning max el morning set superior conj minimum elong             | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24<br>-588 Sep 21 j 02:45<br>-588 Oct 01 j 06:41<br>-588 Oct 04 j 08:37<br>-588 Oct 04 j 11:50   | 12° N 57'20 13° N 09'41 16° N 24'46 0° M 13° M 00'23 0° • 5° • 00'54 5° • 13'57   |                    |
| morning max el morning set desc. node superior conj minimum elong max. Earth dist. | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56<br>-589 Oct 22 j 21:26<br>-589 Oct 25 j 20:28<br>-589 Oct 25 j 17:56<br>-589 Oct 27 j 11:29<br>-589 Oct 28 j 09:31                        | 28° \$\mathbb{Q} 56'24 0° \$\mathbb{m}\$ 2° \$\mathbb{m} 34'14 0° \$\mathbb{\Omega}\$ 1° \$\mathbb{\Omega} 34'41 21° \$\mathbb{\Omega} 19'14 25° \$\mathbb{\Omega} 59'45 25° \$\mathbb{\Omega} 49'44 28° \$\mathbb{\Omega} 33'22 0° \$\mathbb{M}\$. | -0°19'16<br>0°18'56               | direct asc. node morning max el morning set  superior conj minimum elong desc. node | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24<br>-588 Sep 21 j 02:45<br>-588 Oct 01 j 06:41<br>-588 Oct 04 j 08:37<br>-588 Oct 04 j 11:50<br>-588 Oct 08 j 18:29                        | 12° \$\alpha 57'20 13° \$\alpha 09'41 16° \$\alpha 24'46 0° \$\mathred{m}\$ 13° \$\mathred{m} 00'23 0° \$\alpha\$ 5° \$\alpha 00'54 5° \$\alpha 13'57 12° \$\alpha 05'24  | 0°28'46<br>0°28'20 |
| morning max el morning set desc. node superior conj minimum elong                  | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56<br>-589 Oct 22 j 21:26<br>-589 Oct 25 j 20:28<br>-589 Oct 25 j 17:56<br>-589 Oct 27 j 11:29   | 28° \$\mathbb{O}56'24 0° \$\mathbb{m}\$ 2° \$\mathbb{m}\$34'14 0° \$\mathbb{O}\$ 1° \$\mathbb{O}34'41 21° \$\mathbb{O}19'14 25° \$\mathbb{O}59'45 25° \$\mathbb{O}49'44 28° \$\mathbb{O}33'22 0° \$\mathbb{m}\$ 21° \$\mathbb{M}\$36'55             | -0°19'16<br>0°18'56               | direct asc. node morning max el morning set superior conj minimum elong             | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24<br>-588 Sep 21 j 02:45<br>-588 Oct 01 j 06:41<br>-588 Oct 04 j 08:37<br>-588 Oct 04 j 11:50   | 12° \$\alpha 57'20 13° \$\alpha 09'41 16° \$\alpha 24'46 0° \$\mathbf{m}\$ 13° \$\mathbf{m}\$ 00'23 0° \$\mathbf{s}\$ 5° \$\mathbf{s}\$ 00'54 5° \$\mathbf{s}\$ 13'57 12° \$\mathbf{s}\$ 05'24 12° \$\mathbf{s}\$ 50'26 | 0°28'46            |
| morning max el morning set desc. node superior conj minimum elong max. Earth dist. | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56<br>-589 Oct 22 j 21:26<br>-589 Oct 25 j 20:28<br>-589 Oct 25 j 17:56<br>-589 Oct 27 j 11:29<br>-589 Oct 28 j 09:31                        | 28° \$\mathbb{Q} 56'24 0° \$\mathbb{m}\$ 2° \$\mathbb{m} 34'14 0° \$\mathbb{\Omega}\$ 1° \$\mathbb{\Omega} 34'41 21° \$\mathbb{\Omega} 19'14 25° \$\mathbb{\Omega} 59'45 25° \$\mathbb{\Omega} 49'44 28° \$\mathbb{\Omega} 33'22 0° \$\mathbb{M}\$. | -0°19'16<br>0°18'56               | direct asc. node morning max el morning set  superior conj minimum elong desc. node | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24<br>-588 Sep 21 j 02:45<br>-588 Oct 01 j 06:41<br>-588 Oct 04 j 08:37<br>-588 Oct 04 j 11:50<br>-588 Oct 08 j 18:29                        | 12° N 57'20 13° N 09'41 16° N 24'46 0° M 13° M 00'23 0° • 5° • 00'54 5° • 13'57 12° • 05'24 12° • 50'26 0° M  | 0°28'46<br>0°28'20 |
| morning max el morning set desc. node superior conj minimum elong max. Earth dist. | -589 Sep 14 j 10:21<br>-589 Sep 17 j 21:23<br>-589 Sep 21 j 01:12<br>-589 Oct 09 j 14:35<br>-589 Oct 10 j 13:56<br>-589 Oct 22 j 21:26<br>-589 Oct 25 j 20:28<br>-589 Oct 25 j 17:56<br>-589 Oct 27 j 11:29<br>-589 Oct 28 j 09:31<br>-589 Nov 11 j 03:58 | 28° \$\mathbb{O}56'24 0° \$\mathbb{m}\$ 2° \$\mathbb{m}\$34'14 0° \$\mathbb{O}\$ 1° \$\mathbb{O}34'41 21° \$\mathbb{O}19'14 25° \$\mathbb{O}59'45 25° \$\mathbb{O}49'44 28° \$\mathbb{O}33'22 0° \$\mathbb{m}\$ 21° \$\mathbb{M}\$36'55             | -0°19'16<br>0°18'56<br>1.44988 AU | direct asc. node morning max el morning set  superior conj minimum elong desc. node | -588 Aug 28 j 04:02<br>-588 Aug 29 j 17:04<br>-588 Sep 03 j 16:19<br>-588 Sep 13 j 09:24<br>-588 Sep 21 j 02:45<br>-588 Oct 01 j 06:41<br>-588 Oct 04 j 08:37<br>-588 Oct 04 j 11:50<br>-588 Oct 08 j 18:29<br>-588 Oct 09 j 05:49 | 12° \$\alpha 57'20 13° \$\alpha 09'41 16° \$\alpha 24'46 0° \$\mathbf{m}\$ 13° \$\mathbf{m}\$ 00'23 0° \$\mathbf{s}\$ 5° \$\mathbf{s}\$ 00'54 5° \$\mathbf{s}\$ 13'57 12° \$\mathbf{s}\$ 05'24 12° \$\mathbf{s}\$ 50'26 | 0°28'46<br>0°28'20 |

| garantentillangen         588 Nov 031 (od.s)         2018 Nov. 031   | •                | -                    |                     | •             | , ·              | 001 BCE in historical cou |                     | C 100       |
|---|------------------|----------------------|---------------------|---------------|------------------|---------------------------|---------------------|-------------|
| - \$88 Nov   03   664   |                  |                      | -                   |               |                  |                           |                     | 1.43287 AU  |
| corningmace of circlograde         SSR Nov 24 [1618]         35°85 Nov 24 [1618]         21°82'95 Nov 24 [1618]         21°81'8144         corning set         SSR Nov 25 [1618]         12°81'8144         corning set         SSR Nov 27 [1618]         22°81'8144         corning set         SSR Nov 27 [1618]         22°81'8144         corning set         SSR Nov 27 [1618]         22°81'8144         corning set         SSR Nov 26 [1618]         22°81'8144         corning set         SSR Nov 10 [1070]         22°81'8144         22°82'8144         22°82'814         22°82'8144         22°82'814         22°82'8144         22°82'8144         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814         22°82'814   | · ·              | ·                    | 0° <b>∡</b> ¹       |               |                  |                           | 0∘ <del>⊽</del>     |             |
|   | evening max el   |                      | 8° <b>₹</b> '55'38  | 20°12'07      | desc. node       |                           | 2° <b>£</b> 51'43   |             |
| ase noted         588 Nov 25 j.16.18         15° 19'194         certain grant         587 Oct 23 j.10.35         0"The certain grant continuation of six Nov 06 j.01.51         27° 10'23         certain grant continuation of six Nov 06 j.01.51         27° 10'23         certain grant continuation of six Nov 06 j.01.51         27° 10'23         certain grant continuation of six Nov 02 j.01.50         27° 10'10' 10' 10' 10' 10' 10' 10' 10' 10'   | retrograde       | -588 Nov 24 j 06:42  | 13° <b>∡</b> ¹29'56 |               | evening rise     |                           | 9° <b>£</b> 40'05   |             |
| exeming ext         -888 Nov 27] 2328         12*P2*P3         cycling maxed         -878 Oct 30 10 105         2*P0873 P3 12*P1         2*P0873 P2*P1         2*P0873 P3*P1         2*P08733 P3*P1         2*P0873 P3*P1         2*P0873 P3*P1         2*  |                  | -588 Nov 25 j 16:18  | 13° <b>∡</b> 18'44  |               | •                | -587 Oct 13 j 10:35       | 0° <b>M</b> .       |             |
| infortioned         ASS Doc 63 [1015]         6°,97053         2°2410         covening act         587 Nov. 12 [1076]         2°H15425           minimamidiat         488 Doc 64 [1051]         5°,970210         0.6005 AU         acc node         587 Nov. 12 [1032]         25°H14603           morning rine         488 Doc 68 [1214]         0.9008.         acc node         587 Nov. 17 [1032]         19411603           direct         488 Doc 26 [1040]         0°F         inimirant ording         587 Nov. 17 [1032]         1941170           morning mac         488 Doc 26 [1040]         0°F         inimirant ording         587 Nov. 17 [1032]         1971170           morning act         688 Doc 26 [1040]         0°F         inimirant ording         587 Nov. 17 [1032]         1971170           morning act         688 Jun 14 [1030]         0°F         occupant         587 Doc 16 [1040]         0°F           morning act         688 Jun 14 [1040]         25°4272         occupant         587 Doc 16 [1040]         0°F           max. Earth dat         -887 Feb 10 [1065]         15°84124         173752         soccupant         588 Jun 24 [1043]         28°7615           saccinacio         -887 Feb 11 [1065]         15°84124         173752         soccupant         586 Jun 24 [1043]         28°753   | evening set      |                      | 12° <b>∡</b> 10′23  |               | evening max el   | -587 Oct 30 j 10:36       |                     | 21°20'31    |
| minimandong min and distantiation and min Fand dista                     | inferior conj    |                      | 6° <b>∡</b> ¹05'53  | 2°26'17       | retrograde       |                           | 27°MJ34'25          |             |
| min Farth dist         SSS Does Bis 1915         SS Pa2'91         06995 AU         ssc mode         SST Nov 1713 AU         1918 AU  | -                | ·                    | 6° <b>∡</b> 15'00   | 2°25'23       | -                |                           | 25°M58'39           |             |
| SSS Dec 08   12.14   30 PM   minimum clong   SST Nov 17   3.14   0.978,00   74/35 A   14/35 A | min. Earth dist. | -588 Dec 04 j 05:13  | 5° <b>∡</b> '02'10  | 0.66905 AU    | -                | -587 Nov 12 j 13:20       | 25°M46'03           |             |
| SSS Dec 08   12.14   30 PM   minimum clong   SST Nov 17   3.14   0.978,00   74/35 A   14/35 A | morning rise     | -588 Dec 08 j 15:25  | 29°M52'46           |               | inferior conj    | -587 Nov 17 j 15:48       | 19° <b>M</b> 44'40  | 1°41'26     |
| direct         S-88 Dec 14 j.09-50         27#LUYS2         mm. Farth dist         S7 Nov 17 j.25-00         19#LU90         0.678 SA DL           morning max         -88 Dec 26 j.00-55         4 ×2 1/31         22+5545         dece         -87 Nov 27 j.21-12         11 Pll, 1856           -87 Lun 6 j.19-51         -87 Lun 6 j.19-52         0°B         -87 The 0 j.12-23         0°B         -87 The 0 j.12-23         0°B         -87 The 0 j.12-24         1°F0 Hull  | Ü                |                      |                     |               | minimum elong    | -                         | 19°M52'00           | 1°40'36     |
| moming mast of .888 bc. 2 ij 0.044         o.92         moming mast of .887 bc. 2 ij 0.045         x 187 bc. 2 ij 1.045  | direct           | -588 Dec 14 j 09:50  | 27°M19'52           |               | min. Earth dist. | -587 Nov 17 j 23:06       | 19° <b>M</b> .19'30 |             |
| moming max of class in the class of the class                       |                  | ·                    | 0° <b>∡</b> ¹       |               | morning rise     | •                         |                     |             |
| desc, node         -8.78 Jan   4.1/1-72         18°s Parl 15/1-91         0" - 8.78 Jan   3.1/105/11         2 "S-7 Jan   3.1/105/11         3 "S-7 Jan   3.1/105/11  | morning max el   | ·                    | 4° <b>∡</b> 15'13   | 24°55'45      | •                | ·                         |                     |             |
| moming set (minimage set)         487 Im 3 i j j j 500         0°B         487 Have 3 j j j 500         0°B         488 Have 3 j j j 50         0°B         488 Have 3 j j 20         0°B         189 Have 3 j j 20  | •                | 3                    |                     |               | morning max el   |                           |                     | 23°28'53    |
| morning sed         .587 Lan J J J (50.01)         26°E49727         desc. node         .587 Feb 0 J 22.03         0°Se   |                  | ·                    |                     |               |                  |                           |                     |             |
| Septemble   1,3228   0%e   Septemble   1,3218   0%e   Septemble   1,3218 | morning set      | ·                    |                     |               | desc. node       | ·                         |                     |             |
| max. Earth dist.         587 Feb 03 j.21,03         3°96/80 l.37046 AU         max. Earth dist.         256 Jan 16 j.16.25         4°° 45 (40) l.2711 AU           superior conj         587 Feb 10 j.06.59         15°84134 l.23752         superior conj         586 Jan 24 j.04.53         28° 42.23 al. *14° 11° 12° 12° 12° 12° 12° 12° 12° 12° 12   | 3                | ·                    |                     |               |                  | •                         |                     |             |
| superior conj         587 Feb 10 10 6.59         15°ea/13 4         1°37172         superior conj         586 Jan         16 10 10.24         1 19 10 20         <  | max Earth dist   |                      |                     | 1 37046 AU    | morning set      |                           |                     |             |
| supprior conj         -587 Feb 1 0 j 1 0 j 6 0 j 9         15°8e41134         1°9752         supprior conj         -586 Jan         24 j 04:53         28°6230         1°54'10           evening rise         -587 Feb 1 1 j 10:56         0°H         minimum elong         -586 Jan         24 j 07:46         28°623'58         1°54'10           evening rise         -587 Feb 1 j 1 j 10:56         8°H 2001         evening rise         -586 Feb 0 g 1 j 12:33         1°84'10           evening mas el         -587 Mar 0 j 16:09         0°°P         see. node         -586 Feb 0 g 1 j 12:33         1°84'11           evening mas el         -587 Mar 1 j 0 j 16:38         0°°P0'95'2         1°926'46         evening mas el         -586 Feb 0 g 1 j 13:0         0°H           retrograde         -587 Mar 1 j 0 j 05:58         4°P'19'14         1°38'40         evening set         -586 Feb 18 j 19:02         12°42'52'9         18°40'11           retrograde         -587 Mar 2 j 10:12         0°P'003'6         18'729'         minimum elong         -586 Mar 10 j 0:10         16'H 16'38           retrograde         -587 Mar 2 j 0:10         0°P'003'6         18'729'         minimum elong         -586 Mar 10 j 0:10         18'H 23'30         29'616'           minimum elong         -587 Mar 2 j 0:10         28'747'32'         50.5182'2<   | man zam ust.     | 20/100 05 121.05     | 3 10 2000           | 1.5 / 0.10110 | •                | •                         |                     | 1 39117 AU  |
| minimum clong   | superior coni    | -587 Feb. 10 i 06:59 | 15°241'34           | -1°37'52      | max. Earth dist. | 500 Jun 10 j 10.25        | 11 01001            | 1.57117 110 |
| 154   154   154   155   156 |                  | ·                    |                     |               | superior coni    | -586 Ian 24 i 04:53       | 28° <b>云</b> 22'30  | -1°54'10    |
| evening rise         5.87 Feb   15   16.08         2°H2670         evening rise         5.86 Feb   25   10.50         16 % mode         27 % med         12 % mode         16 % mode         27 % med         12 % mode         16 % mode         27 % med         18 % mode         18 % mode <th< td=""><td>minimum ciong</td><td></td><td></td><td>1 37 20</td><td></td><td></td><td></td><td></td></th<>  | minimum ciong    |                      |                     | 1 37 20       |                  |                           |                     |             |
| asc. node         587 Feb 21 j 15.36         8°H2007         seconder         586 Feb 02 j 10.56         10°a0033  | evening rise     |                      |                     |               | minimum clong    |                           |                     | 1 3400      |
| centing max el         587 Mar 07 j 16:09         0°°°         ass. node         586 Feb 06 j 21:38         2°°×32 l         18:40 metrograde         587 Mar 17 j 10:22         4°°° 23:30 l         evening max el         586 Feb 16 j 31:90 l         21:22:22         18:40 s         <  | •                | ·                    |                     |               | avaning risa     |                           |                     |             |
| evening max el         -587 Mar 17 j 10:22         4°°V 3302         evening max el         -586 Feb   19 j 19:03         0°H           evening ade         -587 Mar 17 j 01:22         4°°V 3302         evening max el         -586 Feb   19 j 19:02         12°*252         18°4031           evening ade         -587 Mar 19 j 05:58         4°°V 19:14         retrograde         -586 Feb   20 j 17:02         16°*16'38         18°4031           minimum clong         -587 Mar 27 j 10:13         0°°V 10°41         18°340         evening set         -586 Mar 19 j 02:10         18°*545700         25°518           minimum clong         -587 Mar 28 j 00:19         28°*2737         0.5182 AU         minimimum clong         -586 Mar 19 j 02:39         18°*2430         25°518           minimum clong         -587 Mar 30 j 09:30         28°*2737         0.5182 AU         minimim Earth dist         -586 Mar 19 j 02:39         94°*0474         0.5874 AU           desc, node         -587 Apr 05 j 07:54         28°*42737         0.5182 AU         minimim Earth dist         -586 Apr 19 j 10:32         94°*45438         0.5874 AU           direct         -587 Apr 29 j 01:50         28°*43930         o"0°*1         desc. node         -586 Apr 19 j 05:20         94°*45438         0.28°*340         12°*4487         0.28°*4548         0.00  | asc. Houc        |                      |                     |               | •                | •                         |                     |             |
| retrograde         S87 Mar 17 j 01:22         4°P3302         evening max evening set         -586 Mar 19 j 05:58         4°P0114         retrograde         -586 Mar 2 j 10:20         16°H 16°N 16°N 16°N 16°N 16°N 16°N 16°N 16°N  | avanina may al   |                      |                     | 10026146      | asc. node        |                           |                     |             |
| evening set         .587 Mar 19 j 05:58         4°P1'91*4         retrograde         -586 Feb 2 f j 17:02         16°H 678         15°H 5700           inferior conj         -587 Mar 27 j 16:12         0°P0'0361         193290         inferior conj         -586 Mar 19 j 02:10         15°H 5700         15°H 5700           mini marth dist         -587 Mar 28 j 00:19         30°R 4         mini marth dist         -586 Mar 18 j 22:13         11°H 24330         25°H 31           desc, node         -587 Mar 20 j 00:30         28°H 2737         0.5182 AU         mini marth dist         -586 Mar 19 j 0:33         0.94004         0.5787 AU           direct         -587 Apr 05 j 07:54         25°H 2712         desc, node         -586 Mar 20 j 15:52         6°H 1540         0.5787 AU           direct         -587 Apr 05 j 07:54         25°H 2712         desc, node         -586 Mar 20 j 15:57         6°H 1543         0.5787 AU           direct         -587 Apr 09 j 11:59         25°H 24°H 3930         morning max el         -586 Apr 22 j 00:21         0°P'         morning max el         -586 May 20 j 14:33         14°H 54°H 3930         morning max el         -586 May 20 j 14:53         14°B 25°24         12°H 24°34         12°H 24°   | •                | ·                    |                     | 19 20 40      | avanina may al   | ·                         |                     | 10040121    |
| inferior conj         -587 Mar 27 j 16:32         0°°V1241         1°38'40         evening set         -586 Mar 0 j 10:21         1°5'7500         "50'606         "587 Mar 27 j 20:17         0°°V0636         1°37'29         inferior conj         -586 Mar 0 8 j 17:38         1°1*32'35         "56'16         387 Mar 27 j 20:17         0°°V0636         1°37'29         inferior conj         -586 Mar 0 8 j 17:38         1°1*32'35         2°5'616         387 Mar 28 j 00:19         30'030         28*27'37         0.56182 AU         minimum clong         -586 Mar 16 j 15:27         6°\$11540         0°\$11540  | -                | ·                    |                     |               | •                | •                         |                     | 16 40 31    |
| minimum elong         -587 Mar 2 7 j 20:17         0°°V0636         1°37'29         inferior conj         -586 Mar 08 j 17:58         11°8'32'35         2°56'16           min. Earth dist.         -587 Mar 2 28 j 00:19         30°R/H         minimum elong         -586 Mar 08 j 12:33         1°8'42'30         2°55'18           morning rise         -587 Apr 0 2 j 16:50         28°H373'8         0.56182 AU         morning rise         -586 Mar 16 j 15:27         6°H15'40         *587 Apr 2 10:40'47         0.587 Apr 0 2 j 16:50         28°H33'58         morning rise         -586 Mar 16 j 15:27         6°H15'40         *587 Apr 2 j 10:20         6°P'T         6esc. node         -586 Mar 16 j 15:27         6°H15'40         *587 Apr 2 j 10:20         6°P'T         6esc. node         -586 Mar 16 j 15:27         6°H15'40         *6°21'00         6°P'T         6esc. node         -586 Apr 05 j 16:47         12°H2'730         26°21'00         6°P'T         868 Apr 19 j 0:20         0°P'T         868 Apr 19 j 0:20         0°P'T         887 Apr 2 j 0:20         0°P'T         885 Apr 0 j 1;25         0°P'T         887 Apr 2 j 0:20         0°P  | •                | ·                    |                     | 1929140       | •                | ·                         |                     |             |
| Septimin   Septimin | -                | ,                    |                     |               | Č                | 3                         |                     | 205(11)     |
| min. Earth dist.         -587 Mar 30 j 09:30         28% ±2737         0.5182 AU         min. Earth dist.         -586 Mar 12 j 02:39         9%0047         0.5787A D         0.5787A D         0.51650         26% ±37878         morning rise         -588 Mar 16 j 15:35         5% ±0232         6% ±1578         5% ±0232         6% ±1578         6% ±15798         6% ±1578         6% ±1578         6% ±1578         6% ±1578         6% ±1578         6% ±1578         6% ±1578         6% ±1578         6% ±1578         6% ±1578         6% ±1578         6% ±1578  | minimum eiong    |                      |                     | 1-3/29        |                  |                           |                     |             |
| desc. node  | i D4b. Ji.4      |                      |                     | 0.5C102.ATT   | -                | •                         |                     |             |
| moming rise direct         -587 Apr 05 j 07:54 (25° ¥27°12  |                  | ·                    |                     | 0.56182 AU    |                  | •                         |                     | 0.57874 AU  |
| direct         -587 Apr 09 j 21:59 (24° H3930)         direct         -586 Mar 22 j 08:29 (3° H27730)         4° H5438 (2° 100)           morning max el         -587 Apr 22 j 00:21 (0° P°)         morning max el         -586 Apr 19 j 09:52 (0° P°)         26° 21'00           morning max el         -587 Apr 22 j 00:28 (1° P°)         1° P° 48'19 (24° 5342)         -586 Apr 19 j 09:52 (0° P°)         0° P°           morning set         -587 May 13 j 14:47 (0° B°)         12° B52'04         -586 May 05 j 13:07 (0° B°)         0° B°           asc. node         -587 May 20 j 14:53 (1° B55'23)         14° B05'15 (1° B37)         asc. node (0° B36 May 07 j 11:56 (4° B1106)         4° B1106           superior conj         -587 May 27 j 31:00 (0° B7 55'82)         1° 02'47 (1° B37)         minimum elong (0° B56 May 11 j 12:32 (1° B58'45)         0° 41'25 (1° B37)           max. Earth dist.         -587 May 27 j 32:00 (0° B7 55'83 (1° B37)         1.32942 AU         evening rise (0° B66 May 11 j 11:04)         12° B4921 (0° 41'25 (1° B47)         1.3472 AU           max. Earth dist.         -587 Jun 29 j 16:09 (0° B7 55'83 (1° B37)         1.32942 AU         evening rise (0° B66 May 18 j 12:14 (2° B7)         28° B02'02 (2° B66 May 18 j 12:14 (2° B7)         28° B02'02 (2° B66 May 18 j 12:14 (2° B7)         28° B02'02 (2° B66 May 18 j 12:14 (2° B7)         28° B02'02 (2° B66 May 18 j 12:14 (2° B7)         28° B02'02 (2° B66 May 18 j 12:14 (2° B7)         28° B02'02 (2° B66 May 18 j 1  |                  |                      |                     |               | •                | -                         |                     |             |
| Seption   Sep | •                |                      |                     |               |                  |                           |                     |             |
| moming max el   | direct           |                      |                     |               |                  | 3                         |                     | 26921100    |
| Second    |                  |                      |                     | 24052142      | morning max ei   |                           |                     | 26°21'00    |
| moming set asc. node   -587 May 20 j 01:02   12°85204   asc. node   -586 May 05 j 13:07   0°8   4°81106   4°81106   587 May 20 j 14:53   14°805°15   asc. node   -586 May 07 j 11:56   4°81106   4°81106   587 May 27 j 01:07   27°85923   1°03'10   superior conj   -586 May 11 j 12:32   12°85845   0°41'25   1°258 May 27 j 23:20   0°1  | morning max el   |                      |                     | 24°53'42      |                  | 1 3                       |                     |             |
| asc. node         -587 May 20 j 14:53         14°805′15         asc. node         -586 May 07 j 11:56         4°81′106           superior conj         -587 May 27 j 01:07         27°859′23         1°03′10         superior conj         -586 May 11 j 12:32         12°858′45         0°41′25           minimum elong<br>minimum elong<br>-587 May 27 j 23:20         0°T         minimum elong<br>-587 May 28 j 09:36         -587 May 28 j 09:36         0°T 55′38         1.32942 AU         evening rise         -586 May 11 j 10:49         12°849′21         0°41′05           evening rise         -587 Jun 03 j 06:21         13°T 8′44         evening rise         -586 May 18 j 12:14         28°80′202         0°T           desc. node         -587 Jun 123:18         0°G         -587 Jun 123:18         0°G         -586 Jun 05 j 08:27         0°G           desc. node         -587 Jul 02 j 14:42         0°Q         evening max el         -586 Jun 16 j 13:09         14°90′24           evening max el         -587 Jul 05 j 18:40         3°Q14′28         27°22′23         retrograde         -586 Jul 01 j 21:53         22°945′04         22°95′138           evening set         -587 Jul 30 j 07:52         5°Q05′54         0.62667 AU         inferior conj         -586 Jul 12 j 12:25         18°901′40         0.60698 AU           minimum elong  |                  |                      |                     |               | morning set      |                           |                     |             |
| superior conj         -587 May 27 j 01:07         27°85923         1°03′10         superior conj         -586 May 11 j 12:32         12°85845         0°41′05           minimum elong         -587 May 26 j 22:47         27°84642         1°02′47         minimum elong         -586 May 11 j 11:34         12°84921         0°41′05           max. Earth dist.         -587 May 28 j 09:36         0°11         max. Earth dist.         -586 May 11 j 11:04         12°84921         0°41′05           evening rise         -587 May 28 j 09:36         0°115538         1.32942 AU         evening rise         -586 May 19 j 10:59         0°1         1.32472 AU           desc. node         -587 Jun 29 j 16:09         26°36'53         desc. node         -586 Jun 05 j 08:27         0°3           evening max el         -587 Jul 05 j 18:40         3° Ω1428         27°22'23         retrograde         -586 Jul 16 j 13:09         14°205'24           evening set         -587 Jul 26 j 18:00         3° Ω1428         27°22'23         retrograde         -586 Jul 01 j 21:53         22°245'04           retrograde         -587 Jul 26 j 18:00         8° Ω02'16         min. Earth dist.         -586 Jul 15 j 19:05         18°201'10         0.60698 AU           min. Earth dist.         -587 Jul 26 j 18:00         8° Ω02'16         min. Earth dist.   | •                |                      |                     |               | 1                | • •                       |                     |             |
| minimum elong   -587 May 26 j 22:47   27°846'42   1°02'47   minimum elong   -586 May 11 j 10:49   12°849'21   0°41'05   13°247 AU   max. Earth dist.   -586 May 11 j 21:10   13°846'07   1.32472 AU   max. Earth dist.   -586 May 11 j 21:10   13°846'07   1.32472 AU   evening rise   -586 May 18 j 12:14   28°80'202   evening rise   -587 May 28 j 09:36   0°31'18'44   0°40   evening rise   -586 May 18 j 12:14   28°80'202   evening rise   -587 Jun 11 j 23:18   0°45   evening max el   -586 Jun 16 j 13:09   14°450'524   evening max el   -587 Jun 19 j 13:16   0°40   evening max el   -586 Jun 16 j 13:09   14°450'524   evening max el   -587 Jul 19 j 13:16   10°40'33'08   evening set   -586 Jul 19 j 13:16   0°40'33'08   evening set   -586 Jul 19 j 13:16   0°40'33'08   evening set   -586 Jul 19 j 13:16   0°40'33'08   evening set   -587 Jul 19 j 13:16   0°40'33'08   evening set   -586 Jul 19 j 19:06   15°40'14   4°31'35   inferior conj   -587 Aug 02 j 05:03   2°40'04   -3°59'59   minimum elong   -586 Jul 15 j 19:06   15°40'14   4°31'35   inferior conj   -587 Aug 02 j 09:33   2°40'04   -3°59'59   minimum elong   -586 Jul 15 j 22:03   15°40'04   4°31'35   inferior conj   -587 Aug 04 j 17:57   30°450'   direct   -586 Jul 23 j 03:28   10°40'04   10°40'04   4°31'35   4°40'04 | asc. node        | -587 May 20 J 14:53  | 14° <b>8</b> 05'15  |               | asc. node        | -586 May 07 J 11:56       | 4° <b>8</b> 11'06   |             |
| minimum elong   -587 May 26 j 22:47   27°846'42   1°02'47   minimum elong   -586 May 11 j 10:49   12°849'21   0°41'05   13°247 AU   max. Earth dist.   -586 May 11 j 21:10   13°846'07   1.32472 AU   max. Earth dist.   -586 May 11 j 21:10   13°846'07   1.32472 AU   evening rise   -586 May 18 j 12:14   28°802'02   evening rise   -587 May 28 j 0°36'   13° II 18'44   evening rise   -586 May 18 j 10:15   0°II   258°8 May 19 j 10:59   0°II   258°8 May 19 j |                  | 507.M 27:01.07       | 270 4 50122         | 1002110       |                  | 50CM 11:12.22             | 120 9 50145         | 0041125     |
| S87 May 27 j 23:20   0°   1.32472 AU   0°   1 |                  |                      |                     |               |                  |                           |                     |             |
| max. Earth dist.         -587 May 28 j 09:36         0° Π55'38         1.32942 AU         evening rise         -586 May 18 j 12:14         28°802'02         Percenting rise         -587 Jun 03 j 06:21         13° Π18'44         evening rise         -586 May 19 j 10:59         0° Π         Percenting rise         -587 Jun 1j 23:18         0° Θ         -586 Jun 05 j 08:27         0° Θ         Percenting rise         -587 Jun 1j 23:18         0° Θ         -586 Jun 05 j 08:27         0° Θ         Percenting rise         -586 Jun 05 j 08:27         0° Θ         Percenting rise         -586 Jun 05 j 08:27         0° Θ         Percenting rise         -586 Jun 05 j 08:27         0° Θ         Percenting rise         -586 Jun 05 j 08:27         0° Θ         Percenting rise         -586 Jun 05 j 08:27         0° Θ         Percenting rise         -586 Jun 05 j 18:09         0° Ω  | minimum eiong    |                      |                     | 1-024/        | •                |                           |                     |             |
| evening rise         -587 Jun         03 j 06:21         13° I 18'44         -586 May 19 j 10:59         0° I         -587 Jun         0° © I           desc. node         -587 Jun         29 j 16:09         26° ©36'53         desc. node         -586 Jun         16 j 13:09         14° ©05'24         -687 Jul         29 j 16:09         26° ©36'53         evening max el         -586 Jun         16 j 13:09         14° ©05'24         -687 Jul         29 j 16:09         26° ©36'53         evening max el         -586 Jun         16 j 13:09         14° ©05'24         -687 Jul         20 j 18:42         0° Ω         evening max el         -586 Jul         16 j 13:09         14° ©05'24         -687 Jul         20° ©31'38         evening set         -586 Jul         17 j 22:45         15° ©28'17         26° 51'38         evening set         -587 Jul         30 j 13:16         10° Ω3'308         evening set         -586 Jul         12 j 12:53         20° ©31'12         18° ©01'14         4° 31'135         18° ©01'14         4° 31'135         18° ©01'14         19 j 13:16         10° Ω3'08         10° Ω0'13'13         18° ©01'14         19 j 13:16         10° Ω3'08         10° ©35'13         10° ©35'13         10° ©35'13         10° ©35'13         10° ©35'13         10° ©35'13         10° ©35'13         10° ©35'13         10° ©35'13         10° ©35   | E 41 E 4         | , ,                  |                     | 1 22042 ATT   |                  |                           |                     | 1.324/2 AU  |
| condition   con |                  |                      |                     | 1.32942 AU    | evening rise     |                           |                     |             |
| desc. node         -587 Jun         29 j 16:09         26°36'53         desc. node         -586 Jun         16 j 13:09         14°305'24         26°21'38           evening max el         -587 Jul         02 j 14:42         0° \( \text{Q}\)         evening max el         -586 Jun         17 j 22:45         15°328'17         26°51'38           evening max el         -587 Jul         05 j 18:40         3° \( \text{Q}\) 14'28         27°22'23         retrograde         -586 Jul         01 j 21:53         22°345'04         -180           retrograde         -587 Jul         19 j 13:16         10° \( \text{Q}\) 33'08         evening set         -586 Jul         08 j 18:29         20°341'20         -180           evening set         -587 Jul         26 j 18:00         8° \( \text{Q}\) 02'16         min. Earth dist.         -586 Jul         15 j 19:06         15°36'14'         -0.60698 AU           min. Earth dist.         -587 Jul         30 j 07:52         5° \( \text{Q}\) 05'05'5         0.62667 AU         inferior conj         -586 Jul         15 j 19:06         15°36'14'         -4°31'35           inferior conj         -587 Aug         02 j 09:33         2° \( \text{Q}\) 200'04         -3°59'59         minimum elong         -586 Jul         25 j 15:07         10°30'04'         10°30'04'         10°30'04'   | evening rise     |                      |                     |               |                  |                           |                     |             |
| Sevening max el   Se7 Jul   02 j 14:42   0° Ω   Sevening max el   Se8 Jul   17 j 22:45   15° 628'17   26°51'38     Sevening max el   Se7 Jul   05 j 18:40   3° Ω14'28   27°22'23   retrograde   Se8 Jul   01 j 21:53   22°45'04     retrograde   Se7 Jul   19 j 13:16   10° Ω33'08   sevening set   Se8 Jul   01 j 12:53   22°45'04     retrograde   Se7 Jul   26 j 18:00   8° Ω02'16   min. Earth dist.   Se8 Jul   12 j 12:25   18° 601'40   0.60698 AU     min. Earth dist.   Se7 Jul   30 j 07:52   5° Ω05'54   0.62667 AU   inferior conj   Se8 Jul   15 j 19:06   15° 616'14   4°31'35     inferior conj   Se7 Aug   02 j 05:03   2° Ω20'04   3°59'59   minimum elong   Se8 Jul   15 j 22:03   15° 609'58   4°31'16     minimum elong   Se7 Aug   04 j 17:57   30° κΦ   direct   Se8 Jul   23 j 03:28   10° 630'40     morning rise   Se7 Aug   04 j 17:57   30° κΦ   direct   Se8 Jul   25 j 15:07   10° 60'32     morning rise   Se7 Aug   11 j 14:58   26° 643'42   sec. node   Se8 Aug   01 j 20:25   13° 639'09   18°06'01     direct   Se7 Aug   16 j 14:07   28° 638'15   sec. node   Se8 Aug   12 j 23:18   0° Ω     morning max el   Se7 Aug   18 j 07:43   0° Ω08'58   17° 53'43     morning max el   Se7 Aug   18 j 07:43   0° Ω08'58   17° 53'43     morning set   Se7 Sep   06 j 02:42   0° 10   minimum elong   Se8 Aug   27 j 15:11   26° Ω56'59   1° 32'03     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug   29 j 08:32   0° 10     superior conj   Se8 Aug  | 1 1              |                      |                     |               | 1 1              |                           |                     |             |
| evening max el         -587 Jul         05 j 18:40         3° Q 14'28         27°22'23         retrograde         -586 Jul         01 j 21:53         22°\$45'04         - retrograde         retrograde         -587 Jul         19 j 13:16         10° Q 33'08         evening set         -586 Jul         08 j 18:29         20°\$41'20         - centing set         -587 Jul         2587 Jul         26 j 18:00         8° Q 02'16         min. Earth dist.         -586 Jul         12 j 12:25         18°\$01'40         0.60698 AU         Min. Earth dist.         -587 Jul         30 j 07:52         5° Q 05'54         0.62667 AU         inferior conj         -586 Jul         15 j 19:06         15° \$16'14         -4° 31'35           inferior conj         -587 Aug         02 j 05:03         2° Q 20'04         -3° 59'59         minimum elong         -586 Jul         15 j 19:06         15° \$0'16'14         -4° 31'35           minimum elong         -587 Aug         02 j 09:33         2° Q 09'16         3° 59'02         morning rise         -586 Jul         25 j 15:07         10° \$30'40         16° \$30'40         16° \$30'40         16° \$30'42         10° \$30'40         10° \$30'40         10° \$30'40         10° \$30'40         10° \$30'40         10° \$30'40         10° \$30'40         10° \$30'40         10° \$30'40         10° \$30'40         10° \$30'40   | desc. node       |                      |                     |               |                  |                           |                     | 26051120    |
| retrograde  |                  |                      |                     | 2502012       | -                |                           |                     | 26°51'38    |
| Sevening set   -587 Jul   26 j 18:00   8° Ω02'16   min. Earth dist.   -586 Jul   12 j 12:25   18° ©01'40   0.60698 AU     min. Earth dist.   -587 Jul   30 j 07:52   5° Ω05'54   0.62667 AU   inferior conj   -586 Jul   15 j 19:06   15° ©16'14   -4° 31'35     inferior conj   -587 Aug   02 j 05:03   2° Ω20'04   -3° 59'59   minimum elong   -586 Jul   15 j 22:03   15° ©09'58   4° 31'16     minimum elong   -587 Aug   02 j 09:33   2° Ω09'16   3° 59'02   morning rise   -586 Jul   23 j 03:28   10° ©30'40     morning rise   -587 Aug   04 j 17:57   30° RS   direct   -586 Jul   25 j 15:07   10° ©30'32     morning rise   -587 Aug   09 j 02:20   27° ©12'50   morning max el   -586 Aug   01 j 20:25   13° ©39'09   18° 06'01     direct   -587 Aug   11 j 14:58   26° ©43'42   asc. node   -586 Aug   03 j 11:10   15° ©21'42     asc. node   -587 Aug   16 j 14:07   28° ©38'15   -586 Aug   12 j 23:18   0° Ω     morning max el   -587 Aug   18 j 07:43   0° Ω08'58   17° 53'43     morning set   -587 Sep   03 j 14:11   25° Ω30'53   superior conj   -586 Aug   27 j 15:11   26° Ω56'59   1° 32'03     superior conj   -587 Sep   14 j 22:30   15° № 19'10   1° 07'01   max. Earth dist.   -586 Sep   04 j 05:58   10° № 07'26   1.41595 AU     superior conj   -587 Sep   14 j 22:30   15° № 19'10   1° 07'01   max. Earth dist.   -586 Sep   04 j 05:58   10° № 07'26   1.41595 AU  | •                |                      |                     | 21°22'23      | -                |                           |                     |             |
| min. Earth dist.         -587 Jul 30 j 07:52         5° Ω05'54 0.62667 AU         inferior conj         -586 Jul 15 j 19:06         15° ©16'14 -4°31'35           inferior conj         -587 Aug 02 j 05:03         2° Ω20'04 -3°59'59         minimum elong         -586 Jul 15 j 22:03         15° ©09'58 4°31'16           minimum elong         -587 Aug 02 j 09:33         2° Ω09'16 3°59'02         morning rise         -586 Jul 23 j 03:28         10° ©30'40           -587 Aug 04 j 17:57         30° №         direct         -586 Jul 25 j 15:07         10° ©30'40           morning rise         -587 Aug 09 j 02:20         27° ©12'50         morning max el         -586 Aug 01 j 20:25         13° ©39'09         18° 06'01           direct         -587 Aug 11 j 14:58         26° ©43'42         asc. node         -586 Aug 03 j 11:10         15° ©21'42         asc. node         -586 Aug 03 j 11:10         15° ©21'42         asc. node         -586 Aug 12 j 23:18         0° Ω           morning max el         -587 Aug 18 j 04:02         0° Ω         morning set         -586 Aug 17 j 18:21         8° Ω49'37         morning set           morning set         -587 Sep 03 j 14:11         25° Ω30'53         superior conj         -586 Aug 27 j 19:06         27° Ω14'24         1°31'43           -587 Sep 06 j 02:42         0° №         minimum elong         -586  | -                |                      |                     |               | -                |                           |                     | 0.60600.444 |
| minimum elong   -587 Aug 02 j 05:03   2°Ω20'04 -3°59'59   minimum elong   -586 Jul   15 j 22:03   15°©09'58   4°31'16   minimum elong   -587 Aug 02 j 09:33   2°Ω09'16   3°59'02   morning rise   -586 Jul   23 j 03:28   10°©30'40   4°31'16   10°©06'32   10° | •                |                      |                     |               |                  |                           |                     |             |
| minimum elong       -587 Aug 02 j 09:33       2° Ω09'16       3°59'02       morning rise       -586 Jul       23 j 03:28       10° 30'40       40° 30'40         morning rise       -587 Aug 04 j 17:57       30° RS       direct       -586 Jul       25 j 15:07       10° 30'40       10° 30'40         morning rise       -587 Aug 09 j 02:20       27° 312'50       morning max el       -586 Aug 01 j 20:25       13° 39'09       18° 06'01         direct       -587 Aug 11 j 14:58       26° 34'42       asc. node       -586 Aug 03 j 11:10       15° 32'142       15° 32'142         asc. node       -587 Aug 18 j 04:02       0° Ω       morning set       -586 Aug 17 j 18:21       8° Ω49'37       8° Ω49'37         morning max el       -587 Aug 18 j 07:43       0° Ω08'58       17° 53'43       superior conj       -586 Aug 27 j 15:11       26° Ω56'59       1° 32'03         morning set       -587 Sep 06 j 02:42       0° ¶       minimum elong       -586 Aug 27 j 19:06       27° Ω14'24       1° 31'43         -587 Sep 06 j 02:42       0° ¶       minimum elong       -586 Aug 27 j 19:06       27° Ω14'24       1° 31'43         superior conj       -586 Aug 29 j 08:32       0° ¶         superior conj       -586 Aug 29 j 08:32       0° ¶   |                  | ,                    |                     |               | ~                | 3                         |                     |             |
| Second    |                  |                      |                     |               | _                |                           |                     | 4°31'16     |
| morning rise       -587 Aug 09 j 02:20       27°Φ12'50       morning max el       -586 Aug 01 j 20:25       13°Φ39'09       18°06'01         direct       -587 Aug 11 j 14:58       26°Φ43'42       asc. node       -586 Aug 03 j 11:10       15°Φ21'42       15°Φ21'42         asc. node       -587 Aug 16 j 14:07       28°Φ38'15       -586 Aug 12 j 23:18       0°Ω       0°Ω         morning max el       -587 Aug 18 j 04:02       0°Ω       morning set       -586 Aug 17 j 18:21       8°Ω49'37         morning set       -587 Sep 03 j 14:11       25°Ω30'53       superior conj       -586 Aug 27 j 15:11       26°Ω56'59       1°32'03         -587 Sep 06 j 02:42       0° M       minimum elong       -586 Aug 27 j 19:06       27°Ω14'24       1°31'43         superior conj       -587 Sep 14 j 22:30       15°M19'10       1°07'01       max. Earth dist.       -586 Sep 04 j 05:58       10°M07'26       1.41595 AU  | minimum elong    |                      |                     | 3°59'02       | -                |                           |                     |             |
| direct       -587 Aug 11 j 14:58       26°Φ43'42       asc. node       -586 Aug 03 j 11:10       15°Φ21'42         asc. node       -587 Aug 16 j 14:07       28°Φ38'15       -586 Aug 12 j 23:18       0°Ω         -587 Aug 18 j 04:02       0°Ω       morning set       -586 Aug 17 j 18:21       8°Ω49'37         morning max el       -587 Aug 18 j 07:43       0°Ω08'58       17°53'43         morning set       -587 Sep 03 j 14:11       25°Ω30'53       superior conj       -586 Aug 27 j 15:11       26°Ω56'59       1°32'03         -587 Sep 06 j 02:42       0° Mp       minimum elong       -586 Aug 27 j 19:06       27°Ω14'24       1°31'43         superior conj       -587 Sep 14 j 22:30       15° Mp 19'10       1°07'01       max. Earth dist.       -586 Sep 04 j 05:58       10° Mp 07'26       1.41595 AU  |                  | • •                  |                     |               |                  |                           |                     |             |
| asc. node  -587 Aug 16 j 14:07  -587 Aug 18 j 04:02  0° Ω  morning max el  -587 Aug 18 j 07:43  0° Ω08'58  17°53'43  morning set  -587 Sep 03 j 14:11  25° Ω30'53  superior conj  -586 Aug 12 j 23:18  0° Ω  8° Ω49'37  -586 Aug 17 j 18:21  8° Ω49'37  -586 Aug 27 j 15:11  26° Ω56'59  1°32'03  minimum elong  -586 Aug 27 j 19:06  27° Ω14'24  1°31'43  -586 Aug 29 j 08:32  0° Ψρ  superior conj  -587 Sep 14 j 22:30  15° Ψρ 19'10  1°07'01  max. Earth dist.  -586 Sep 04 j 05:58  10° Ψρ 14:595 AU   | •                |                      |                     |               | =                |                           |                     | 18~06'01    |
| -587 Aug 18 j 04:02 0° Ω morning set -586 Aug 17 j 18:21 8° Ω49'37  morning max el morning set -587 Aug 18 j 07:43 0° Ω08'58 17°53'43  morning set -587 Sep 03 j 14:11 25° Ω30'53 superior conj -586 Aug 27 j 15:11 26° Ω56'59 1°32'03  -587 Sep 06 j 02:42 0° № minimum elong -586 Aug 27 j 19:06 27° Ω14'24 1°31'43  -586 Aug 29 j 08:32 0° №  superior conj -587 Sep 14 j 22:30 15° № 19'10 1°07'01 max. Earth dist586 Sep 04 j 05:58 10° № 07'26 1.41595 AU   |                  | • •                  |                     |               | asc. node        |                           |                     |             |
| morning max el morning set $-587 \text{ Aug } 18 \text{ j } 07:43$ $0^{\circ}\Omega 08'58$ $17^{\circ}53'43$ superior conj $-586 \text{ Aug } 27 \text{ j } 15:11$ $26^{\circ}\Omega 56'59$ $1^{\circ}32'03$ superior conj $-586 \text{ Aug } 27 \text{ j } 19:06$ $27^{\circ}\Omega 14'24$ $1^{\circ}31'43$ superior conj $-586 \text{ Aug } 29 \text{ j } 08:32$ $0^{\circ}\text{ Mp}$ superior conj $-587 \text{ Sep } 14 \text{ j } 22:30$ $15^{\circ}\text{ Mp } 19'10$ $1^{\circ}07'01$ max. Earth dist. $-586 \text{ Sep } 04 \text{ j } 05:58$ $10^{\circ}\text{ Mp } 07'26$ $1.41595 \text{ AU}$   | asc. node        |                      |                     |               |                  |                           |                     |             |
| morning set $-587 \text{ Sep } 03 \text{ j } 14:11 \qquad 25^{\circ} \Omega 30'53 \qquad \text{superior conj} \qquad -586 \text{ Aug } 27 \text{ j } 15:11 \qquad 26^{\circ} \Omega 56'59 \qquad 1^{\circ} 32'03 \qquad \text{minimum elong} \qquad -586 \text{ Aug } 27 \text{ j } 19:06 \qquad 27^{\circ} \Omega 14'24 \qquad 1^{\circ} 31'43 \qquad -586 \text{ Aug } 29 \text{ j } 08:32 \qquad 0^{\circ} \text{ Th} \qquad \text{superior conj} \qquad -587 \text{ Sep } 14 \text{ j } 22:30 \qquad 15^{\circ} \text{ Th } 19'10 \qquad 1^{\circ} 07'01 \qquad \text{max. Earth dist.} \qquad -586 \text{ Sep } 04 \text{ j } 05:58 \qquad 10^{\circ} \text{ Th } 07'26 \qquad 1.41595 \text{ AU}$   |                  |                      |                     |               | morning set      | -586 Aug 17 j 18:21       | 8° <b>81</b> 49'37  |             |
| -587 Sep 06 j 02:42 0° m) minimum elong -586 Aug 27 j 19:06 27° Ω 14'24 1°31'43 -586 Aug 29 j 08:32 0° m) superior conj -587 Sep 14 j 22:30 15° m) 1°07'01 max. Earth dist586 Sep 04 j 05:58 10° m) 07'26 1.41595 AU  | •                |                      |                     | 17°53'43      | _                |                           | •                   |             |
| -586 Aug 29 j 08:32 0° Mp<br>superior conj -587 Sep 14 j 22:30 15° Mp 19'10 1°07'01 max. Earth dist586 Sep 04 j 05:58 10° Mp 07'26 1.41595 AU   | morning set      |                      |                     |               |                  |                           |                     |             |
| superior conj -587 Sep 14 j 22:30 15° Mp 19'10 1°07'01 max. Earth dist586 Sep 04 j 05:58 10° Mp 07'26 1.41595 AU  |                  | -587 Sep 06 j 02:42  | 0° <b>m</b> )       |               | minimum elong    |                           |                     | 1°31'43     |
|   |                  |                      |                     |               | <u>.</u>         |                           |                     |             |
| minimum elong -587 Sep 15 j 03:38 15° Mp 40'50 1°06'26 evening rise -586 Sep 09 j 18:33 19° Mp 11'53  |                  |                      |                     |               |                  |                           |                     | 1.41595 AU  |
|   | mınımum elong    | -587 Sep 15 j 03:38  | 15° Mp 40'50        | 1~06′26       | evening rise     | -586 Sep 09 j 18:33       | 19° M) 11'53        |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 169 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom    | nical year style is used: The              | he year -900 in             | astronomical cou      | nting style is the year   | 001 BCE in historical cou                  | inting style.                           |            |
|------------------------|--|-----------------------------|-----------------------|---------------------------|--|---|------------|
| desc. node             | -586 Sep 12 j 12:32                        | 23° <b>m</b> 34'43          |                       | evening rise              | -585 Aug 21 j 13:12                        | 29° <b>Ω</b> 50′25                      |            |
|                        | -586 Sep 16 j 15:36                        | 0∘ <b>ত</b>                 |                       |                           | -585 Aug 21 j 15:28                        | 0° <b>m</b>                             |            |
|                        | -586 Oct 07 j 22:42                        | $0^{\circ}$ M,              |                       | desc. node                | -585 Aug 30 j 09:31                        | 14° <b>m</b> 10'29                      |            |
| evening max el         | -586 Oct 13 j 03:40                        | 5°M52'24                    | 22°37'41              |                           | -585 Sep 10 j 01:47                        | 0∘ <b>ত</b>                             |            |
| retrograde             | -586 Oct 22 j 23:03                        | 11° <b>M</b> 42'11          |                       | evening max el            | -585 Sep 25 j 16:48                        | 19° <b>≙</b> 23'58                      | 23°58'01   |
| evening set            | -586 Oct 27 j 14:37                        | 9° <b>™</b> 48'48           |                       | retrograde                | -585 Oct 06 j 14:50                        | 25° <b>≏</b> 49'27                      |            |
| asc. node              | -586 Oct 30 j 10:22                        | 6°M50'51                    |                       | evening set               | -585 Oct 11 j 20:22                        | 23° <b>≏</b> 38'01                      |            |
| inferior conj          | -586 Nov 01 j 22:47                        | 3°M29'01                    | 0°51'36               | min. Earth dist.          | -585 Oct 16 j 15:50                        | 18° <b>≏</b> 02'34                      | 0.67513 AU |
| minimum elong          | -586 Nov 01 j 21:37                        | 3°M33'05                    | 0°51'06               | inferior conj             | -585 Oct 17 j 05:26                        | 17° <b>≏</b> 16′24                      | -0°01'43   |
| min. Earth dist.       | -586 Nov 01 j 19:28                        | 3°M40'31                    | 0.67629 AU            | minimum elong             | -585 Oct 17 j 05:29                        | 17° <b>≏</b> 16'16                      | 0°01'41    |
|                        | -586 Nov 04 j 13:46                        | 30° <b>₹</b> Ω              |                       | transit middle            | -585 Oct 17 j 05:29                        | 17° <b>≏</b> 16'16                      | 0°01'41    |
| morning rise           | -586 Nov 07 j 04:30                        | 27° <b>≏</b> 17'30          |                       | transit begin             | -585 Oct 17 j 02:46                        | 17° <b>≏</b> 25'27                      |            |
| direct                 | -586 Nov 11 j 16:40                        | 25° <b>£</b> 27'38          |                       | transit end               | -585 Oct 17 j 08:11                        | 17° <b>£</b> 07'05                      |            |
|                        | -586 Nov 19 j 23:55                        | $0^{\circ}$ M.              |                       | asc. node                 | -585 Oct 17 j 07:26                        | 17° <b>≏</b> 09'39                      |            |
| morning max el         | -586 Nov 20 j 22:17                        | 0°M54'55                    | 22°02'32              | morning rise              | -585 Oct 22 j 14:33                        | 11° <b>ഫ</b> 09'23                      |            |
| desc. node             | -586 Dec 09 j 11:49                        | 25°M15′39                   |                       | direct                    | -585 Oct 26 j 13:11                        | 9° <b>≙</b> 41'05                       |            |
|                        | -586 Dec 12 j 16:16                        | 0° <b>∡</b> ¹               |                       | morning max el            | -585 Nov 03 j 17:03                        | 14° <b>≙</b> 26′01                      | 20°43'55   |
| morning set            | -586 Dec 23 j 16:26                        | 17° <b>∡</b> ¹06'19         |                       |                           | -585 Nov 15 j 20:55                        | 0° <b>M</b>                             |            |
| max. Earth dist.       | -586 Dec 29 j 14:27                        | 26° <b>∡</b> ¹48'21         | 1.41206 AU            | desc. node                | -585 Nov 26 j 08:49                        | 15°M33'16                               |            |
|                        | -586 Dec 31 j 11:57                        | 0°రె                        |                       | morning set               | -585 Dec 02 j 18:55                        | 25°M25'38                               |            |
|                        | •  |                             |                       |                           | -585 Dec 05 j 17:01                        | 0° <b>∡</b> °                           |            |
| superior conj          | -585 Jan 06 j 08:02                        | 10° <b>る</b> 06'53          | -2°00'59              | max. Earth dist.          | -585 Dec 11 j 19:32                        | 9° <b>∡</b> ¹44'42                      | 1.43028 AU |
| minimum elong          | -585 Jan 06 j 08:09                        | 10° <b>る</b> 07'25          | 2°01'00               |                           | ý  |   |            |
| evening rise           | -585 Jan 16 j 18:40                        | 29° <b>る</b> 10'40          |                       | superior conj             | -585 Dec 18 j 10:54                        | 20° <b>∡</b> ′41′12                     | -1°53'56   |
| Č                      | -585 Jan 17 j 05:17                        | 0° <b>≈</b>                 |                       | minimum elong             | -585 Dec 18 j 06:29                        | 20° <b>х</b> 22'39                      |            |
| asc. node              | -585 Jan 26 j 09:40                        | 16° <b>≈</b> 19'37          |                       | Č                         | -585 Dec 23 j 22:05                        | 0° <b>る</b>                             |            |
| evening max el         | -585 Feb 02 j 02:34                        | 25°≈13'31                   | 18°14'23              | evening rise              | -585 Dec 30 j 11:16                        | 11° <b>る</b> 29'22                      |            |
| retrograde             | -585 Feb 09 j 02:58                        | 28° <b>≈</b> 44'22          |                       |                           | -584 Jan 10 j 05:59                        | 0°≈                                     |            |
| evening set            | -585 Feb 11 j 16:51                        | 28°≈16'48                   |                       | asc. node                 | -584 Jan 13 j 06:43                        | 4°≈25'59                                |            |
| inferior conj          | -585 Feb 18 j 16:12                        | 23° <b>≈</b> 31'38          | 3°38'35               | evening max el            | -584 Jan 16 j 14:03                        | 8° <b>≈</b> 20'31                       | 18°07'59   |
| minimum elong          | -585 Feb 18 j 18:34                        | 23°≈26'24                   | 3°38'19               | retrograde                | -584 Jan 23 j 03:41                        | 11° <b>≈</b> 45'44                      | 10 0/37    |
| min. Earth dist.       | -585 Feb 22 j 00:52                        | 20°≈34'56                   | 0.59925 AU            | evening set               | -584 Jan 25 j 21:56                        | 11°≈09'00                               |            |
| morning rise           | -585 Feb 25 j 18:12                        | 17°≈52'01                   | 0.05520110            | inferior conj             | -584 Feb 01 j 08:16                        | 6°≈02'49                                | 3°52'10    |
| direct                 | -585 Mar 04 j 07:49                        | 15°≈52'28                   |                       | minimum elong             | -584 Feb 01 j 08:20                        | 6°≈02'41                                | 3°52'11    |
| desc. node             | -585 Mar 07 j 10:56                        | 16°≈18'21                   |                       | min. Earth dist.          | -584 Feb 04 i 06:39                        | 3°≈06'10                                | 0.61994 AU |
| morning max el         | -585 Mar 18 j 14:29                        | 23°≈38'06                   | 27°21'12              | morning rise              | -584 Feb 07 j 17:32                        | 0°≈09'04                                | 0.01774710 |
| morning max or         | -585 Mar 24 j 08:10                        | 0° <b>∀</b>                 | 27 21 12              | morning rise              | -584 Feb 07 j 22:39                        | 30°R₹                                   |            |
|                        | -585 Apr 12 j 12:23                        | 0° <b>Υ</b>                 |                       | direct                    | -584 Feb 14 i 17:01                        | 27° <b>る</b> 37'56                      |            |
| morning set            | -585 Apr 18 j 20:45                        | 12° <b>Υ</b> 35'17          |                       | desc. node                | -584 Feb 22 j 07:59                        | 0°≈12'05                                |            |
| asc. node              | -585 Apr 24 j 08:58                        | 24° <b>Υ</b> 21'46          |                       | desc. node                | -584 Feb 22 j 00:12                        | 0°≈                                     |            |
| max. Earth dist.       | -585 Apr 25 j 09:54                        | 26° <b>Υ</b> 38'06          | 1.32369 AU            | morning max el            | -584 Feb 28 j 18:05                        | 5°≈28'32                                | 27°46'09   |
| max. Latur dist.       | -363 Apr 23 j 07.34                        | 20 13000                    | 1.52507 AC            | morning max cr            | -584 Mar 18 j 05:07                        | 0° <b>∺</b>                             | 27 400)    |
| superior conj          | -585 Apr 26 j 00:11                        | 27° <b>Y</b> 56'22          | 0°17'14               | morning set               | -584 Apr 02 j 00:41                        | 27° <b>)</b> €05'24                     |            |
| minimum elong          | -585 Apr 25 j 23:25                        | 27° <b>Υ</b> 52'09          | 0°17'14<br>0°17'03    | morning set               | -584 Apr 02 j 00:41<br>-584 Apr 03 j 10:39 | 27 <b>χ</b> 0324                        |            |
| minimum clong          | -585 Apr 26 j 22:44                        | 0° <b>8</b>                 | 0 17 03               | max. Earth dist.          | -584 Apr 07 j 20:04                        | 9° <b>Υ</b> 18'35                       | 1.32638 AU |
| evening rise           | -585 May 02 j 21:57                        | 12° <b>8</b> 54'44          |                       | max. Lartii dist.         | -304 Apr 07 j 20.04                        | 7 1 10 33                               | 1.52050 AC |
| evening rise           | -585 May 11 j 14:23                        | 0°II                        |                       | superior conj             | -584 Apr 09 j 10:24                        | 12° <b>Y</b> 46'13                      | -0°08'39   |
| evening max el         | -585 May 30 j 20:12                        | 26° <b>I</b> I57'13         | 25°49'34              | minimum elong             | -584 Apr 09 j 10:48                        | 12° <b>Υ</b> 48'25                      |            |
| desc. node             | -585 Jun 03 j 10:09                        | 0°901'10                    | 23 47 54              | behind sun begin          | -584 Apr 09 j 06:27                        | 12° <b>Υ</b> 24'47                      | 0 00 54    |
| dese. Hode             | -585 Jun 03 j 09:31                        | 0.201 10                    |                       | behind sun end            | -584 Apr 09 j 15:09                        | 13° <b>Υ</b> 12'03                      |            |
| retrograde             | -585 Jun 13 j 21:43                        | 4°9510'03                   |                       | asc. node                 | -584 Apr 10 j 06:01                        | 14° <b>Υ</b> 32'57                      |            |
| evening set            | -585 Jun 19 j 21:13                        | 2°5944'09                   |                       | evening rise              | -584 Apr 16 j 09:31                        | 27° <b>Υ</b> 49'45                      |            |
| evening set            | -585 Jun 24 j 10:36                        | 30°R∏                       |                       | evening rise              | -584 Apr 17 j 10:18                        | 0°8                                     |            |
| min. Earth dist.       | -585 Jun 24 j 08:41                        | 0°503'22                    | 0.58635 AU            |                           | -584 May 04 j 17:03                        | 0°II                                    |            |
| inferior conj          | -585 Jun 27 j 15:50                        | 27° <b>II</b> 38'53         |                       | evening max el            | -584 May 11 j 12:12                        | 7° <b>∏</b> 48'32                       | 24°24'12   |
| minimum elong          | -585 Jun 27 j 15:15                        | 27° <b>II</b> 38'53         |                       | desc. node                | -584 May 20 j 07:09                        | 13° <b>Ⅱ</b> 49'34                      | 24 24 12   |
|                        | -585 Jul 05 j 11:46                        | 23° <b>II</b> 15'35         | 4 41 03               |                           | -584 May 25 j 10:05                        | 13 <b>∏</b> 49'34<br>14° <b>∏</b> 49'29 |            |
| morning rise<br>direct | -585 Jul 08 j 00:06                        | 23 II 13 33<br>22° II 54'59 |                       | retrograde<br>evening set | -584 May 30 j 01:31                        | 14 <b>∏</b> 49 29<br>14° <b>∏</b> 01'13 |            |
| morning max el         | -585 Jul 08 j 00:06<br>-585 Jul 16 j 03:20 | 26° <b>I</b> I46'20         | 18°38'23              | min. Earth dist.          | -584 Jun 04 j 23:42                        | 14° <b>Д</b> 01°13                      | 0.56779 AU |
| morning max er         | -  | 26°Д46'20<br>0°9            | 10 30 43              |                           | -  | 9° <b>П</b> 20'04                       |            |
| asa nada               | -585 Jul 19 j 01:43                        |                             |                       | inferior conj             | -584 Jun 07 j 16:39                        |   |            |
| asc. node              | -585 Jul 21 j 08:13                        | 3°504'46                    |                       | minimum elong             | -584 Jun 07 j 11:33                        | 9° <b>Ⅱ</b> 28'14                       | 4 15 30    |
| morning set            | -585 Aug 01 j 10:33                        | 22°5944'08                  |                       | morning rise              | -584 Jun 16 j 00:26                        | 5° <b>Ⅱ</b> 15'57                       |            |
|                        | -585 Aug 05 j 04:17                        | $0^{\circ}\Omega$           |                       | direct                    | -584 Jun 18 j 14:43                        | 4° <b>Ⅱ</b> 57'38                       | 10021142   |
| superior comi          | 585 Aug 10: 05:42                          | 9° <b>Ω</b> 40'09           | 1°44'45               | morning max el asc. node  | -584 Jun 28 j 01:35                        | 9° <b>Ⅲ</b> 21'05<br>21° <b>Ⅲ</b> 34'03 | 19°31'42   |
| superior conj          | -585 Aug 10 j 05:43                        | 9° <b>Ω</b> 48'05           | 1°44'45<br>1°44'40    | asc. noue                 | -584 Jul 07 j 05:16                        |   |            |
| minimum elong          | -585 Aug 10 j 07:25                        |                             | 1°44°40<br>1.39629 AU | morning set               | -584 Jul 11 j 20:44                        | 0°ତ<br>7° <b>ତ</b> 05'27                |            |
| max. Earth dist.       | -585 Aug 17 j 09:56                        | 22 0643 UU                  | 1.33043 AU            | morning set               | -584 Jul 15 j 11:16                        | 1 200321                                |            |

| -                | -                   |                                       |            |                  | 01 BCE in historical cou                   |                              | ,0 170      |
|------------------|---------------------|---------------------------------------|------------|------------------|--|------------------------------|-------------|
| superior conj    | -584 Jul 23 j 12:32 | 23° <b>©</b> 13'09                    |            | superior conj    | -583 Jul 07 j 06:52                        | 7° <b>5</b> 21'40            | 1°42'00     |
| minimum elong    | -584 Jul 23 j 12:13 | 23°5511'36                            |            | minimum elong    | -583 Jul 07 j 05:10                        |                              | 1°41'55     |
| minimum ciong    | -584 Jul 27 j 00:32 | 0°Ω                                   | 1 4/20     | max. Earth dist. | -583 Jul 11 j 21:12                        | 16°934'53                    | 1.35863 AU  |
| max. Earth dist. | -584 Jul 29 j 13:09 |                                       | 1.37645 AU | evening rise     | -583 Jul 16 j 00:30                        | 24°930'12                    | 1.55005 710 |
| evening rise     | -584 Aug 02 j 08:35 | 11° <b>Ω</b> 40'17                    | 1.57045710 | evening rise     | -583 Jul 19 j 00:28                        | 0° <b>Ω</b>                  |             |
| evening rise     | -584 Aug 13 j 07:29 | 0°m)                                  |            | desc. node       | -583 Aug 03 j 03:33                        | 24° <b>Ω</b> 40'50           |             |
| desc. node       | -584 Aug 16 j 06:32 | راتات<br>4° ا% 34′44                  |            | desc. node       | -583 Aug 05 j 05:53                        | 0° <b>m</b> )                |             |
| desc. node       | -584 Sep 04 j 07:18 | 0∘ <del>ت</del><br>مناب               |            | evening max el   | -583 Aug 20 j 16:05                        | 16° <b>m</b> ) 36'10         | 26°19'34    |
| evening max el   | -584 Sep 07 j 04:27 | ა <u>~</u> 00'06                      | 25014121   | retrograde       | -583 Sep 02 j 08:59                        | 23° Mp 46'47                 | 20 17 34    |
| retrograde       | -584 Sep 19 j 02:23 | 9° <b>£</b> 53'03                     | 23 1431    | evening set      | -583 Sep 02 j 08:39                        | 23 mg 40 47<br>21° mg 05'44  |             |
| -                | -584 Sep 24 j 22:40 | 9 <b>=</b> 33 03<br>7° <b>£</b> 24'51 |            | =                | -583 Sep 08 j 19.30<br>-583 Sep 12 j 22:47 |                              | 0.66310 AU  |
| evening set      | -584 Sep 29 j 09:46 |                                       | 0.67082 AU | min. Earth dist. |  |                              |             |
| min. Earth dist. | 1 0                 |                                       |            | ,                | -583 Sep 14 j 10:45                        | 14° Mp 52'10<br>14° Mp 43'30 |             |
| inferior conj    | -584 Sep 30 j 10:04 | 1° <b>Ω</b> 05'21                     |            | minimum elong    | -583 Sep 14 j 13:34                        | -•                           | 1-51-25     |
| minimum elong    | -584 Sep 30 j 11:29 | 1° <b>Ω</b> 00'43                     | 0°56'21    | morning rise     | -583 Sep 20 j 07:59                        | 9° Mp 03'14                  |             |
|                  | -584 Oct 01 j 06:14 | 30°R, Mp                              |            | asc. node        | -583 Sep 20 j 01:31                        | 9° m 12'59                   |             |
| asc. node        | -584 Oct 03 j 04:28 | 27° m/40'02                           |            | direct           | -583 Sep 23 j 09:39                        | 8° m, 09'35                  |             |
| morning rise     | -584 Oct 06 j 00:24 | 25° m 05'49                           |            | morning max el   | -583 Sep 30 j 04:46                        | 11° <b>m</b> 56'37           | 18°46'58    |
| direct           | -584 Oct 09 j 11:28 | 23° TQ 56'30                          |            |                  | -583 Oct 13 j 05:07                        | 0∘ <b>ত</b>                  |             |
| morning max el   | -584 Oct 16 j 19:31 | 28° m 07'33                           | 19°37'52   | morning set      | -583 Oct 21 j 09:46                        | 12° <b>£</b> 57'36           |             |
|                  | -584 Oct 18 j 13:04 | 0∘ <b>ত</b>                           |            | desc. node       | -583 Oct 30 j 02:55                        | 26° <b>≏</b> 44'00           |             |
|                  | -584 Nov 08 j 07:46 | 0° <b>M</b>                           |            |                  | -583 Nov 01 j 04:44                        | 0° <b>M</b>                  |             |
| morning set      | -584 Nov 10 j 16:54 | 3° <b>™</b> 40'57                     |            | max. Earth dist. | -583 Nov 06 j 02:04                        | 7° <b>M</b> 41′20            | 1.44964 AU  |
| desc. node       | -584 Nov 12 j 05:52 | 6° <b>ጤ</b> 04'14                     |            |                  |  |                              |             |
| max. Earth dist. | -584 Nov 23 j 08:22 | 23°M28'45                             | 1.44337 AU | superior conj    | -583 Nov 06 j 14:31                        | 8°M30'22                     | -0°47'35    |
|                  |                     |                                       |            | minimum elong    | -583 Nov 06 j 08:29                        | 8°M06'35                     | 0°46'50     |
| superior conj    | -584 Nov 27 j 10:52 | 0° <b>∡</b> '01'54                    | -1°29'11   |                  | -583 Nov 20 j 03:53                        | 0°⊀                          |             |
| minimum elong    | -584 Nov 27 j 02:52 | 29° <b>M</b> 29'48                    | 1°28'25    | evening rise     | -583 Nov 22 j 06:36                        | 3° <b>҂</b> ¹23'25           |             |
|                  | -584 Nov 27 j 10:24 | 0° <b>∡</b> ¹                         |            |                  | -583 Dec 09 j 09:05                        | 0°ප                          |             |
| evening rise     | -584 Dec 11 j 08:28 | 22° <b>∡</b> 55'31                    |            | evening max el   | -583 Dec 13 j 13:40                        | 5° <b>る</b> 04'20            | 18°51'07    |
| -                | -584 Dec 15 j 13:10 | 8°0                                   |            | asc. node        | -583 Dec 17 j 00:48                        | 7° <b>る</b> 54'28            |             |
| evening max el   | -584 Dec 30 j 02:38 | 21° <b>る</b> 39'19                    | 18°20'32   | retrograde       | -583 Dec 20 j 08:34                        | 8° <b>ප</b> 54'16            |             |
| asc. node        | -584 Dec 30 j 03:46 | 21° <b>る</b> 42'10                    |            | evening set      | -583 Dec 23 j 12:57                        | 7° <b>る</b> 56'10            |             |
| retrograde       | -583 Jan 05 j 14:52 | 25° <b>ප්</b> 11'34                   |            | inferior conj    | -583 Dec 29 j 06:28                        | 2° <b>ප</b> 12'51            | 3°22'26     |
| evening set      | -583 Jan 08 j 13:42 | 24° <b>る</b> 24'43                    |            | minimum elong    | -583 Dec 29 i 03:51                        |                              | 3°21'53     |
| inferior conj    | -583 Jan 14 j 14:16 | 18° <b>る</b> 58'47                    | 3°44'46    | min. Earth dist. | -583 Dec 30 j 22:48                        | 0° <b>ට</b> 08'49            | 0.65324 AU  |
| minimum elong    | -583 Jan 14 j 12:35 | 19° <b>る</b> 03'31                    | 3°44'36    |                  | -583 Dec 31 j 01:43                        | 30°R <b>✓</b>                |             |
| min. Earth dist. | -583 Jan 16 j 21:52 | 16° <b>る</b> 22'21                    | 0.63836 AU | morning rise     | -582 Jan 03 j 18:26                        | 26° <b>₹</b> 04'11           |             |
| morning rise     | -583 Jan 20 j 10:52 | 12° <b>る</b> 56'03                    | 0.05050110 | direct           | -582 Jan 10 j 09:34                        | 23° <b>×</b> 712'41          |             |
| direct           | -583 Jan 27 j 09:57 | 10°る07'22                             |            | ancer            | -582 Jan 22 j 14:53                        | 0°පි                         |             |
| desc. node       | -583 Feb 08 j 05:02 | 16° <b>ろ</b> 09'14                    |            | morning max el   | -582 Jan 23 j 11:55                        | 0° <b>る</b> 51'38            | 26°50'44    |
| morning max el   | -583 Feb 10 j 02:06 |                                       | 27°34'34   | desc. node       | -582 Jan 26 j 02:07                        | 3° <b>る</b> 35'45            | 20 30 44    |
| morning max cr   | -583 Feb 20 j 05:43 | 0°≈                                   | 21 34 34   | dese. Hode       | -582 Feb 14 j 06:19                        | 0°≈                          |             |
|                  | -583 New 20 j 05:43 | 0° <b>∺</b>                           |            | morning set      | -582 Feb 28 j 08:01                        | 0 ∞<br>24°≈40'47             |             |
| morning set      | -583 Mar 16 j 21:31 | 11° <b>米</b> 10'38                    |            | morning set      | -582 Mar 03 j 01:43                        | 0° <b>∺</b>                  |             |
| •                | -                   |                                       | 1.33309 AU | may Earth dist   | · ·  |                              | 1.34414 AU  |
| max. Earth dist. | -583 Mar 21 j 23:52 | 21° <b>∺</b> 35'13                    | 1.33309 AU | max. Earth dist. | -582 Mar 04 j 17:38                        | 3°π1849                      | 1.34414 AU  |
|                  | 502 M 24: 17-24     | 270 1 22100                           | 0025114    |                  | 502 M 00 : 10.05                           | 11° <b>¥</b> 37'31           | 1901127     |
| superior conj    | -583 Mar 24 j 17:24 | 27°) (22'08                           |            | superior conj    | -582 Mar 08 j 19:05                        |                              |             |
| minimum elong    | -583 Mar 24 j 19:04 | 27° <b>)</b> 31′06<br>0° <b>°</b>     | 0°34′54    | minimum elong    | -582 Mar 08 j 21:57                        |                              | 1°00'55     |
|                  | -583 Mar 25 j 22:53 |                                       |            | asc. node        | -582 Mar 15 j 00:08                        | 24° <b>)</b> 40'10           |             |
| asc. node        | -583 Mar 28 j 03:04 | 4°Υ40'29                              |            | evening rise     | -582 Mar 16 j 06:54                        | 27° <b>)</b> € 20'40         |             |
| evening rise     | -583 Mar 31 j 21:07 | 12° <b>Y</b> 40'33                    |            |                  | -582 Mar 17 j 13:47                        | 0°Υ                          |             |
|                  | -583 Apr 09 j 18:06 | 0° <b>8</b>                           |            | evening max el   | -582 Apr 05 j 01:14                        | 29° <b>Y</b> 13′21           | 21°18'32    |
| evening max el   | -583 Apr 23 j 03:35 | 18° <b>8</b> 23'58                    | 22°49'04   |                  | -582 Apr 05 j 21:17                        | 0° <b>8</b>                  |             |
| retrograde       | -583 May 06 j 09:31 | 24° <b>8</b> 57'20                    |            | retrograde       | -582 Apr 17 j 00:02                        | 5° <b>8</b> 01'18            |             |
| desc. node       | -583 May 07 j 04:12 | 24° <b>8</b> 55'59                    |            | evening set      | -582 Apr 19 j 08:46                        | 4° <b>8</b> 48'26            |             |
| evening set      | -583 May 09 j 15:44 | 24° <b>8</b> 34'05                    |            | desc. node       | -582 Apr 24 j 01:14                        | 3° <b>8</b> 16'08            |             |
| min. Earth dist. | -583 May 17 j 12:28 |                                       | 0.55477 AU | inferior conj    | -582 Apr 28 j 17:32                        | 0° <b>8</b> 48'26            |             |
| inferior conj    | -583 May 18 j 22:31 | 20° <b>8</b> 18'05                    |            | minimum elong    | -582 Apr 28 j 13:47                        | 0° <b>8</b> 53'42            |             |
| minimum elong    | -583 May 18 j 15:28 | 20° <b>8</b> 28'14                    | 3°05'18    | min. Earth dist. | -582 Apr 29 j 01:28                        | 0° <b>8</b> 37'15            | 0.55013 AU  |
| morning rise     | -583 May 27 j 17:29 | 16° <b>8</b> 23'59                    |            |                  | -582 Apr 30 j 04:08                        | 30° <b>₹Ƴ</b>                |             |
| direct           | -583 May 30 j 11:21 | 16° <b>8</b> 06'20                    |            | morning rise     | -582 May 07 j 19:07                        | 26° <b>Ƴ</b> 46'59           |             |
| morning max el   | -583 Jun 10 j 13:04 | 21° <b>8</b> 14'54                    | 20°45'33   | direct           | -582 May 10 j 21:59                        | 26° <b>Y</b> 25′50           |             |
|                  | -583 Jun 17 j 18:43 | $\Pi$ °0                              |            |                  | -582 May 20 j 15:09                        | $9^{\circ}$ 8                |             |
| asc. node        | -583 Jun 24 j 02:19 | 10° <b>Ⅱ</b> 37'57                    |            | morning max el   | -582 May 23 j 13:54                        | 2° <b>8</b> 27'09            | 22°16'32    |
| morning set      | -583 Jun 29 j 17:42 | 21° <b>Ⅱ</b> 45′13                    |            | asc. node        | -582 Jun 10 j 23:24                        | 0° <b>Ⅲ</b> 07'52            |             |
|                  | -583 Jul 03 j 17:18 | $0$ $\circ$ $\odot$                   |            |                  | -582 Jun 10 j 21:49                        | $\Pi$ °0                     |             |
|                  | •                   |                                       |            | morning set      | -582 Jun 14 j 03:41                        | 6° <b>Ⅱ</b> 37'15            |             |
|                  |                     |                                       |            |                  | •  |                              |             |

| •                   | •  |  | •           | * ·              | 901 BCE in historical cou |  | ge 1/1      |
|---------------------|--|--|-------------|------------------|---------------------------|--|-------------|
| superior conj       | -582 Jun 21 j 09:09                        | 21° <b>∏</b> 55'06                         |             | morning set      | -581 May 29 j 15:25       | 21° <b>8</b> 35'26                     |             |
| minimum elong       | -582 Jun 21 j 06:45                        |  | 1°30'17     | morning set      | -581 Jun 02 j 13:49       | 0° <b>Ⅱ</b>                            |             |
| _                   | -582 Jun 21 j 06:45<br>-582 Jun 24 j 13:55 | 21° <b>II</b> 42′29<br>28° <b>II</b> 35'20 |             |                  | -581 Jun 02 j 15:49       | 0-Щ                                    |             |
| max. Earth dist.    | -582 Jun 24 j 13:35<br>-582 Jun 25 j 06:27 |  | 1.34423 AU  |                  | 501 I 05:16:20            | COTT 4 4122                            | 1014117     |
|                     | ,  | 0°95                                       |             | superior conj    | -581 Jun 05 j 16:38       | 6° <b>Ⅱ</b> 44'23<br>6° <b>Ⅱ</b> 30'55 |             |
| evening rise        | -582 Jun 29 j 08:02                        | 8° <b>©</b> 07'05                          |             | minimum elong    | -581 Jun 05 j 14:08       |  |             |
|                     | -582 Jul 11 j 13:27                        | 0° <b>N</b>                                |             | max. Earth dist. | -581 Jun 07 j 15:54       |  | 1.33369 AU  |
| desc. node          | -582 Jul 21 j 00:34                        | 14° <b>Ω</b> 20'35                         | 27905125    | evening rise     | -581 Jun 13 j 02:50       | 22° <b>I</b> 18'16                     |             |
| evening max el      | -582 Aug 03 j 03:48                        | 0° Mp 04'14                                | 2/*05/25    |                  | -581 Jun 17 j 01:06       | 0° <b>⊙</b>                            |             |
| . 1                 | -582 Aug 03 j 02:02                        | 0° Mp                                      |             |                  | -581 Jul 05 j 08:32       | 0° <b>Ω</b>                            |             |
| retrograde          | -582 Aug 16 j 10:24                        | 7° m 23'24                                 |             | desc. node       | -581 Jul 07 j 21:35       | 3° <b>Ω</b> 23'01                      | 27025110    |
| evening set         | -582 Aug 23 j 08:27                        | 4° Mp 37'02                                | 0.65172 ATT | evening max el   | -581 Jul 16 j 14:31       | 13° <b>Ω</b> 13'49                     | 27°25'10    |
| min. Earth dist.    | -582 Aug 27 j 04:36                        | ••   | 0.65173 AU  | retrograde       | -581 Jul 30 j 06:06       | 20° <b>Ω</b> 34'24                     |             |
|                     | -582 Aug 27 j 22:49                        | 30°RΩ                                      | 2046122     | evening set      | -581 Aug 06 j 10:27       | 17° <b>£</b> 54′02                     | 0.62650.444 |
| inferior conj       | -582 Aug 29 j 05:23                        | 28° <b>Ω</b> 32'56                         |             | min. Earth dist. | -581 Aug 10 j 01:24       |  | 0.63670 AU  |
| minimum elong       | -582 Aug 29 j 09:23                        | 28° <b>Ω</b> 21'32                         | 2°45'01     | inferior conj    | -581 Aug 12 j 15:25       | 12° <b>Ω</b> 02'45                     |             |
| morning rise        | -582 Sep 04 j 11:00                        | 22° <b>Ω</b> 57'46                         |             | minimum elong    | -581 Aug 12 j 20:03       | 11° <b>Ω</b> 50'51                     | 3°34'20     |
| asc. node           | -582 Sep 06 j 22:35                        | 22° <b>Ω</b> 16'41                         |             | morning rise     | -581 Aug 19 j 06:41       | 6° <b>Ω</b> 44'23                      |             |
| direct              | -582 Sep 07 j 05:36                        | 22° <b>Ω</b> 16'13                         |             | direct           | -581 Aug 21 j 20:40       | 6° <b>Ω</b> 11'38                      |             |
| morning max el      | -582 Sep 13 j 18:32                        |  | 18°12'27    | asc. node        | -581 Aug 24 j 19:39       | 6° <b>£</b> 55'05                      |             |
| _                   | -582 Sep 17 j 07:37                        | 0° <b>m</b>                                |             | morning max el   | -581 Aug 28 j 10:10       | 9° <b>Ω</b> 37'25                      | 17°55'19    |
| morning set         | -582 Oct 02 j 06:54                        | 23° m 37'48                                |             |                  | -581 Sep 11 j 01:10       | 0° <b>m</b> )                          |             |
|                     | -582 Oct 06 j 03:45                        | 0∘ <b>⊽</b>                                |             | morning set      | -581 Sep 14 j 06:04       | 5° <b>m</b> 33'07                      |             |
|                     | 502.0 / 16:17.10                           | 170 0 00100                                | 0001140     |                  | 501.0 06:15.26            | 2 (0 m 2 4142                          | 0046124     |
| superior conj       | -582 Oct 16 j 17:19                        | 17° <b>Ω</b> 02'33                         | 0°01'49     | superior conj    | -581 Sep 26 j 15:36       | 26° m 34'43                            |             |
| minimum elong       | -582 Oct 16 j 17:33                        | 17° <b>£</b> 03'26                         | 0°01'47     | minimum elong    | -581 Sep 26 j 20:08       | 26° m 53'24                            | 0°45'56     |
| behind sun begin    | -582 Oct 16 j 06:39                        | 16° <b>£</b> 20'07                         |             |                  | -581 Sep 28 j 17:45       | 0° <b>⊽</b>                            |             |
| behind sun end      | -582 Oct 17 j 04:27                        | 17° <b>Ω</b> 46'42                         |             | max. Earth dist. | -581 Oct 02 j 13:26       | 6° <b>£</b> 10′00                      | 1.44031 AU  |
| desc. node          | -582 Oct 16 j 23:56                        | 17° <b>£</b> 28'49                         |             | desc. node       | -581 Oct 03 j 20:57       | 8° <b>£</b> 15'41                      |             |
| max. Earth dist.    | -582 Oct 19 j 20:45                        | 22° <b>Ω</b> 00'58                         | 1.44851 AU  | evening rise     | -581 Oct 12 j 13:22       | 21° <b>≙</b> 51'10                     |             |
|                     | -582 Oct 24 j 22:47                        | 0°M  |             |                  | -581 Oct 17 j 21:07       | 0°M                                    |             |
| evening rise        | -582 Nov 02 j 05:29                        | 12°M54'30                                  |             |                  | -581 Nov 08 j 03:05       | 0° <b>∡</b> 7                          | 20020152    |
|                     | -582 Nov 13 j 07:02                        | 0° <b>∡</b> 7                              | ^ <b>=</b>  | evening max el   | -581 Nov 09 j 23:06       | 1° <b>₹</b> 59'56                      | 20°39'53    |
| greatest brilliancy | -582 Nov 14 j 13:03                        | 1° <b>₹</b> 53'46                          | -0.7m       | retrograde       | -581 Nov 18 j 03:05       | 6° <b>х</b> 49′33                      |             |
| evening max el      | -582 Nov 26 j 20:59                        | 18° <b>∡</b> 31'34                         | 19°38'17    | asc. node        | -581 Nov 20 j 18:53       | 6° <b>∡</b> 709'17                     |             |
| asc. node           | -582 Dec 03 j 21:51                        | 22° <b>₹</b> 47'26                         |             | evening set      | -581 Nov 21 j 23:56       | 5° <b>₹</b> 23'35                      |             |
| retrograde          | -582 Dec 04 j 05:28                        | 22° <b>х</b> 48'01                         |             |                  | -581 Nov 26 j 20:18       | 30°RM₁                                 |             |
| evening set         | -582 Dec 07 j 17:04                        | 21° <b>×</b> 36'58                         |             | inferior conj    | -581 Nov 27 j 09:39       | 29°M14'42                              |             |
| inferior conj       | -582 Dec 13 j 05:46                        | 15° <b>₹</b> 39'14                         |             | minimum elong    | -581 Nov 27 j 07:08       | 29°M23'16                              |             |
| minimum elong       | -582 Dec 13 j 02:55                        |  | 2°48'24     | min. Earth dist. | -581 Nov 27 j 23:35       |  | 0.67169 AU  |
| min. Earth dist.    | -582 Dec 14 j 08:06                        | 14° <b>∡</b> 12'56                         | 0.66432 AU  | morning rise     | -581 Dec 02 j 14:08       | 23°M00'56                              |             |
| morning rise        | -582 Dec 18 j 12:33                        | 9° <b>∡</b> 126'56                         |             | direct           | -581 Dec 08 j 02:06       | 20°M36'07                              |             |
| direct              | -582 Dec 24 j 15:10                        | 6° <b>≯</b> 44'38                          |             | morning max el   | -581 Dec 19 j 05:33       | 27°M15'05                              | 24°19'16    |
| morning max el      | -581 Jan 05 j 21:11                        | 14° <b>∡</b> 00'36                         | 25°42'20    |                  | -581 Dec 21 j 19:24       | 0° <b>∡</b>                            |             |
| desc. node          | -581 Jan 12 j 23:10                        | 22° <b>∡</b> 04'56                         |             | desc. node       | -581 Dec 30 j 20:13       | 11° <b>∡</b> 18'48                     |             |
|                     | -581 Jan 18 j 22:34                        | 0°る  |             |                  | -580 Jan 12 j 14:33       | 0°⋜                                    |             |
|                     | -581 Feb 07 j 00:52                        | 0° <b>≈</b>                                |             | morning set      | -580 Jan 24 j 02:33       | 18° <b>ろ</b> 57'13                     |             |
| morning set         | -581 Feb 11 j 03:37                        | 7° <b>≈</b> 21'35                          |             | max. Earth dist. | -580 Jan 27 j 19:55       |  | 1.37907 AU  |
| max. Earth dist.    | -581 Feb 14 j 23:21                        | 14° <b>≈</b> 30′09                         | 1.35968 AU  |                  | -580 Jan 30 j 06:27       | 0° <b>≈</b>                            |             |
|                     | 501 E 1 - 20 : 12 4 :                      | 250 22112                                  | 1005120     |                  | 500 E 1 02:10 00          | 0022102                                | 1045141     |
| superior conj       | -581 Feb 20 j 12:46                        | 25°≈23'40                                  |             | superior conj    | -580 Feb 03 j 19:08       | 8°≈32'00                               |             |
| minimum elong       | -581 Feb 20 j 16:25                        |  | 1°25'08     | minimum elong    | -580 Feb 03 j 22:43       | 8°≈49'11                               | 1°45'22     |
|                     | -581 Feb 22 j 19:25                        | 0° <b>)</b> ( 42/24                        |             | evening rise     | -580 Feb 12 j 12:22       | 25°≈39'55                              |             |
| evening rise        | -581 Feb 28 j 12:45                        | 11° <b>)</b> (42'31                        |             |                  | -580 Feb 14 j 17:22       | 0° <b>∀</b>                            |             |
| asc. node           | -581 Mar 01 j 21:10                        | 14° <b>)</b> €26'32                        |             | asc. node        | -580 Feb 16 j 18:12       | 3° <b>¥</b> 54′26                      |             |
|                     | -581 Mar 10 j 06:48                        | 0°Υ  | 20002116    | evening max el   | -580 Feb 29 j 04:48       | 22° <b>H</b> 37'04                     | 19°04'37    |
| evening max el      | -581 Mar 18 j 09:33                        |  | 20°02'16    | retrograde       | -580 Mar 08 j 20:16       | 26° <b>)</b> (46′30                    |             |
| retrograde          | -581 Mar 28 j 15:39                        | 15° <b>Y</b> 30'57                         |             | evening set      | -580 Mar 11 j 02:38       | 26° <b>)</b> € 30'36                   |             |
| evening set         | -581 Mar 30 j 18:41                        | 15°Υ19'12                                  | 0020120     | inferior conj    | -580 Mar 19 j 05:12       | 22° <b>)</b> 17'31                     | 2°16'00     |
| inferior conj       | -581 Apr 08 j 15:36                        | 11° <b>Υ</b> 19'29                         | 0°38'38     | minimum elong    | -580 Mar 19 j 09:35       | 22° <b>)</b> (09'54                    |             |
| minimum elong       | -581 Apr 08 j 17:18                        | 11°Υ16'55                                  | 0°38'03     | min. Earth dist. | -580 Mar 22 j 07:15       |  | 0.56843 AU  |
| min. Earth dist.    | -581 Apr 10 j 15:38                        | 10° <b>Y</b> 07'01                         | 0.55502 AU  | morning rise     | -580 Mar 27 j 13:34       | 17° <b>光</b> 17′50                     |             |
| desc. node          | -581 Apr 10 j 22:18                        | 9° <b>Υ</b> 57'08                          |             | desc. node       | -580 Mar 27 j 19:21       | 17° <b>)</b> 12′18                     |             |
| morning rise        | -581 Apr 17 j 13:51                        | 6°Υ52'17                                   |             | direct           | -580 Apr 01 j 15:40       | 16° <b>¥</b> 16'55                     | 25022112    |
| direct              | -581 Apr 21 j 12:30                        | 6°Υ18'05                                   | 22056146    | morning max el   | -580 Apr 15 j 21:38       | 23° <b>)</b> €38'07                    | 25°33'10    |
| morning max el      | -581 May 05 j 06:58                        | 13° <b>Y</b> 07'19                         | 25~56'46    |                  | -580 Apr 21 j 15:26       | 0° <b>Υ</b>                            |             |
|                     | -581 May 18 j 05:49                        | 0° <b>8</b>                                |             |                  | -580 May 09 j 22:39       | 0° <b>8</b>                            |             |
| asc. node           | -581 May 28 j 20:27                        | 19° <b>8</b> 56'14                         |             | morning set      | -580 May 13 j 03:14       | 6° <b>8</b> 34'06                      |             |
|                     |  |  |             |                  |                           |  |             |

|  |   | -   | astronomical cou  |  | 901 BCE in historical cou   |  |   |
|--|---|---|---|--|---|--|---|
| asc. node  | -580 May 14 j 17:29   | 9° <b>8</b> 57'12   |   | morning set asc. node  | -579 Apr 27 j 13:32<br>-579 May 01 j 14:32  | 21° <b>Y</b> 27'42<br>0° <b>8</b> 06'01  |   |
| superior conj  | -580 May 20 j 03:08   | 21° <b>8</b> 42'03  | 0°54'18   | asc. node  | -579 May 01 j 14.32   | 0.80001  |   |
| minimum elong  | -580 May 20 j 01:01   | 21° <b>8</b> 30'29  | 0°53'54   |  | -577 Way 01 j 15.25   | v <b>O</b>   |   |
| max. Earth dist.   | -580 May 21 j 00:58   | 23° <b>8</b> 41'18  | 1.32699 AU  | superior conj  | -579 May 04 j 14:52   | 6° <b>8</b> 41'56  | 0°31'25   |
|  | -580 May 23 j 23:01   | 0° <b>Ⅱ</b>   |   | minimum elong  | -579 May 04 j 13:31   | 6° <b>8</b> 34'31  | 0°31'08   |
| evening rise   | -580 May 27 j 05:30   | 6° <b>Ⅱ</b> 52'51   |   | max. Earth dist.   | -579 May 04 j 13:41   | 6° <b>8</b> 35'23  | 1.32390 AU  |
|  | -580 Jun 08 j 13:35   | $0$ $\circ$ $\odot$   |   | evening rise   | -579 May 11 j 13:20   | 21° <b>8</b> 41'59   |   |
| desc. node   | -580 Jun 23 j 18:36   | 21° <b>©</b> 32'06  |   |  | -579 May 15 j 15:07   | $\Pi$ °0   |   |
| evening max el   | -580 Jun 27 j 21:56   | 25° <b>©</b> 51'57  | 27°13'30  |  | -579 Jun 03 j 00:18   | 0ა <b>ௐ</b>  |   |
|  | -580 Jul 02 j 23:16   | 0°N   |   | evening max el   | -579 Jun 09 j 23:34   | 7°5548'10  | 26°28'47  |
| retrograde   | -580 Jul 11 j 19:01   | 3° <b>Ω</b> 09'56   |   | desc. node   | -579 Jun 10 j 15:37   | 8°925'42   |   |
| evening set  | -580 Jul 18 j 21:30<br>-580 Jul 20 j 01:51  | 0° <b>№</b> 49'19<br>30° <b>№</b>   |   | retrograde<br>evening set  | -579 Jun 23 j 23:49<br>-579 Jun 30 j 13:08  | 15° <b>©</b> 02'46<br>13° <b>©</b> 14'32   |   |
| min. Earth dist.   | -580 Jul 20 j 01:31   |   | 0.61846 AU  | min. Earth dist.   | -579 Jul 04 j 12:44   | 10°936'37  | 0.59820 AU  |
| inferior conj  | -580 Jul 25 j 13:46   | 25°5013'56  |   | inferior conj  | -579 Jul 07 j 20:56   | 7°957'46   |   |
| minimum elong  | -580 Jul 25 j 17:51   | 25° <b>©</b> 04'37  |   | minimum elong  | -579 Jul 07 j 22:38   | 7° <b>9</b> 54'24  |   |
| morning rise   | -580 Aug 01 j 15:39   | 20° <b>©</b> 15'23  |   | morning rise   | -579 Jul 15 j 10:08   | 3° <b>5</b> 21'28  |   |
| direct   | -580 Aug 04 j 03:32   | 19° <b>5</b> 348'39   |   | direct   | -579 Jul 17 j 22:03   | 2° <b>©</b> 58'51  |   |
| asc. node  | -580 Aug 10 j 16:42   | 22° <b>©</b> 57'04  |   | morning max el   | -579 Jul 25 j 11:17   | 6° <b>5</b> 37'49  | 18°17'14  |
| morning max el   | -580 Aug 11 j 00:42   | 23° <b>©</b> 16'13  | 17°56'32  | asc. node  | -579 Jul 28 j 13:45   | 10° <b>©</b> 07'54   |   |
|  | -580 Aug 16 j 08:38   | $0$ $\circ$ $\Omega$  |   |  | -579 Aug 09 j 09:25   | $0$ $\circ$ $\Omega$   |   |
| morning set  | -580 Aug 27 j 01:17   | 18° <b>Ω</b> 25'53  |   | morning set  | -579 Aug 10 j 11:07   | 2° <b>Ω</b> 01'45  |   |
|  | -580 Sep 02 j 11:12   | 0° <b>m</b>   |   |  | 570 A 10: 10:54   | 100 025101   | 1°38'49   |
| superior aoni  | 590 San 06 i 17:11  | 7° mp 27'18   | 1910/16   | superior conj<br>minimum elong   | -579 Aug 19 j 19:54<br>-579 Aug 19 j 22:54  |  | 1°38'49<br>1°38'37  |
| superior conj<br>minimum elong   | -580 Sep 06 j 17:11<br>-580 Sep 06 j 22:02  | 7°Mp48'17   |   | minimum elong  | -579 Aug 19 j 22.34<br>-579 Aug 25 j 16:25  | 0° M)  | 1 3637  |
| max. Earth dist.   | -580 Sep 14 j 01:53   | 19° <b>m</b> 52'04  | 1.42614 AU  | max. Earth dist.   | -579 Aug 27 j 09:09   |  | 1.40783 AU  |
| desc. node   | -580 Sep 19 j 17:57   | 29° m 00'57   | 12011.110   | evening rise   | -579 Sep 01 j 03:51   | 10° m 55'28  | 1.10,05110  |
|  | -580 Sep 20 j 08:53   | 0∘ <u>⊽</u>   |   | desc. node   | -579 Sep 06 j 14:57   | 19° <b>m</b> ) 41'26   |   |
| evening rise   | -580 Sep 20 j 23:22   | 0°₽57'06  |   |  | -579 Sep 13 j 08:42   | 0∘ <b>⊽</b>  |   |
|  | -580 Oct 10 j 11:02   | $0^{\circ}$ M.  |   | evening max el   | -579 Oct 05 j 10:37   | 28° <b>≏</b> 58'19   | 23°11'50  |
| evening max el   | -580 Oct 22 j 19:24   | 15°M28'24   | 21°52'39  |  | -579 Oct 06 j 11:55   | $0^{\circ}$ M  |   |
| retrograde   | -580 Oct 31 j 23:26   | 20°M55'27   |   | retrograde   | -579 Oct 15 j 17:11   | 5°M03'18   |   |
| evening set  | -580 Nov 05 j 07:41   | 19°M12'28   |   | evening set  | -579 Oct 20 j 14:39   | 3°M02'04   |   |
| asc. node  | -580 Nov 06 j 15:55   | 17°M58'28   | 1020140   |  | -579 Oct 23 j 11:24   | 30° <b>₹</b> Ω   |   |
| inferior conj  | -580 Nov 10 j 16:01   | 12°M55'50<br>13°M01'56  | 1°20'49<br>1°20'07                                      | asc. node  | -579 Oct 24 j 12:58   | 28° <b>♀</b> 37'15<br>26° <b>♀</b> 41'12   | 0°29'19   |
| minimum elong<br>min. Earth dist.  | -580 Nov 10 j 14:15<br>-580 Nov 10 j 18:47  |   | 0.67559 AU  | inferior conj<br>minimum elong   | -579 Oct 25 j 23:03<br>-579 Oct 25 j 22:22  | 26° <b>£</b> 41 12<br>26° <b>£</b> 43'34   | 0°29'01   |
| morning rise   | -580 Nov 15 j 20:40   | 6°M42'57  | 0.07337 AO  | min. Earth dist.   | -579 Oct 25 j 15:19   | 27° <b>Ω</b> 07'45   | 0.67624 AU  |
| direct   | -580 Nov 20 j 17:25   | 4°M39'53  |   | morning rise   | -579 Oct 31 j 06:00   | 20° <b>♀</b> 31'31   | 0.07021710  |
| morning max el   | -580 Nov 30 j 15:18   | 10°M33'07   | 22°51'35  | direct   | -579 Nov 04 j 12:16   | 18° <b>≏</b> 51'04   |   |
| C  | -580 Dec 15 j 23:22   | 0°⊀   |   | morning max el   | -579 Nov 13 j 06:08   | 23° <b>ჲ</b> 58'53   | 21°27'50  |
| desc. node   | -580 Dec 16 j 17:15   | 1° <b>₹</b> 04'01   |   |  | -579 Nov 18 j 11:55   | $0^{\circ}$ M  |   |
| morning set  | -579 Jan 03 j 22:38   | 29° <b>√</b> 11'44  |   | desc. node   | -579 Dec 03 j 14:16   | 21°M11'43  |   |
|  | -579 Jan 04 j 10:18   | 0°ප   |   |  | -579 Dec 09 j 09:37   | 0° <b>∡</b> ″  |   |
| max. Earth dist.   | -579 Jan 08 j 15:23   | 7° <b>る</b> 06'06   | 1.40025 AU  | morning set  | -579 Dec 14 j 13:54   | 8° <b>∡</b> 04'32  |   |
|  | 575 Juli 00 j 15.25   |   |   |  |   |  |   |
|  | -   | 200750150   | 105000  | max. Earth dist.   | -579 Dec 21 j 16:46   | 19° <b>∡</b> ³33'41  | 1.42032 AU  |
| superior conj  | -579 Jan 16 j 09:45   | 20°る50'53   |   | max. Earth dist.   | -579 Dec 21 j 16:46<br>-579 Dec 27 j 21:46  | 19°♂33'41<br>0°♂   | 1.42032 AU  |
| superior conj<br>minimum elong   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43  | 20° <b>ප්</b> 59'53   |   |  | -579 Dec 27 j 21:46   | 0°ెక   |   |
| minimum elong  | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00   | 20° <b>ප්</b> 59'53<br>0°≈  |   | superior conj  | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11  | 0°පි<br>2°පි06'40  | -1°59'59  |
| minimum elong evening rise   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52  | 20° <b>ප</b> 59'53<br>0°≈<br>9°≈05'36   |   | superior conj<br>minimum elong   | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30   | 0°る<br>2°る06'40<br>1°る59'26  | -1°59'59  |
| minimum elong  | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14   | 20° <b>ප</b> 59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30  |   | superior conj  | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41  | 0°る<br>2°る06'40<br>1°る59'26<br>21°る51'28   | -1°59'59  |
| minimum elong evening rise   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44  | 20° <b>ප</b> 59'53<br>0°≈<br>9°≈05'36   |   | superior conj<br>minimum elong   | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41<br>-578 Jan 13 j 16:30   | 0°る<br>2°る06'40<br>1°る59'26  | -1°59'59  |
| minimum elong evening rise asc. node   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14   | 20°る59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0°升  | 1°58'25   | superior conj<br>minimum elong<br>evening rise   | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41  | 0°පි<br>2°පි06'40<br>1°පි59'26<br>21°පි51'28<br>0°≋  | -1°59'59  |
| minimum elong evening rise asc. node evening max el  | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43   | 20°♂59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0°升<br>5°升10'25  | 1°58'25   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde  | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41<br>-578 Jan 13 j 16:30<br>-578 Jan 20 j 12:17  | 0°る<br>2°る06'40<br>1°る59'26<br>21°る51'28<br>0°≈<br>11°≈27'25   | -1°59'59<br>1°59'57   |
| minimum elong evening rise asc. node evening max el retrograde   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 18 j 19:51<br>-579 Feb 21 j 07:15<br>-579 Feb 28 j 15:38   | 20°云59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0°ℋ<br>5°ℋ10'25<br>8°ℋ50'38<br>8°ℋ27'39<br>3°ℋ54'28  | 1°58'25<br>18°26'57<br>3°18'12                          | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set   | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41<br>-578 Jan 13 j 16:30<br>-578 Jan 20 j 12:17<br>-578 Jan 25 j 18:16<br>-578 Feb 01 j 12:49<br>-578 Feb 04 j 04:37   | 0°පි<br>2°පි06'40<br>1°පි59'26<br>21°පි51'28<br>0°≈<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52  | -1°59'59<br>1°59'57<br>18°09'16                                     |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43<br>-579 Feb 21 j 07:15<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 19:15  | 20°₹59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0°¥<br>5°¥10'25<br>8°¥50'38<br>8°¥27'39<br>3°¥54'28<br>3°¥47'09  | 1°58'25<br>18°26'57<br>3°18'12<br>3°17'33               | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj  | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41<br>-578 Jan 13 j 16:30<br>-578 Jan 20 j 12:17<br>-578 Jan 25 j 18:16<br>-578 Feb 01 j 12:49<br>-578 Feb 04 j 04:37<br>-578 Feb 10 j 21:57  | 0°る<br>2°る06'40<br>1°る59'26<br>21°る51'28<br>0°≈<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52<br>16°≈08'19   | -1°59'59<br>1°59'57<br>18°09'16<br>3°47'24                          |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43<br>-579 Feb 18 j 19:51<br>-579 Feb 21 j 07:15<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 19:15<br>-579 Mar 04 j 01:59  | 20°₹59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0°₩<br>5°₩10'25<br>8°₩50'38<br>8°₩27'39<br>3°₩54'28<br>3°₩47'09<br>1°₩09'16  | 1°58'25<br>18°26'57<br>3°18'12                          | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong   | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41<br>-578 Jan 13 j 16:30<br>-578 Jan 20 j 12:17<br>-578 Jan 25 j 18:16<br>-578 Feb 01 j 12:49<br>-578 Feb 04 j 04:37<br>-578 Feb 10 j 21:57<br>-578 Feb 10 j 23:18   | 2°♂06'40<br>1°♂59'26<br>21°♂551'28<br>0°≈<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52<br>16°≈08'19   | -1°59'59<br>1°59'57<br>18°09'16<br>3°47'24<br>3°47'18               |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.                                | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43<br>-579 Feb 21 j 07:15<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 19:15<br>-579 Mar 04 j 01:59<br>-579 Mar 05 j 15:53  | 20°₹59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0°₩<br>5°₩10'25<br>8°₩50'38<br>8°₩27'39<br>3°₩54'28<br>3°₩47'09<br>1°₩09'16<br>30°R≈   | 1°58'25<br>18°26'57<br>3°18'12<br>3°17'33               | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.   | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41<br>-578 Jan 13 j 16:30<br>-578 Jan 20 j 12:17<br>-578 Jan 25 j 18:16<br>-578 Feb 01 j 12:49<br>-578 Feb 04 j 04:37<br>-578 Feb 10 j 21:57<br>-578 Feb 10 j 23:18<br>-578 Feb 14 j 02:57  | 2°පි06'40<br>1°පි59'26<br>21°පි51'28<br>0°≈<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52<br>16°≈08'19<br>16°≈05'08  | -1°59'59<br>1°59'57<br>18°09'16<br>3°47'24                          |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise                   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43<br>-579 Feb 18 j 19:51<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 15:38<br>-579 Mar 04 j 01:59<br>-579 Mar 05 j 15:53<br>-579 Mar 08 j 04:46   | 0°₹59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0°₩<br>5°₩10'25<br>8°₩50'38<br>8°₩27'39<br>3°₩54'28<br>3°₩47'09<br>1°₩09'16<br>30°R≈<br>28°≈27'07   | 1°58'25<br>18°26'57<br>3°18'12<br>3°17'33               | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise                         | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41<br>-578 Jan 13 j 16:30<br>-578 Jan 20 j 12:17<br>-578 Jan 25 j 18:16<br>-578 Feb 01 j 12:49<br>-578 Feb 04 j 04:37<br>-578 Feb 10 j 21:57<br>-578 Feb 10 j 23:18<br>-578 Feb 14 j 02:57<br>-578 Feb 17 j 16:22                   | 2°る06'40<br>1°る59'26<br>21°る51'28<br>0°≈<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52<br>16°≈08'19<br>16°≈05'08<br>13°≈09'01<br>10°≈21'49   | -1°59'59<br>1°59'57<br>18°09'16<br>3°47'24<br>3°47'18               |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct            | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43<br>-579 Feb 18 j 19:51<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 19:15<br>-579 Mar 04 j 01:59<br>-579 Mar 05 j 15:53<br>-579 Mar 08 j 04:46<br>-579 Mar 14 j 07:55  | 20°₹59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0°₩<br>5°₩10'25<br>8°₩50'38<br>8°₩27'39<br>3°₩54'28<br>3°₩47'09<br>1°₩09'16<br>30°₹≈<br>28°≈27'07<br>26°≈49'36                                   | 1°58'25<br>18°26'57<br>3°18'12<br>3°17'33               | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct               | -579 Dec 27 j 21:46<br>-579 Dec 29 j 03:11<br>-579 Dec 29 j 01:30<br>-578 Jan 09 j 04:41<br>-578 Jan 13 j 16:30<br>-578 Jan 20 j 12:17<br>-578 Jan 25 j 18:16<br>-578 Feb 01 j 12:49<br>-578 Feb 10 j 21:57<br>-578 Feb 10 j 23:18<br>-578 Feb 14 j 02:57<br>-578 Feb 17 j 16:22<br>-578 Feb 24 j 11:21                   | 2°ති06'40<br>1°ති59'26<br>21°ති51'28<br>0°≈<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52<br>16°≈08'19<br>16°≈05'08<br>13°≈09'01<br>10°≈21'49<br>8°≈07'52                          | -1°59'59<br>1°59'57<br>18°09'16<br>3°47'24<br>3°47'18               |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise                   | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43<br>-579 Feb 18 j 19:51<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 19:15<br>-579 Mar 04 j 01:59<br>-579 Mar 05 j 15:53<br>-579 Mar 08 j 04:46<br>-579 Mar 14 j 07:55<br>-579 Mar 14 j 16:23                        | 20°₹59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0° ₩<br>5° ₩10'25<br>8° ₩50'38<br>8° ₩27'39<br>3° ₩54'28<br>3° ₩47'09<br>1° ₩09'16<br>30° №≈<br>28°≈27'07<br>26°≈49'36<br>26°≈49'55              | 1°58'25<br>18°26'57<br>3°18'12<br>3°17'33               | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>desc. node | -579 Dec 27 j 21:46  -579 Dec 29 j 03:11  -579 Dec 29 j 01:30  -578 Jan 09 j 04:41  -578 Jan 13 j 16:30  -578 Jan 20 j 12:17  -578 Jan 25 j 18:16  -578 Feb 01 j 12:49  -578 Feb 04 j 04:37  -578 Feb 10 j 23:18  -578 Feb 14 j 02:57  -578 Feb 17 j 16:22  -578 Feb 24 j 11:21  -578 Mar 01 j 13:27                      | 2°506'40<br>1°559'26<br>21°551'28<br>0°≈<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52<br>16°≈08'19<br>16°≈05'08<br>13°≈09'01<br>10°≈21'49<br>8°≈07'52<br>9°≈16'29                 | -1°59'59<br>1°59'57<br>18°09'16<br>3°47'24<br>3°47'18<br>0.60816 AU |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43<br>-579 Feb 18 j 19:51<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 19:15<br>-579 Mar 04 j 01:59<br>-579 Mar 05 j 15:53<br>-579 Mar 08 j 04:46<br>-579 Mar 14 j 07:55<br>-579 Mar 14 j 16:23<br>-579 Mar 23 j 06:31 | 20°₹59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0° ₩<br>5° ₩ 10'25<br>8° ₩ 50'38<br>8° ₩ 27'39<br>3° ₩ 54'28<br>3° ₩ 47'09<br>1° ₩ 09'16<br>30° №<br>28°≈27'07<br>26°≈49'36<br>26°≈49'55<br>0° ₩ | 1°58'25<br>18°26'57<br>3°18'12<br>3°17'33<br>0.58731 AU | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct               | -579 Dec 27 j 21:46  -579 Dec 29 j 03:11  -579 Dec 29 j 01:30  -578 Jan 09 j 04:41  -578 Jan 13 j 16:30  -578 Jan 20 j 12:17  -578 Jan 25 j 18:16  -578 Feb 01 j 12:49  -578 Feb 04 j 04:37  -578 Feb 10 j 21:57  -578 Feb 10 j 23:18  -578 Feb 17 j 16:22  -578 Feb 24 j 11:21  -578 Mar 01 j 13:27  -578 Mar 10 j 16:09 | 2°ත්06'40<br>1°ත්59'26<br>21°ත්51'28<br>0°ක<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52<br>16°≈08'19<br>16°≈05'08<br>13°≈09'01<br>10°≈21'49<br>8°≈07'52<br>9°≈16'29<br>15°≈55'52 | -1°59'59<br>1°59'57<br>18°09'16<br>3°47'24<br>3°47'18               |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct            | -579 Jan 16 j 09:45<br>-579 Jan 16 j 11:43<br>-579 Jan 21 j 08:00<br>-579 Jan 26 j 02:52<br>-579 Feb 02 j 15:14<br>-579 Feb 07 j 01:44<br>-579 Feb 11 j 08:43<br>-579 Feb 18 j 19:51<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 15:38<br>-579 Feb 28 j 19:15<br>-579 Mar 04 j 01:59<br>-579 Mar 05 j 15:53<br>-579 Mar 08 j 04:46<br>-579 Mar 14 j 07:55<br>-579 Mar 14 j 16:23                        | 20°₹59'53<br>0°≈<br>9°≈05'36<br>22°≈57'30<br>0° ₩<br>5° ₩10'25<br>8° ₩50'38<br>8° ₩27'39<br>3° ₩54'28<br>3° ₩47'09<br>1° ₩09'16<br>30° №≈<br>28°≈27'07<br>26°≈49'36<br>26°≈49'55              | 1°58'25<br>18°26'57<br>3°18'12<br>3°17'33               | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>desc. node | -579 Dec 27 j 21:46  -579 Dec 29 j 03:11  -579 Dec 29 j 01:30  -578 Jan 09 j 04:41  -578 Jan 13 j 16:30  -578 Jan 20 j 12:17  -578 Jan 25 j 18:16  -578 Feb 01 j 12:49  -578 Feb 04 j 04:37  -578 Feb 10 j 23:18  -578 Feb 14 j 02:57  -578 Feb 17 j 16:22  -578 Feb 24 j 11:21  -578 Mar 01 j 13:27                      | 2°506'40<br>1°559'26<br>21°551'28<br>0°≈<br>11°≈27'25<br>18°≈07'19<br>21°≈34'17<br>21°≈02'52<br>16°≈08'19<br>16°≈05'08<br>13°≈09'01<br>10°≈21'49<br>8°≈07'52<br>9°≈16'29                 | -1°59'59<br>1°59'57<br>18°09'16<br>3°47'24<br>3°47'18<br>0.60816 AU |

| •                | -  |                                  | •          | / /                        | 901 BCE in historical cou                  |  | 50 173     |
|------------------|--|----------------------------------|------------|----------------------------|--|--|------------|
| morning set      | -578 Apr 11 j 20:25                        | 6° <b>Υ</b> 08'42                |            |                            | -577 Mar 15 j 22:22                        | 0° <b>∀</b>                              |            |
| max. Earth dist. | -578 Apr 18 j 02:03                        | 19° <b>Ƴ</b> 25'34               | 1.32441 AU | morning set                | -577 Mar 26 j 21:44                        | 20° <b>¥</b> 29'50                       |            |
| asc. node        | -578 Apr 18 j 11:34                        | 20° <b>Ƴ</b> 17'30               |            | -                          | -577 Mar 31 j 11:54                        | $0^{\circ}$ Y                            |            |
|                  |  |                                  |            | max. Earth dist.           | -577 Apr 01 j 10:02                        | 1° <b>Y</b> 57'42                        | 1.32872 AU |
| superior conj    | -578 Apr 19 j 02:07                        | 21° <b>Y</b> 37'03               | 0°06'26    |                            |  |  |            |
| minimum elong    | -578 Apr 19 j 01:49                        | 21° <b>Y</b> 35'26               | 0°06'22    | superior conj              | -577 Apr 03 j 11:13                        | 6° <b>Y</b> 21'50                        |            |
| behind sun begin | -578 Apr 18 j 21:10                        | 21° <b>Y</b> 09'59               |            | minimum elong              | -577 Apr 03 j 12:09                        | 6° <b>Y</b> 26'55                        | 0°19'41    |
| behind sun end   | -578 Apr 19 j 06:29                        | 22° <b>Y</b> 00'54               |            | asc. node                  | -577 Apr 05 j 08:38                        | 10° <b>Y</b> 27'46                       |            |
|                  | -578 Apr 22 j 22:09                        | 0°8                              |            | evening rise               | -577 Apr 10 j 11:54                        | 21° <b>Y</b> '30'42                      |            |
| evening rise     | -578 Apr 26 j 00:05                        | 6° <b>8</b> 36'45                |            |                            | -577 Apr 14 j 15:08                        | 0°8                                      |            |
|                  | -578 May 08 j 07:54                        | 0° <b>II</b>                     |            | evening max el             | -577 May 04 j 08:56                        | 29° <b>8</b> 39'15                       | 23°43'55   |
| evening max el   | -578 May 22 j 18:14                        | 18° <b>∏</b> 58'55               | 25°15'16   |                            | -577 May 04 j 17:40                        | $\Pi$ °0                                 |            |
| desc. node       | -578 May 28 j 12:39                        | 23° <b>∏</b> 32'12               |            | desc. node                 | -577 May 15 j 09:42                        | 6° <b>Ⅱ</b> 15'09                        |            |
| retrograde       | -578 Jun 05 j 18:52                        | 26° <b>Ⅲ</b> 08'03               |            | retrograde                 | -577 May 18 j 02:10                        | 6° <b>Ⅱ</b> 31'36                        |            |
| evening set      | -578 Jun 11 j 06:00                        | 24° <b>Ⅲ</b> 58'42               |            | evening set                | -577 May 22 j 02:42                        | 5° <b>Ⅱ</b> 55'52                        |            |
| min. Earth dist. | -578 Jun 16 j 05:59                        |                                  | 0.57808 AU | min. Earth dist.           | -577 May 28 j 19:46                        |  | 0.56140 AU |
| inferior conj    | -578 Jun 19 j 09:21                        | 20° <b>Ⅲ</b> 03'21               |            | inferior conj              | -577 May 31 j 01:37                        | 1° <b>Ⅱ</b> 25'14                        |            |
| minimum elong    | -578 Jun 19 j 06:49                        | 20° <b>Ⅲ</b> 07'44               | 4°35'18    | minimum elong              | -577 May 30 j 19:07                        | 1° <b>Ⅱ</b> 35'06                        | 3°51'13    |
| morning rise     | -578 Jun 27 j 10:22                        | 15° <b>Ⅱ</b> 49'11               |            |                            | -577 Jun 02 j 11:16                        | 30°R <b>8</b>                            |            |
| direct           | -578 Jun 29 j 23:34                        | 15° <b>Ⅱ</b> 29'37               | 10050122   | morning rise               | -577 Jun 08 j 14:26                        | 27° <b>8</b> 27'10                       |            |
| morning max el   | -578 Jul 08 j 14:51                        | 19° <b>Ⅲ</b> 32'21               | 18°58'32   | direct                     | -577 Jun 11 j 05:39                        | 27° <b>8</b> 09'37                       |            |
| asc. node        | -578 Jul 15 j 10:48                        | 28° <b>Ⅱ</b> 11'58               |            |                            | -577 Jun 19 j 03:10                        | 0°II                                     | 20000112   |
|                  | -578 Jul 16 j 13:44                        | 0°95                             |            | morning max el             | -577 Jun 21 j 08:48                        | 1° <b>Ⅱ</b> 50'47                        | 20°00'43   |
| morning set      | -578 Jul 25 j 07:19                        | 16° <b>©</b> 08'39               |            | asc. node                  | -577 Jul 02 j 07:51                        | 16° <b>Ⅱ</b> 56'54                       |            |
|                  | -578 Aug 01 j 08:31                        | $0^{\circ}\Omega$                |            | morning set                | -577 Jul 09 j 10:43                        | 0°538'10                                 |            |
|                  | 570 A 02:10.02                             | 20 0 41127                       | 1046156    |                            | -577 Jul 09 j 03:10                        | 0ಂತಾ                                     |            |
| superior conj    | -578 Aug 02 j 18:02                        | 2° <b>Ω</b> 41'27                |            |                            | 577 1 1 17:06 15                           | 1.60621100                               | 1045155    |
| minimum elong    | -578 Aug 02 j 18:49                        | 2° <b>Ω</b> 45'10                |            | superior conj              | -577 Jul 17 j 06:15                        | 16° <b>©</b> 31'00<br>16° <b>©</b> 26'05 | 1°45'55    |
| max. Earth dist. | -578 Aug 09 j 12:19                        |                                  | 1.38774 AU | minimum elong              | -577 Jul 17 j 05:16                        |  | 1.36850 AU |
| evening rise     | -578 Aug 13 j 09:16                        | 22° <b>Ω</b> 04'31               |            | max. Earth dist.           | -577 Jul 22 j 16:24                        |  | 1.30830 AU |
| desc. node       | -578 Aug 18 j 02:07                        | 0°Тф<br>10°Т 12'55               |            | avanina rica               | -577 Jul 24 j 05:14                        | 0° <b>Ω</b><br>4° <b>Ω</b> 21'18         |            |
| desc. node       | -578 Aug 24 j 11:58<br>-578 Sep 07 j 07:03 | 10° Mp 12'55<br>0° <u>₽</u>      |            | evening rise<br>desc. node | -577 Jul 26 j 13:58<br>-577 Aug 11 j 09:01 | 0° mp 30'10                              |            |
| evening max el   | -578 Sep 17 j 22:42                        | 0 <b>=</b><br>12° <b>£</b> 31'13 | 24031125   | desc. node                 | -577 Aug 11 j 01:00                        | 0°M)                                     |            |
| retrograde       | -578 Sep 29 j 07:18                        | 12 <b>⊆</b> 31 13                | 24 31 23   | evening max el             | -577 Aug 31 j 10:01                        | 26° Mp 07'06                             | 25°44'05   |
| evening set      | -578 Oct 04 j 19:12                        | 16° <b>⊆</b> 50'36               |            | evening max er             | -577 Sep 04 j 22:03                        | 20 m/0700<br>0° <b>ჲ</b>                 | 23 44 03   |
| min. Earth dist. | -578 Oct 09 j 10:54                        | 11° <b>⊆</b> 30'04               | 0.67368 AU | retrograde                 | -577 Sep 12 j 17:00                        | ა <b>_</b><br>3° <b>ჲ</b> 09'44          |            |
| inferior conj    | -578 Oct 10 j 05:04                        | 10° <b>£</b> 29'19               |            | evening set                | -577 Sep 18 j 19:27                        | 0° <b>₽</b> 35'19                        |            |
| minimum elong    | -578 Oct 10 j 05:40                        | 10° <b>⊆</b> 27'17               |            | evening sec                | -577 Sep 19 j 11:06                        | 30°R, Mp                                 |            |
| asc. node        | -578 Oct 11 j 10:02                        | 8° <b>£</b> 53'36                | · 2        | min. Earth dist.           | -577 Sep 23 j 03:05                        |  | 0.66790 AU |
| morning rise     | -578 Oct 15 j 16:12                        | 4° <b>£</b> 25'22                |            | inferior conj              | -577 Sep 24 j 08:15                        | 24° m/ 17'33                             |            |
| direct           | -578 Oct 19 j 09:36                        | 3° <b>ჲ</b> 05'43                |            | minimum elong              | -577 Sep 24 j 10:16                        | 24° m) 11'07                             |            |
| morning max el   | -578 Oct 27 j 04:20                        | 7° <b>ჲ</b> 35'06                | 20°14'10   | asc. node                  | -577 Sep 28 j 07:05                        | 19° <b>m</b> ) 44'57                     |            |
| S                | -578 Nov 12 j 19:57                        | 0°M                              |            | morning rise               | -577 Sep 30 j 01:19                        | 18° <b>m</b> ) 22'08                     |            |
| desc. node       | -578 Nov 20 j 11:17                        | 11°MJ35'34                       |            | direct                     | -577 Oct 03 j 08:00                        | 17° <b>m</b> 20'06                       |            |
| morning set      | -578 Nov 23 j 11:23                        | 16°M13'23                        |            | morning max el             | -577 Oct 10 j 09:54                        | 21° <b>m</b> 20'10                       | 19°14'13   |
| C                | -578 Dec 02 j 06:14                        | 0° <b>∡</b> ¹                    |            | C                          | -577 Oct 17 j 08:20                        | 0∘ <b>⊽</b>                              |            |
| max. Earth dist. | -578 Dec 04 j 01:29                        | 2° <b>₹</b> 52'44                | 1.43651 AU | morning set                | -577 Nov 02 j 15:01                        | 24° <b>≏</b> 47'55                       |            |
|                  | -  |                                  |            | -                          | -577 Nov 05 j 22:57                        | 0° <b>M</b> .                            |            |
| superior conj    | -578 Dec 09 j 18:33                        | 12° <b>∡</b> 108'53              | -1°45'43   | desc. node                 | -577 Nov 07 j 08:19                        | 2°M10'23                                 |            |
| minimum elong    | -578 Dec 09 j 12:12                        | 11° <b>√</b> 42'48               | 1°45'16    | max. Earth dist.           | -577 Nov 16 j 16:08                        | 16°M48'40                                | 1.44684 AU |
|                  | -578 Dec 20 j 08:37                        | ರ∘ರ                              |            |                            |  |  |            |
| evening rise     | -578 Dec 22 j 13:38                        | 3° <b>る</b> 49'15                |            | superior conj              | -577 Nov 19 j 08:13                        | 21°M02'09                                | -1°13'14   |
| asc. node        | -577 Jan 07 j 09:20                        | 29° <b>る</b> 14'14               |            | minimum elong              | -577 Nov 19 j 00:14                        | 20°M30'29                                | 1°12'22    |
|                  | -577 Jan 08 j 00:50                        | 0° <b>≈</b>                      |            |                            | -577 Nov 24 j 22:52                        | 0° <b>∡</b> ¹                            |            |
| evening max el   | -577 Jan 09 j 06:31                        | 1° <b>≈</b> 20′00                | 18°11'03   | evening rise               | -577 Dec 04 j 01:18                        | 14° <b>∡</b> ′50′21                      |            |
| retrograde       | -577 Jan 15 j 18:42                        | 4° <b>≈</b> 47'15                |            |                            | -577 Dec 13 j 06:40                        | 0° <b>ප</b>                              |            |
| evening set      | -577 Jan 18 j 14:41                        | 4°≈06'28                         |            | evening max el             | -577 Dec 23 j 18:42                        | 14° <b>る</b> 41'33                       | 18°31'29   |
|                  | -577 Jan 23 j 18:24                        | 30°R₹                            |            | asc. node                  | -577 Dec 25 j 06:24                        | 16° <b>る</b> 04'45                       |            |
| inferior conj    | -577 Jan 24 j 20:30                        | 28° <b>る</b> 51'35               | 3°51'14    | retrograde                 | -577 Dec 30 j 08:59                        | 18° <b>る</b> 20'14                       |            |
| minimum elong    | -577 Jan 24 j 19:43                        | 28° <b>る</b> 53'39               | 3°51'11    | evening set                | -576 Jan 02 j 09:56                        | 17° <b>る</b> 28'55                       |            |
| min. Earth dist. | -577 Jan 27 j 12:49                        | 26° <b>පි</b> 01'24              | 0.62805 AU | inferior conj              | -576 Jan 08 j 07:13                        | 11° <b>る</b> 55'33                       | 3°36'50    |
| morning rise     | -577 Jan 30 j 23:49                        | 22° <b>る</b> 53'14               |            | minimum elong              | -576 Jan 08 j 05:03                        | 12° <b>る</b> 01'56                       | 3°36'30    |
| direct           | -577 Feb 07 j 00:02                        | 20° <b>ප</b> 12'47               |            | min. Earth dist.           | -576 Jan 10 j 08:22                        | 9° <b>る</b> 31'29                        | 0.64513 AU |
| desc. node       | -577 Feb 16 j 10:29                        | 24° <b>පි</b> 07'21              |            | morning rise               | -576 Jan 13 j 23:41                        | 5° <b>る</b> 49'53                        |            |
| morning max el   | -577 Feb 20 j 22:13                        | 28° <b>る</b> 04'26               | 27°45'38   | direct                     | -576 Jan 20 j 20:11                        | 2° <b>る</b> 57'55                        |            |
|                  | -577 Feb 22 j 18:58                        | 0° <b>≈</b>                      |            | desc. node                 | -576 Feb 03 j 07:32                        | 10° <b>る</b> 45'32                       |            |
|                  |  |                                  |            |                            |  |  |            |

| •                      | •                   |                          | •          | · · · · · · · · · · · · · · · · · · · | 901 BCE in historical cou                  |  | 50 174     |
|------------------------|---------------------|--------------------------|------------|---------------------------------------|--|--|------------|
| morning max el         | -576 Feb 03 j 07:14 | 10° <b>る</b> 44'48       |            | desc. node                            | -575 Jan 20 j 04:35                        | 28° <b>×</b> <sup>7</sup> 40'47        |            |
| morning man er         | -576 Feb 18 j 13:26 | 0° <b>≈</b>              | 2, 1, 20   | dose. Hode                            | -575 Jan 21 j 07:10                        | 0°る                                    |            |
|                        | -576 Mar 07 j 08:24 | 0° <b>∀</b>              |            |                                       | -575 Feb 10 j 22:08                        | 0°≈                                    |            |
| morning set            | -576 Mar 07 j 08:24 | 4° <b>)</b> €21'15       |            | morning set                           | -575 Feb 20 j 19:20                        | 0 <b>∞</b><br>17° <b>≈</b> 31'25       |            |
| max. Earth dist.       |                     |                          | 1.33718 AU | max. Earth dist.                      | ,  | 25°≈25'54                              | 1.35021 AU |
| max. Earth dist.       | -576 Mar 14 j 09:39 | 13° <b>X</b> 39'12       | 1.33/18 AU | max. Earth dist.                      | -575 Feb 24 j 22:00                        |  | 1.33021 AU |
|                        | 55()/ 15:1(1)       | 2001/40127               | 0046100    |                                       | -575 Feb 27 j 05:07                        | 0°₩                                    |            |
| superior conj          | -576 Mar 17 j 16:13 | 20° <b>)</b> (49'37      |            |                                       | 55534 01:14.50                             | 40)/ 504 6                             | 1010104    |
| minimum elong          | -576 Mar 17 j 18:25 | 21° <b>)</b> (01'16      | 0°46'02    | superior conj                         | -575 Mar 01 j 14:50                        | 4° <b>)</b> 53′16                      |            |
|                        | -576 Mar 21 j 23:38 | 0° <b>Υ</b>              |            | minimum elong                         | -575 Mar 01 j 18:07                        | 5° <b>升</b> 10′02                      | 1°11'32    |
| asc. node              | -576 Mar 22 j 05:42 | 0° <b>Ƴ</b> 32'19        |            | evening rise                          | -575 Mar 09 j 07:15                        | 20° <b>) (</b> 49′46                   |            |
| evening rise           | -576 Mar 24 j 22:55 | 6° <b>Ƴ</b> 17'08        |            | asc. node                             | -575 Mar 09 j 02:45                        | 20° <b>)</b> €26'37                    |            |
|                        | -576 Apr 06 j 19:17 | 0°B                      |            |                                       | -575 Mar 13 j 21:04                        | $0$ ° $\mathbf{\Upsilon}$              |            |
| evening max el         | -576 Apr 15 j 02:19 | 10° <b>8</b> 17'41       | 22°09'23   | evening max el                        | -575 Mar 28 j 04:19                        | 21° <b>Y</b> 19'50                     | 20°44'02   |
| retrograde             | -576 Apr 27 j 21:05 | 16° <b>8</b> 33'26       |            | retrograde                            | -575 Apr 08 j 09:57                        | 26° <b>Ƴ</b> 44'28                     |            |
| evening set            | -576 Apr 30 j 15:53 | 16° <b>8</b> 16'18       |            | evening set                           | -575 Apr 10 j 14:48                        | 26° <b>Ƴ</b> 32'50                     |            |
| desc. node             | -576 May 01 j 06:43 | 16° <b>8</b> 08'03       |            | desc. node                            | -575 Apr 18 j 03:46                        | 23° <b>Y</b> 32'09                     |            |
| min. Earth dist.       | -576 May 09 j 08:49 |                          | 0.55163 AU | inferior conj                         | -575 Apr 19 j 19:54                        | 22° <b>Y</b> 35'19                     | -0°28'42   |
| inferior conj          | -576 May 10 j 01:29 | 12° <b>8</b> 09'03       |            | minimum elong                         | -575 Apr 19 j 18:33                        | 22° <b>Υ</b> 37'15                     | 0°28'12    |
| minimum elong          | -576 May 09 j 19:14 | 12° <b>8</b> 17'52       |            | min. Earth dist.                      | -575 Apr 20 j 22:06                        | 21° <b>Y</b> 57'49                     | 0.55105 AU |
| _                      |                     | 8° <b>8</b> 13'48        | 2 23 12    |                                       |  | $18^{\circ}\Upsilon 24'55$             | 0.33103 AO |
| morning rise           | -576 May 19 j 00:06 |                          |            | morning rise                          | -575 Apr 28 j 21:29                        |  |            |
| direct                 | -576 May 21 j 20:40 | 7° <b>8</b> 55'25        |            | direct                                | -575 May 02 j 07:46                        | 17° <b>Y</b> 59′29                     |            |
| morning max el         | -576 Jun 02 j 15:38 | 13° <b>8</b> 26'53       | 21°22'25   | morning max el                        | -575 May 15 j 12:23                        | 24° <b>Y</b> 22′23                     | 22°58'43   |
|                        | -576 Jun 14 j 19:56 | $\Pi$ $^{\circ}0$        |            |                                       | -575 May 20 j 15:15                        | $9^{\circ}$ 8                          |            |
| asc. node              | -576 Jun 18 j 04:56 | 6°Ⅱ12'59                 |            | asc. node                             | -575 Jun 05 j 01:59                        | 25° <b>8</b> 51'32                     |            |
| morning set            | -576 Jun 22 j 18:55 | 15° <b>Ⅱ</b> 23'58       |            | morning set                           | -575 Jun 07 j 05:52                        | 0° <b>Ⅱ</b> 19'23                      |            |
|                        | -576 Jun 29 j 18:26 | 0°€                      |            |                                       | -575 Jun 07 j 02:09                        | $\Pi^{\circ}0$                         |            |
|                        | •                   |                          |            |                                       | •  |  |            |
| superior conj          | -576 Jun 30 j 04:22 | 0°©51'32                 | 1°37'48    | superior conj                         | -575 Jun 14 j 09:07                        | 15° <b>Ⅲ</b> 32'27                     | 1°24'10    |
| minimum elong          | -576 Jun 30 j 02:18 |                          | 1°37'39    | minimum elong                         | -575 Jun 14 j 06:37                        | 15° <b>Ⅱ</b> 19'06                     |            |
| max. Earth dist.       | -576 Jul 04 j 03:45 | 8°\$58'23                | 1.35206 AU | max. Earth dist.                      | -575 Jun 17 j 00:51                        |  | 1.33931 AU |
| evening rise           | -576 Jul 08 j 13:11 | 17° <b>©</b> 33'30       | 1.33200710 | max. Lartii dist.                     | -575 Jun 21 j 08:34                        | 0°95                                   | 1.55751710 |
| evening rise           | -                   |                          |            | avanina rias                          | -  | 1° <b>9</b> 26'34                      |            |
| 1 1                    | -576 Jul 15 j 09:17 | 0° <b>Ω</b>              |            | evening rise                          | -575 Jun 22 j 01:59                        |  |            |
| desc. node             | -576 Jul 28 j 06:03 | 20° <b>Ω</b> 26'26       |            |                                       | -575 Jul 08 j 07:44                        | 0°N                                    |            |
|                        | -576 Aug 04 j 07:16 | 0° m/y                   |            | desc. node                            | -575 Jul 15 j 03:04                        | 9° <b>Ω</b> 51'56                      |            |
| evening max el         | -576 Aug 12 j 21:55 | 9° <b>m</b> 41'55        | 26°41'57   | evening max el                        | -575 Jul 26 j 09:39                        | 23° <b>Ω</b> 04'24                     | 27°17'24   |
| retrograde             | -576 Aug 25 j 21:34 | 16° Mp 57′16             |            |                                       | -575 Aug 06 j 00:08                        | O° My                                  |            |
| evening set            | -576 Sep 01 j 13:15 | 14° <b>m</b> y 13'07     |            | retrograde                            | -575 Aug 08 j 20:21                        | 0° Mp 23′53                            |            |
| min. Earth dist.       | -576 Sep 05 j 13:29 | 10° Mp 05'40             | 0.65868 AU |                                       | -575 Aug 11 j 13:46                        | $30^{\circ}$ R $\Omega$                |            |
| inferior conj          | -576 Sep 07 j 06:40 | 8° Mp 03'01              | -2°15'44   | evening set                           | -575 Aug 15 j 21:55                        | 27° <b>Ω</b> 38'49                     |            |
| minimum elong          | -576 Sep 07 j 10:02 | 7° <b>m</b> 52'58        | 2°14'29    | min. Earth dist.                      | -575 Aug 19 j 15:40                        | 24° <b>Ω</b> 07'50                     | 0.64584 AU |
| morning rise           | -576 Sep 13 j 07:16 | 2° Mp 19'14              |            | inferior conj                         | -575 Aug 21 j 21:59                        | 21° <b>Ω</b> 39'58                     | -3°08'02   |
| asc. node              | -576 Sep 14 j 04:07 | 1° m/ 55'01              |            | minimum elong                         | -575 Aug 22 j 02:21                        | 21° <b>Ω</b> 28'02                     |            |
| direct                 | -576 Sep 16 j 05:37 | 1° mp 31'08              |            | morning rise                          | -575 Aug 28 j 07:33                        | 16°Ω11'20                              | 3 00 .0    |
| morning max el         | -576 Sep 22 j 21:19 | 5°Mp11'05                | 18°30'08   | direct                                | -575 Aug 30 j 24:00                        | 15° <b>Ω</b> 33'45                     |            |
| morning max ci         |                     | 0° <b>ت</b>              | 18 30 08   | asc. node                             |  |  |            |
|                        | -576 Oct 09 j 22:14 |                          |            |                                       | -575 Sep 01 j 01:09                        | 15° <b>Ω</b> 39'32                     | 10000156   |
| morning set            | -576 Oct 12 j 19:42 | 4° <b>Ω</b> 40'04        |            | morning max el                        | -575 Sep 06 j 12:09                        | 19° <b>Ω</b> 02'00                     | 18°02'56   |
| desc. node             | -576 Oct 24 j 05:23 | 22° <b>≏</b> 52'47       |            |                                       | -575 Sep 14 j 14:50                        | 0°Щ                                    |            |
|                        |                     |                          |            | morning set                           | -575 Sep 24 j 04:35                        | 15° <b>m</b> 54'28                     |            |
| superior conj          | -576 Oct 28 j 08:43 | 29° <b>≏</b> 24'34       |            |                                       | -575 Oct 02 j 15:34                        | 0∘ <b>ত</b>                            |            |
| minimum elong          | -576 Oct 28 j 05:11 | 29° <b>≙</b> 10'39       | 0°26'21    |                                       |  |  |            |
|                        | -576 Oct 28 j 17:43 | $0^{\circ}$ M            |            | superior conj                         | -575 Oct 07 j 17:49                        | 8° <b>≏</b> 16'31                      | 0°21'58    |
| max. Earth dist.       | -576 Oct 29 j 10:32 | 1° <b>ጤ</b> 06'07        | 1.45011 AU | minimum elong                         | -575 Oct 07 j 20:23                        | 8° <b>£</b> 26'49                      | 0°21'37    |
| evening rise           | -576 Nov 13 j 13:08 | 24°M52'38                |            | desc. node                            | -575 Oct 11 j 02:24                        | 13° <b>≏</b> 38'42                     |            |
| •                      | -576 Nov 16 j 18:53 | 0° <b>∡</b> ¹            |            | max. Earth dist.                      | -575 Oct 12 j 05:10                        | 15° <b>≏</b> 24'56                     | 1.44593 AU |
| greatest brilliancy    | -576 Nov 23 j 00:07 | 9° <b>∡</b> ¹47'39       | -0.8m      |                                       | -575 Oct 21 j 12:40                        | 0°M                                    |            |
| evening max el         | -576 Dec 06 j 04:28 | 28° <b>✓</b> 07'58       | 19°09'18   | evening rise                          | -575 Oct 24 j 04:02                        | 4°M05'08                               |            |
| evening max er         | -576 Dec 08 j 05:04 | 0°る                      | 17 07 10   | greatest brilliancy                   | -575 Nov 07 j 00:44                        | 25°M10'42                              | -0.6m      |
| asa nada               |                     | 0 る<br>1° <b>る</b> 44'53 |            | grounds orimancy                      |  | 23 IIG1042<br>0°×7                     | 0.0111     |
| asc. node              | -576 Dec 11 j 03:25 |                          |            | ovenie 1                              | -575 Nov 10 j 08:02                        |  | 20002152   |
| retrograde             | -576 Dec 13 j 04:13 | 2°る07'47                 |            | evening max el                        | -575 Nov 19 j 09:45                        | 11° 🖈 35'58                            | 20°02'53   |
| evening set            | -576 Dec 16 j 11:30 | 1°る04'22                 |            | retrograde                            | -575 Nov 27 j 01:39                        | 16° <b>₹</b> 05'25                     |            |
|                        | -576 Dec 17 j 21:21 | 30°Ŗ <b>⋌</b> 7          |            | asc. node                             | -575 Nov 28 j 00:25                        | 16° <b>₰</b> 00'16                     |            |
| inferior conj          | -576 Dec 22 j 02:45 | 25° <b>∡</b> 14'47       | 3°09'25    | evening set                           | -575 Nov 30 j 17:03                        | 14° <b>≯</b> ⁴48'03                    |            |
| minimum elong          | -576 Dec 21 j 23:57 | 25° <b>≯</b> 23'38       | 3°08'44    | inferior conj                         | -575 Dec 06 j 04:16                        | 8° <b>∡</b> ¹45′08                     | 2°32'33    |
| min. Earth dist.       | -576 Dec 23 j 12:59 | 23° <b>х</b> 26′23       | 0.65851 AU | minimum elong                         | -575 Dec 06 j 01:30                        | 8° <b>҂</b> 754'22                     | 2°31'40    |
|                        | 370 Dec 23 j 12.37  |                          |            |                                       |  |  |            |
| morning rise           | -576 Dec 27 j 12:09 | 19° <b>∡</b> 04'31       |            | min. Earth dist.                      | -575 Dec 07 j 01:04                        | 7° <b>∡</b> ³35'41                     | 0.66795 AU |
| morning rise<br>direct |                     |                          |            | _                                     | -575 Dec 07 j 01:04<br>-575 Dec 11 j 09:46 | 7° <b>х</b> 35′41<br>2° <b>х</b> 32′12 | 0.66795 AU |
|                        | -576 Dec 27 j 12:09 | 19° <b>∡</b> 04'31       | 26°23'58   | min. Earth dist.                      | ·  |  | 0.66795 AU |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 175 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: T | he year -900 in             | astronomical cou | inting style is the year | 901 BCE in historical cou                  | inting style.        |            |
|---------------------|-----------------------------|-----------------------------|------------------|--------------------------|--|----------------------|------------|
| direct              | -575 Dec 17 j 06:20         | 29° <b>M</b> 56'47          |                  | inferior conj            | -574 Nov 20 j 09:26                        | 22°M22'59            | 1°48'36    |
|                     | -575 Dec 18 j 03:46         | 0° <b>∡</b> ¹               |                  | minimum elong            | -574 Nov 20 j 07:11                        | 22°M30'42            | 1°47'45    |
| morning max el      | -575 Dec 29 j 01:29         | 6° <b>∡</b> 757'42          | 25°08'13         | min. Earth dist.         | -574 Nov 20 j 18:24                        | 21°M52'10            | 0.67373 AU |
| desc. node          | -574 Jan 07 j 01:39         | 17° <b>∡</b> ³30'45         |                  | morning rise             | -574 Nov 25 j 13:43                        | 16°ML09'21           |            |
|                     | -574 Jan 16 j 00:41         | 0°⋜                         |                  | direct                   | -574 Nov 30 j 19:03                        | 13°M53'47            |            |
| morning set         | -574 Feb 03 j 06:55         | 29° <b>る</b> 46'27          |                  | morning max el           | -574 Dec 11 j 10:14                        | 20°M14'02            | 23°42'01   |
| C                   | -574 Feb 03 j 09:56         | 0° <b>≈</b>                 |                  | C                        | -574 Dec 19 j 18:21                        | 0° <b>∡</b> 7        |            |
| max. Earth dist.    | -574 Feb 06 j 23:30         | 6° <b>≈</b> 31'12           | 1.36758 AU       | desc. node               | -574 Dec 24 j 22:40                        | 6° <b>≯</b> 758'54   |            |
|                     | ,                           |                             |                  |                          | -573 Jan 09 j 06:02                        | 8°0                  |            |
| superior conj       | -574 Feb 13 j 04:12         | 18° <b>≈</b> 24'45          | -1°34'49         | morning set              | -573 Jan 15 j 19:06                        | 10° <b>る</b> 49'03   |            |
| minimum elong       | -574 Feb 13 j 07:58         | 18° <b>≈</b> 43'20          |                  | max. Earth dist.         | -573 Jan 19 j 18:56                        | 17° <b>පි</b> 43'59  | 1.38800 AU |
|                     | -574 Feb 18 j 22:54         | 0° <b>₩</b>                 |                  |                          | -573 Jan 26 j 12:52                        | 0°≈                  |            |
| evening rise        | -574 Feb 21 j 10:48         | 5° <b>)</b> €02'30          |                  |                          |  |                      |            |
| asc. node           | -574 Feb 23 j 23:47         | 10° <b>₩</b> 05'59          |                  | superior conj            | -573 Jan 27 j 04:26                        | 1°≈13'03             | -1°52'12   |
| use. Houe           | -574 Mar 07 j 23:50         | 0°Υ                         |                  | minimum elong            | -573 Jan 27 j 07:33                        | 1°≈27'45             |            |
| evening max el      | -574 Mar 10 j 17:24         | 2° <b>Y</b> ′58'47          | 19°35'17         | evening rise             | -573 Feb 05 j 06:57                        | 18° <b>≈</b> 47'18   | 1 32 01    |
| retrograde          | -574 Mar 20 j 06:05         | 7° <b>Υ</b> '32'54          | 17 55 17         | asc. node                | -573 Feb 10 j 20:48                        | 29°≈24'04            |            |
| evening set         | -574 Mar 22 j 10:04         | 7° <b>Υ</b> 19'47           |                  | asc. node                | -573 Feb 11 j 04:42                        | 0° <b>∺</b>          |            |
| inferior conj       | -574 Mar 30 j 23:25         | 3° <b>Υ</b> 15'13           | 1°23'51          | evening max el           | -573 Feb 21 j 16:36                        | 15° <b>)</b> 13'45   | 18°46'06   |
| minimum elong       | -574 Mar 31 j 02:45         | 3° <b>Υ</b> 09'54           |                  | retrograde               | -573 Mar 01 j 18:49                        | 19° <b>X</b> 1343    | 18 40 00   |
| min. Earth dist.    | -574 Apr 02 j 12:28         |                             | 0.55981 AU       | evening set              | -573 Mar 04 j 03:11                        | 18° <b>H</b> 50'38   |            |
| desc. node          | -574 Apr 05 j 00:47         | 0° <b>Υ</b> 10'36           | 0.33981 AU       | inferior conj            | -573 Mar 11 j 21:43                        | 14° <b>H</b> 29'21   | 2°46'47    |
| desc. node          |                             | 0 1 10 30<br>30° <b>₹</b>   |                  | minimum elong            | ,  | 14 <b>X</b> 2921     | 2°45'44    |
|                     | -574 Apr 05 j 08:50         | 30 KX<br>28° <b>¥</b> 34'35 |                  | min. Earth dist.         | -573 Mar 12 j 02:06<br>-573 Mar 15 j 05:14 | 14 <b>K</b> 21 13    | 0.57595 AU |
| morning rise        | -574 Apr 08 j 16:53         | 28 ★3433<br>27°¥50'55       |                  |                          | •  |                      | 0.57595 AU |
| direct              | -574 Apr 13 j 02:43         |                             |                  | morning rise             | -573 Mar 19 j 22:07                        | 9° <b>升</b> 16′28    |            |
|                     | -574 Apr 20 j 16:38         | 0° <b>Υ</b>                 | 24020117         | desc. node               | -573 Mar 22 j 21:50                        | 8° <b>升</b> 17'11    |            |
| morning max el      | -574 Apr 27 j 03:40         | 4° <b>Y</b> 55'04           | 24°39'17         | direct                   | -573 Mar 25 j 11:23                        | 8°¥00'53             | 26000120   |
|                     | -574 May 14 j 23:54         | 0°8                         |                  | morning max el           | -573 Apr 08 j 19:28                        | 15° <b>)</b> € 31′24 | 26°09'20   |
| morning set         | -574 May 22 j 17:52         | 15° <b>8</b> 18'44          |                  |                          | -573 Apr 20 j 11:50                        | 0° <b>Υ</b>          |            |
| asc. node           | -574 May 22 j 23:03         | 15° <b>8</b> 46'06          |                  | morning set              | -573 May 07 j 05:14                        | 0° <b>8</b> 15'37    |            |
|                     |                             |                             |                  | _                        | -573 May 07 j 02:16                        | 0°8                  |            |
| superior conj       | -574 May 29 j 18:08         | 0° <b>Ⅱ</b> 26'04           | 1°06'13          | asc. node                | -573 May 09 j 20:07                        | 5° <b>8</b> 50'40    |            |
| minimum elong       | -574 May 29 j 15:45         | 0° <b>Ⅱ</b> 13'06           | 1°05'49          |                          |  |                      |            |
|                     | -574 May 29 j 13:20         | $\Pi$ $\circ 0$             |                  | superior conj            | -573 May 14 j 05:22                        | 15° <b>8</b> 25'00   |            |
| max. Earth dist.    | -574 May 31 j 06:25         |                             | 1.33039 AU       | minimum elong            | -573 May 14 j 03:32                        | 15° <b>8</b> 14'57   |            |
| evening rise        | -574 Jun 06 j 00:30         | 15° <b>Ⅱ</b> 48'43          |                  | max. Earth dist.         | -573 May 14 j 17:21                        |                      | 1.32518 AU |
|                     | -574 Jun 13 j 08:49         | 0                           |                  |                          | -573 May 20 j 23:55                        | $\Pi^{\circ}0$       |            |
| desc. node          | -574 Jul 02 j 00:04         | 28° <b>©</b> 33'46          |                  | evening rise             | -573 May 21 j 05:38                        | 0° <b>Ⅱ</b> 29'45    |            |
|                     | -574 Jul 03 j 04:35         | $0^{\circ}\Omega$           |                  |                          | -573 Jun 06 j 11:02                        | $0$ $\circ$ $\odot$  |            |
| evening max el      | -574 Jul 08 j 19:14         | 6° <b>Ω</b> 01'45           | 27°24'06         | desc. node               | -573 Jun 18 j 21:05                        | 16°©13'37            |            |
| retrograde          | -574 Jul 22 j 13:04         | 13° <b>Ω</b> 21'01          |                  | evening max el           | -573 Jun 21 j 00:12                        | 18° <b>©</b> 21'48   | 26°58'22   |
| evening set         | -574 Jul 29 j 18:04         | 10° <b>Ω</b> 47'05          |                  | retrograde               | -573 Jul 04 j 22:58                        | 25° <b>©</b> 39'16   |            |
| min. Earth dist.    | -574 Aug 02 j 07:57         | 7° <b>Ω</b> 47'06           | 0.62938 AU       | evening set              | -573 Jul 11 j 21:27                        | 23° <b>©</b> 30'42   |            |
| inferior conj       | -574 Aug 05 j 03:26         | 5° <b>Ω</b> 02'30           |                  | min. Earth dist.         | -573 Jul 15 j 14:06                        | 20°©49'31            | 0.60995 AU |
| minimum elong       | -574 Aug 05 j 08:01         | 4° <b>Ω</b> 51'18           | 3°52'56          | inferior conj            | -573 Jul 18 j 19:45                        | 18° <b>5</b> 02'46   | -4°28'05   |
| morning rise        | -574 Aug 11 j 23:08         | 29° <b>©</b> 52'23          |                  | minimum elong            | -573 Jul 18 j 23:04                        | 17° <b>©</b> 55'36   | 4°27'39    |
|                     | -574 Aug 11 j 15:42         | 30° <b>ℝ</b> ∽              |                  | morning rise             | -573 Jul 26 j 02:25                        | 13° <b>©</b> 13'52   |            |
| direct              | -574 Aug 14 j 12:03         | 29° <b>5</b> 22'24          |                  | direct                   | -573 Jul 28 j 14:01                        | 12° <b>5</b> 49'11   |            |
|                     | -574 Aug 17 j 07:25         | $0$ $\circ$ $\Omega$        |                  | morning max el           | -573 Aug 04 j 17:00                        | 16° <b>©</b> 20'15   | 18°02'57   |
| asc. node           | -574 Aug 18 j 22:13         | 0° <b>Ω</b> 55'01           |                  | asc. node                | -573 Aug 05 j 19:18                        | 17° <b>5</b> 28'08   |            |
| morning max el      | -574 Aug 21 j 03:42         | 2° <b>Ω</b> 47'26           | 17°53'31         |                          | -573 Aug 14 j 07:22                        | $0 {\circ} \Omega$   |            |
| morning set         | -574 Sep 06 j 12:58         | 28° <b>Ω</b> 15'55          |                  | morning set              | -573 Aug 20 j 15:01                        | 11° <b>Ω</b> 28'30   |            |
|                     | -574 Sep 07 j 12:30         | 0° <b>m</b> y               |                  |                          |  |                      |            |
|                     |                             |                             |                  | superior conj            | -573 Aug 30 j 16:29                        | 29° <b>Ω</b> 49'02   | 1°29'05    |
| superior conj       | -574 Sep 18 j 03:30         | 18° <b>m</b> 22'13          | 1°02'05          | minimum elong            | -573 Aug 30 j 20:42                        | 0° <b>™</b> 07'37    | 1°28'43    |
| minimum elong       | -574 Sep 18 j 08:36         | 18° <b>m</b> 43'34          | 1°01'27          |                          | -573 Aug 30 j 18:58                        | O° <b>m</b>          |            |
| max. Earth dist.    | -574 Sep 24 j 20:37         | 29° <b>m</b> 25'20          | 1.43495 AU       | max. Earth dist.         | -573 Sep 07 j 06:32                        | 12° <b>m</b> 50'56   | 1.41867 AU |
|                     | -574 Sep 25 j 05:12         | 0∘ <b>亚</b>                 |                  | evening rise             | -573 Sep 13 j 02:48                        | 22° m 23'24          |            |
| desc. node          | -574 Sep 27 j 23:24         | 4° <b>≏</b> 24'57           |                  | desc. node               | -573 Sep 14 j 20:24                        | 25° Mp 08'43         |            |
| evening rise        | -574 Oct 03 j 10:26         | 12° <b>≏</b> 59'13          |                  |                          | -573 Sep 17 j 22:54                        | 0∘ <b>⊽</b>          |            |
|                     | -574 Oct 14 j 15:41         | 0° <b>M</b> ₊               |                  |                          | -573 Oct 08 j 19:47                        | 0°M₊                 |            |
| evening max el      | -574 Nov 02 j 09:17         | 25°M03'35                   | 21°09'42         | evening max el           | -573 Oct 16 j 03:08                        | 8°MJ32'13            | 22°25'52   |
|                     | -574 Nov 09 j 15:14         | 0° <b>∡</b> ¹               |                  | retrograde               | -573 Oct 25 j 18:35                        | 14°ML16'20           |            |
| retrograde          | -574 Nov 10 j 23:01         | 0° <b>∡</b> ¹09'04          |                  | evening set              | -573 Oct 30 j 08:09                        | 12°M25'45            |            |
|                     | -574 Nov 12 j 05:54         | 30°RM                       |                  | asc. node                | -573 Nov 01 j 18:30                        | 9° <b>M</b> 57'10    |            |
| asc. node           | -574 Nov 14 j 21:27         | 28°M41'41                   |                  | inferior conj            | -573 Nov 04 j 16:20                        | 6°ML06'37            | 0°59'26    |
| evening set         | -574 Nov 15 j 00:31         | 28°M35'52                   |                  | minimum elong            | -573 Nov 04 j 14:59                        | 6°MJ11'16            | 0°58'52    |
|                     | -                           |                             |                  |                          |  |                      |            |

| -                               | nical year style is used: The              |                                     | •           | · · · · · · · · · · · · · · · · · · · |  |   | ge 170      |
|---------------------------------|--|-------------------------------------|-------------|---------------------------------------|--|---|-------------|
| min. Earth dist.                | -573 Nov 04 j 14:35                        | -                                   | 0.67620 AU  | inferior conj                         | -572 Oct 18 j 23:10                        | 19° <b>£</b> 53'33                      | 0°06'34     |
|                                 | -573 Nov 04 j 14.33                        | 29° <b>£</b> 54'33                  | 0.07020 AU  | -                                     |  | 19 <b>=</b> 53 55<br>19° <b>£</b> 54'05 | 0°06'30     |
| morning rise                    | -573 Nov 09 j 21.41<br>-573 Nov 09 j 19:06 | 29 <b>=</b> 34 33<br>30° <b>₹</b> Ω |             | minimum elong transit middle          | -572 Oct 18 j 23:00<br>-572 Oct 18 j 23:00 | 19 <b>2</b> 34 03                       | 0°06'30     |
| direct                          | -573 Nov 14 j 12:03                        | 30 K==<br>28° <b>£</b> 01'14        |             | transit begin                         | -572 Oct 18 j 20:31                        | 20° <b>£</b> 02'35                      | 0 00 30     |
| direct                          | -573 Nov 19 j 18:15                        | 0°M                                 |             | transit begin                         | -572 Oct 18 j 20:31                        | 20 <b>=</b> 02 33<br>19° <b>£</b> 45'36 |             |
| marning may al                  | -573 Nov 23 j 21:49                        | 3°M35'20                            | 22°15'00    | min. Earth dist.                      | -572 Oct 19 j 01.30                        | 19 <b>≗</b> 43 36<br>20° <b>£</b> 34'36 | 0.67554 AU  |
| morning max el                  | 3  |                                     | 22 13 00    |                                       | 3  |   | 0.6/554 AU  |
| desc. node                      | -573 Dec 11 j 19:42                        | 26°M54'34<br>0°⊀                    |             | asc. node                             | -572 Oct 18 j 15:34                        | 20° <b>£</b> 19'28                      |             |
|                                 | -573 Dec 13 j 22:00                        |                                     |             | morning rise                          | -572 Oct 24 j 07:39                        | 13° <b>Ω</b> 45'43                      |             |
| morning set<br>max. Earth dist. | -573 Dec 27 j 02:39                        | 20° 🗷 27'28                         | 1 40007 ATT | direct                                | -572 Oct 28 j 08:15<br>-572 Nov 05 j 15:29 | 12° <b>Ω</b> 14'14                      | 20054152    |
| max. Earth dist.                | -572 Jan 01 j 15:51                        | 29° <b>メ</b> 36'53<br>0°る           | 1.40907 AU  | morning max el                        | -572 Nov 15 j 23:35                        | 17° <b>≏</b> 04'42<br>0° <b>™</b>       | 20°54'53    |
|                                 | -572 Jan 01 j 21:21                        | 0.0                                 |             | daga mada                             | 3  |   |             |
|                                 | 572 I 00 : 10.42                           | 12070(127                           | 2000146     | desc. node                            | -572 Nov 27 j 16:43                        | 17°M09'37                               |             |
| superior conj                   | -572 Jan 09 j 10:42                        | 13°る06'27<br>13°る09'27              |             | morning set                           | -572 Dec 05 j 07:55                        | 28°M53'30<br>0°⊀                        |             |
| minimum elong                   | -572 Jan 09 j 11:22                        |                                     | 2-0046      | Fauth diat                            | -572 Dec 06 j 00:56                        |   | 1 42707 ATT |
|                                 | -572 Jan 18 j 15:34                        | 0°≈                                 |             | max. Earth dist.                      | -572 Dec 13 j 19:58                        | 12° <b>X</b> '25'47                     | 1.42787 AU  |
| evening rise                    | -572 Jan 19 j 16:32                        | 1°≈56'49                            |             |                                       | 572 D 20 : 17-21                           | 220.751147                              | 1957107     |
| asc. node                       | -572 Jan 28 j 17:50                        | 18°≈13'59                           | 10017101    | superior conj                         | -572 Dec 20 j 17:31                        | 23° 🖈 51'47                             |             |
| evening max el                  | -572 Feb 04 j 23:19                        | 27°≈58'08                           | 18°17'01    | minimum elong                         | -572 Dec 20 j 13:49                        | 23° <b>₹</b> 36'10                      | 1°55'56     |
|                                 | -572 Feb 07 j 11:01                        | 0° <b>)</b> {                       |             |                                       | -572 Dec 24 j 07:42                        | 0°る                                     |             |
| retrograde                      | -572 Feb 12 j 02:06                        | 1° <b>)</b> (30'47                  |             | evening rise                          | -571 Jan 01 j 11:39                        | 14° <b>පි</b> 22'35                     |             |
| evening set                     | -572 Feb 14 j 15:23                        | 1° <b>)</b> €04'27                  |             |                                       | -571 Jan 10 j 10:05                        | 0° <b>≈</b>                             |             |
|                                 | -572 Feb 16 j 22:24                        | 30°R <b>≈</b>                       |             | asc. node                             | -571 Jan 14 j 14:53                        | 6°≈26'46                                |             |
| inferior conj                   | -572 Feb 21 j 16:58                        | 26° <b>≈</b> 22'30                  |             | evening max el                        | -571 Jan 18 j 10:26                        | 11°≈02'52                               | 18°07'45    |
| minimum elong                   | -572 Feb 21 j 19:41                        | 26°≈16'37                           |             | retrograde                            | -571 Jan 25 j 00:57                        | 14° <b>≈</b> 28′02                      |             |
| min. Earth dist.                | -572 Feb 25 j 02:31                        | 23° <b>≈</b> 27'53                  | 0.59617 AU  | evening set                           | -571 Jan 27 j 18:38                        | 13° <b>≈</b> 52'38                      |             |
| morning rise                    | -572 Feb 28 j 21:48                        | 20° <b>≈</b> 45'46                  |             | inferior conj                         | -571 Feb 03 j 06:40                        | 8° <b>≈</b> 49'25                       | 3°51'38     |
| direct                          | -572 Mar 06 j 09:07                        | 18° <b>≈</b> 51'40                  |             | minimum elong                         | -571 Feb 03 j 07:02                        | 8° <b>≈</b> 48'28                       | 3°51'37     |
| desc. node                      | -572 Mar 08 j 18:53                        | 19° <b>≈</b> 06'56                  |             | min. Earth dist.                      | -571 Feb 06 j 06:56                        | 5° <b>≈</b> 51'28                       | 0.61694 AU  |
| morning max el                  | -572 Mar 20 j 16:06                        | 26° <b>≈</b> 35'44                  | 27°14'17    | morning rise                          | -571 Feb 09 j 18:11                        | 2° <b>≈</b> 57'28                       |             |
|                                 | -572 Mar 23 j 21:33                        | 0° <b>∀</b>                         |             | direct                                | -571 Feb 16 j 16:52                        | 0°≈30′26                                |             |
|                                 | -572 Apr 12 j 22:17                        | 0° <b>Υ</b>                         |             | desc. node                            | -571 Feb 23 j 15:56                        | 2° <b>≈</b> 39'02                       |             |
| morning set                     | -572 Apr 20 j 14:18                        | 15° <b>Y</b> 04'04                  |             | morning max el                        | -571 Mar 02 j 18:54                        | 8° <b>≈</b> 20'18                       | 27°44'52    |
| asc. node                       | -572 Apr 25 j 17:10                        | 26° <b>Y</b> 00'45                  |             |                                       | -571 Mar 19 j 10:07                        | 0° <b>∀</b>                             |             |
|                                 |  |                                     |             | morning set                           | -571 Apr 04 j 19:07                        | 29° <b>)</b> 37′40                      |             |
| superior conj                   | -572 Apr 27 j 17:07                        | 0° <b>8</b> 23'14                   | 0°21'01     |                                       | -571 Apr 04 j 23:29                        | $0^{\circ}\mathbf{\Upsilon}$            |             |
| minimum elong                   | -572 Apr 27 j 16:11                        | 0° <b>8</b> 18'08                   | 0°20'49     | max. Earth dist.                      | -571 Apr 10 j 17:07                        | 12° <b>Ƴ</b> 07'18                      | 1.32576 AU  |
| max. Earth dist.                | -572 Apr 27 j 06:08                        | 29° <b>Y</b> 23'01                  | 1.32364 AU  |                                       |  |   |             |
|                                 | -572 Apr 27 j 12:53                        | $9^{\circ}$ 8                       |             | superior conj                         | -571 Apr 12 j 03:42                        | 15° <b>Ƴ</b> 15′05                      | -0°04'39    |
| evening rise                    | -572 May 04 j 14:56                        | 15° <b>8</b> 21'34                  |             | minimum elong                         | -571 Apr 12 j 03:55                        | 15° <b>Ƴ</b> 16'14                      | 0°04'36     |
|                                 | -572 May 11 j 23:32                        | $\Pi^{\circ}0$                      |             | behind sun begin                      | -571 Apr 11 j 23:00                        | 14° <b>Y</b> 49'30                      |             |
|                                 | -572 Jun 01 j 23:47                        | 0                                   |             | behind sun end                        | -571 Apr 12 j 08:50                        | 15° <b>Ƴ</b> 43'00                      |             |
| evening max el                  | -572 Jun 01 j 22:47                        | 29° <b>Ⅱ</b> 57'36                  | 26°00'35    | asc. node                             | -571 Apr 12 j 14:13                        | 16° <b>Ƴ</b> 12'22                      |             |
| desc. node                      | -572 Jun 04 j 18:08                        | 2° <b>©</b> 25'28                   |             |                                       | -571 Apr 18 j 23:08                        | $9^{\circ}$ 8                           |             |
| retrograde                      | -572 Jun 16 j 00:13                        | 7° <b>©</b> 11'01                   |             | evening rise                          | -571 Apr 19 j 02:25                        | 0° <b>8</b> 17'18                       |             |
| evening set                     | -572 Jun 22 j 03:36                        | 5° <b>©</b> 39'22                   |             |                                       | -571 May 05 j 14:01                        | $\Pi^{\circ}0$                          |             |
| min. Earth dist.                | -572 Jun 26 j 11:31                        | 2° <b>©</b> 59'46                   | 0.58934 AU  | evening max el                        | -571 May 14 j 15:28                        | 10° <b>Ⅱ</b> 54′00                      | 24°37'51    |
| inferior conj                   | -572 Jun 29 j 19:16                        | 0°ഇ31'00                            |             | desc. node                            | -571 May 22 j 15:10                        | 16° <b>Ⅱ</b> 35'58                      |             |
| minimum elong                   | -572 Jun 29 j 19:20                        | 0° <b>©</b> 30'52                   | 4°41'38     | retrograde                            | -571 May 28 j 14:16                        | 17° <b>Ⅱ</b> 57'11                      |             |
|                                 | -572 Jun 30 j 11:52                        | 30°Ŗ <b>Ⅱ</b>                       |             | evening set                           | -571 Jun 02 j 11:02                        | 17° <b>Ⅱ</b> 03'47                      |             |
| morning rise                    | -572 Jul 07 j 13:26                        | 26° <b>Ⅱ</b> 04'17                  |             | min. Earth dist.                      | -571 Jun 08 j 03:00                        | 14° <b>Ⅱ</b> 09'24                      | 0.57035 AU  |
| direct                          | -572 Jul 10 j 01:37                        | 25° <b>Ⅱ</b> 43'11                  |             | inferior conj                         | -571 Jun 10 j 23:12                        | 12° <b>Ⅱ</b> 18'59                      | -4°22'47    |
| morning max el                  | -572 Jul 18 j 00:58                        | 29° <b>Ⅲ</b> 31′08                  | 18°32'17    | minimum elong                         | -571 Jun 10 j 18:43                        | 12° <b>Ⅱ</b> 26′17                      | 4°22'11     |
|                                 | -572 Jul 18 j 12:48                        | $0$ $\circ$                         |             | morning rise                          | -571 Jun 19 j 05:12                        | 8° <b>Ⅱ</b> 12'25                       |             |
| asc. node                       | -572 Jul 22 j 16:22                        | 5° <b>©</b> 02'57                   |             | direct                                | -571 Jun 21 j 19:15                        | 7° <b>Ⅱ</b> 53'46                       |             |
| morning set                     | -572 Aug 03 j 05:44                        | 25° <b>©</b> 18'25                  |             | morning max el                        | -571 Jul 01 j 00:40                        | 12° <b>Ⅱ</b> 11'18                      | 19°22'25    |
|                                 | -572 Aug 05 j 16:02                        | $0 {\circ} \Omega$                  |             | asc. node                             | -571 Jul 09 j 13:26                        | 23° <b>Ⅱ</b> 26′02                      |             |
|                                 |  |                                     |             |                                       | -571 Jul 13 j 06:36                        | $0$ $\circ$ $\odot$                     |             |
| superior conj                   | -572 Aug 12 j 04:10                        | 12° <b>Ω</b> 23'18                  |             | morning set                           | -571 Jul 18 j 05:24                        | 9° <b>5</b> 36'17                       |             |
| minimum elong                   | -572 Aug 12 j 06:12                        | 12° <b>Ω</b> 32'46                  |             |                                       |  |   |             |
| max. Earth dist.                | -572 Aug 19 j 11:16                        | 25° <b>Ω</b> 33'19                  | 1.39929 AU  | superior conj                         | -571 Jul 26 j 08:54                        |   | 1°47'29     |
|                                 | -572 Aug 22 j 01:10                        | 0°Щ                                 |             | minimum elong                         | -571 Jul 26 j 08:51                        | 25°549'31                               | 1°47'30     |
| evening rise                    | -572 Aug 23 j 17:45                        | 2° <b>m</b> 51'17                   |             |                                       | -571 Jul 28 j 12:36                        | $0^{\circ}\Omega$                       |             |
| desc. node                      | -572 Aug 31 j 17:26                        | 15° <b>m</b> 45'52                  |             | max. Earth dist.                      | -571 Aug 01 j 14:27                        | 7° <b>Ω</b> 39'48                       | 1.37935 AU  |
|                                 | -572 Sep 10 j 05:40                        | 0。 <b>亚</b>                         |             | evening rise                          | -571 Aug 05 j 09:38                        | 14° <b>Ω</b> 30'42                      |             |
| evening max el                  | -572 Sep 27 j 16:50                        | 22° <b>ჲ</b> 03'32                  | 23°46'08    |                                       | -571 Aug 14 j 15:07                        | 0° <b>m</b> y                           |             |
| retrograde                      | -572 Oct 08 j 10:54                        | 28° <b>ჲ</b> 23'45                  |             | desc. node                            | -571 Aug 18 j 14:29                        | 6° Mp 12′08                             |             |
| evening set                     | -572 Oct 13 j 14:18                        | 26° <b>≏</b> 15'01                  |             |                                       | -571 Sep 04 j 23:51                        | 0∘ <b>ত</b>                             |             |
|                                 |  |                                     |             |                                       |  |   |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 177 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom          | ical year style is used: T                 | The year -900 in                        | astronomical cou | inting style is the year  | 901 BCE in historical cou                  | ınting style.                 |             |
|------------------------------|--|---|------------------|---------------------------|--|-------------------------------|-------------|
| evening max el               | -571 Sep 10 j 04:34                        | 5° <b>≏</b> 38'44                       | 25°03'39         | retrograde                | -570 Sep 05 j 06:30                        | 26° Mp 23′29                  |             |
| retrograde                   | -571 Sep 21 j 23:04                        | 12° <b>≏</b> 28′00                      |                  | evening set               | -570 Sep 11 j 15:02                        | 23° Mp 43'50                  |             |
| evening set                  | -571 Sep 27 j 17:14                        | 10° <b>≏</b> 02'01                      |                  | min. Earth dist.          | -570 Sep 15 j 19:23                        | 19° <b>m</b> 15'10            | 0.66445 AU  |
| min. Earth dist.             | -571 Oct 02 j 05:31                        | 4° <b>≙</b> 56'29                       | 0.67170 AU       | inferior conj             | -570 Sep 17 j 05:36                        | 17° <b>m</b> 29'04            |             |
| inferior conj                | -571 Oct 03 j 04:12                        | 3° <b>≙</b> 42'00                       | -0°48'30         | minimum elong             | -570 Sep 17 j 08:12                        | 17° <b>m</b> 20'57            | 1°43'08     |
| minimum elong                | -571 Oct 03 j 05:24                        | 3° <b>₾</b> 38'03                       | 0°47'59          | asc. node                 | -570 Sep 22 j 09:40                        | 12° Mp 04'36                  |             |
| asc. node                    | -571 Oct 05 j 12:37                        | 0° <b>≏</b> 43'56                       |                  | morning rise              | -570 Sep 23 j 01:42                        | 11° <b>m</b> 38'28            |             |
|                              | -571 Oct 06 j 04:05                        | 30° <b>₽, ™</b> )                       |                  | direct                    | -570 Sep 26 j 04:34                        | 10° Mp 42'49                  |             |
| morning rise                 | -571 Oct 08 j 17:40                        | 27° <b>m</b> 41'19                      |                  | morning max el            | -570 Oct 03 j 01:15                        | 14° <b>m</b> 32'54            | 18°53'32    |
| direct                       | -571 Oct 12 j 06:20                        | 26° <b>m</b> 29'23                      |                  |                           | -570 Oct 14 j 10:48                        | 0∘ <b>ত</b>                   |             |
|                              | -571 Oct 18 j 22:38                        | 0∘ <b>⊽</b>                             |                  | morning set               | -570 Oct 24 j 17:58                        | 16° <b>≏</b> 09'23            |             |
| morning max el               | -571 Oct 19 j 16:52                        | 0° <b>ჲ</b> 44'40                       | 19°46'48         | desc. node                | -570 Nov 01 j 10:48                        | 28° <b>≙</b> 17'19            |             |
|                              | -571 Nov 09 j 14:44                        | 0° <b>M</b> ₊                           |                  |                           | -570 Nov 02 j 12:56                        | 0°M                           |             |
| morning set                  | -571 Nov 14 j 04:58                        | 7° <b>™</b> .04'38                      |                  | max. Earth dist.          | -570 Nov 09 j 01:05                        | 10°ML13′38                    | 1.44912 AU  |
| desc. node                   | -571 Nov 14 j 13:45                        | 7°M38'39                                |                  |                           |  |                               |             |
| max. Earth dist.             | -571 Nov 26 j 08:03                        |   | 1.44181 AU       | superior conj             | -570 Nov 10 j 03:05                        | 11°M55'59                     |             |
|                              | -571 Nov 28 j 19:00                        | 0° <b>∡</b> ¹                           |                  | minimum elong             | -570 Nov 09 j 20:20                        | 11°M29'23                     | 0°53'51     |
|                              | 571 31 20 : 21 22                          | 20 7222                                 | 102.407          |                           | -570 Nov 21 j 12:01                        | 0° <b>∡</b> 7                 |             |
| superior conj                | -571 Nov 30 j 21:22                        | 3° <b>∡</b> 122'38                      |                  | evening rise              | -570 Nov 25 j 13:46                        | 6° <b>₹</b> 33'52             |             |
| minimum elong                | -571 Nov 30 j 13:38                        | 2° <b>х</b> 51'26<br>25° <b>х</b> 57'03 | 1°33′26          |                           | -570 Dec 10 j 08:43                        | 0°궁<br>7°궁44'07               | 10045127    |
| evening rise                 | -571 Dec 14 j 12:02                        |   |                  | evening max el            | -570 Dec 16 j 10:23                        |                               | 18-43-27    |
| 1-                           | -571 Dec 16 j 21:14                        | 0°る                                     |                  | asc. node                 | -570 Dec 19 j 08:57                        | 10°る14'02                     |             |
| asc. node                    | -570 Jan 01 j 11:55<br>-570 Jan 01 j 23:00 | 23°る51'14<br>24°る20'01                  | 18°17'31         | retrograde<br>evening set | -570 Dec 23 j 03:53<br>-570 Dec 26 j 07:18 | 11°る31'00<br>10°る34'44        |             |
| evening max el<br>retrograde | -570 Jan 08 j 10:56                        | 24 <b>3</b> 2001<br>27° <b>る</b> 50'38  | 18 1/31          | inferior conj             | -569 Jan 01 j 01:43                        | 10 83444<br>4° <b>8</b> 53'51 | 2026122     |
| evening set                  | -570 Jan 11 j 09:01                        | 27° <b>る</b> 05'22                      |                  | minimum elong             | -570 Dec 31 j 23:12                        | 5°る01'32                      |             |
| inferior conj                | -570 Jan 17 j 10:50                        | 27 <b>3</b> 03 22<br>21° <b>る</b> 42'07 | 3°46'59          | min. Earth dist.          | -569 Jan 02 j 20:18                        | 2°る44'21                      | 0.65125 AU  |
| minimum elong                | -570 Jan 17 j 10:30                        | 21° <b>る</b> 42'07                      | 3°46'51          | iiiii. Eartii tiist.      | -569 Jan 05 j 07:10                        | 2 044 21<br>30°R 🗷            | 0.03123 AU  |
| min. Earth dist.             | -570 Jan 19 j 20:41                        | 19° <b>る</b> 01'46                      | 0.63576 AU       | morning rise              | -569 Jan 06 j 14:44                        | 28° <b>₹</b> 145'46           |             |
| morning rise                 | -570 Jan 23 j 09:03                        | 15°る40'24                               | 0.03370 AC       | direct                    | -569 Jan 13 j 07:21                        | 25° × 53'43                   |             |
| direct                       | -570 Jan 30 j 08:39                        | 13° <b>ろ</b> 53'31                      |                  | direct                    | -569 Jan 22 j 13:00                        | 0°る                           |             |
| desc. node                   | -570 Feb 10 j 12:58                        | 12 <b>3</b> 3331<br>18° <b>る</b> 19'44  |                  | morning max el            | -569 Jan 26 j 12:18                        | 3°₹35′21                      | 26°59'01    |
| morning max el               | -570 Feb 13 j 02:33                        | 20° <b>ප්</b> 43'27                     | 27°38'37         | desc. node                | -569 Jan 28 j 10:00                        | 5° <b>ප</b> 334'17            | 20 37 01    |
| morning man vi               | -570 Feb 21 j 03:37                        | 0° <b>≈</b>                             | 2, 303,          | dese. node                | -569 Feb 15 j 12:38                        | 0°≈                           |             |
|                              | -570 Mar 12 j 10:53                        | 0° <b>∀</b>                             |                  | morning set               | -569 Mar 03 j 05:27                        | 27°≈22'56                     |             |
| morning set                  | -570 Mar 19 j 17:12                        | 13° <b>)</b> 47′09                      |                  | morning sec               | -569 Mar 04 j 13:51                        | 0° <b>)</b> €                 |             |
| max. Earth dist.             | -570 Mar 24 j 22:12                        |   | 1.33182 AU       | max. Earth dist.          | -569 Mar 07 j 17:33                        |                               | 1.34218 AU  |
|                              | ,  |   |                  |                           | J  |                               |             |
| superior conj                | -570 Mar 27 j 11:16                        | 29° <b>¥</b> 53'15                      | -0°31'12         | superior conj             | -569 Mar 11 j 13:51                        | 14° <b>)</b> 11′36            | -0°57'33    |
| minimum elong                | -570 Mar 27 j 12:46                        | 0° <b>Ƴ</b> 01'13                       |                  | minimum elong             | -569 Mar 11 j 16:33                        | 14° <b>)</b> €25'42           |             |
| C                            | -570 Mar 27 j 12:32                        | $0^{\circ}$ $\Upsilon$                  |                  | asc. node                 | -569 Mar 17 j 08:17                        | 26° <b>∺</b> 21'19            |             |
| asc. node                    | -570 Mar 30 j 11:15                        | 6° <b>Ƴ</b> 20'34                       |                  | evening rise              | -569 Mar 19 j 00:13                        | 29° <b>ℋ</b> 50'28            |             |
| evening rise                 | -570 Apr 03 j 14:06                        | 15° <b>Ƴ</b> 08'59                      |                  | _                         | -569 Mar 19 j 02:03                        | $0$ ° $\mathbf{\Upsilon}$     |             |
|                              | -570 Apr 11 j 01:41                        | 0° <b>႘</b>                             |                  |                           | -569 Apr 05 j 23:01                        | $_{0\circ}$ 8                 |             |
| evening max el               | -570 Apr 26 j 06:23                        | 21° <b>8</b> 29'26                      | 23°03'13         | evening max el            | -569 Apr 08 j 02:39                        | 2° <b>8</b> 14'33             | 21°31'18    |
| retrograde                   | -570 May 09 j 15:40                        | 28° <b>8</b> 08'29                      |                  | retrograde                | -569 Apr 20 j 07:09                        | 8° <b>8</b> 10'17             |             |
| desc. node                   | -570 May 09 j 12:13                        | 28° <b>8</b> 08'26                      |                  | evening set               | -569 Apr 22 j 17:52                        | 7° <b>8</b> 56'41             |             |
| evening set                  | -570 May 13 j 02:27                        | 27° <b>8</b> 42'24                      |                  | desc. node                | -569 Apr 26 j 09:13                        | 6° <b>8</b> 50'59             |             |
| min. Earth dist.             | -570 May 20 j 15:51                        |   | 0.55628 AU       | inferior conj             | -569 May 02 j 03:21                        | 3° <b>8</b> 55'13             |             |
| inferior conj                | -570 May 22 j 07:34                        | 23° <b>8</b> 22'44                      |                  | minimum elong             | -569 May 01 j 22:49                        | 4° <b>8</b> 01'34             | 1°35'58     |
| minimum elong                | -570 May 22 j 00:29                        | 23° <b>8</b> 33'04                      | 3°18'47          | min. Earth dist.          | -569 May 02 j 04:50                        | 3° <b>8</b> 53'08             | 0.55020 AU  |
| morning rise                 | -570 May 31 j 01:04                        | 19° <b>8</b> 28'15                      |                  |                           | -569 May 10 j 21:20                        | 30° <b>₹</b> Υ                |             |
| direct                       | -570 Jun 02 j 18:08                        | 19° <b>8</b> 10'43                      |                  | morning rise              | -569 May 11 j 04:26                        | 29° <b>Y</b> 55'58            |             |
| morning max el               | -570 Jun 13 j 13:52                        | 24° <b>8</b> 11'36                      | 20°33'17         | direct                    | -569 May 14 j 05:16                        | 29° <b>Ƴ</b> 35'50            |             |
|                              | -570 Jun 18 j 16:45                        | 0° <b>II</b>                            |                  |                           | -569 May 17 j 11:16                        | 0° <b>8</b>                   |             |
| asc. node                    | -570 Jun 26 j 10:30                        | 12° <b>Ⅱ</b> 25'07                      |                  | morning max el            | -569 May 26 j 16:11                        | 5° <b>8</b> 29'35             | 22°02'07    |
| morning set                  | -570 Jul 02 j 11:05                        | 24° <b>Ⅱ</b> 13′24                      |                  | _                         | -569 Jun 12 j 08:47                        | 0°II                          |             |
|                              | -570 Jul 05 j 06:24                        | 0ං <b>ව</b>                             |                  | asc. node                 | -569 Jun 13 j 07:33                        | 1° <b>I</b> I51'19            |             |
|                              | 550 X 1 10 101 11                          | 000000                                  | 104245           | morning set               | -569 Jun 16 j 20:38                        | 9° <b>Ⅱ</b> 03'38             |             |
| superior conj                | -570 Jul 10 j 01:45                        |   | 1°43'15          |                           | 560 I 24:02.01                             | 240T22115                     | 102020      |
| minimum elong                | -570 Jul 10 j 00:14                        | 9°545'47                                |                  | superior conj             | -569 Jun 24 j 03:01                        | 24° <b>Ⅱ</b> 23'42            |             |
| max. Earth dist.             | -570 Jul 14 j 21:18                        | 19°529'00                               | 1.36110 AU       | minimum elong             | -569 Jun 24 j 00:41                        | 24° <b>Ⅱ</b> 11'29            | 1°32'23     |
| evening rise                 | -570 Jul 18 j 22:47                        | 27° <b>©</b> 12'05                      |                  | m at the                  | -569 Jun 26 j 19:40                        | 0.00                          | 1 24612 131 |
| 4 1                          | -570 Jul 20 j 11:20                        | 0°Ω                                     |                  | max. Earth dist.          | -569 Jun 27 j 12:26                        | 1°525'59                      | 1.34613 AU  |
| desc. node                   | -570 Aug 05 j 11:32                        | 26° <b>Ω</b> 21'19                      |                  | evening rise              | -569 Jul 02 j 04:15                        | 10°542'41                     |             |
| avanie 1                     | -570 Aug 07 j 23:46                        | 0° <b>m)</b>                            | 26010155         | dogo                      | -569 Jul 12 j 21:25                        | 0° <b>Ω</b>                   |             |
| evening max el               | -570 Aug 23 j 16:01                        | 19° <b>m</b> 14'30                      | 26°10'55         | desc. node                | -569 Jul 23 j 08:34                        | 16° <b>Ω</b> 05'39            |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 178 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl | ne year -900 in                                      | astronomical cou | inting style is the year | 901 BCE in historical cou |                                   |            |
|---------------------|-----------------------------|--|------------------|--------------------------|---------------------------|-----------------------------------|------------|
|                     | -569 Aug 03 j 11:13         | 0° <b>m</b>  |                  |                          | -568 Jun 17 j 12:38       | 0                                 |            |
| evening max el      | -569 Aug 06 j 03:44         | 2°Mp44'16  | 27°00'08         |                          | -568 Jul 05 j 09:28       | $0$ $^{\circ}$ $\Omega$           |            |
| retrograde          | -569 Aug 19 j 08:49         | 10° Mp 02'59   |                  | desc. node               | -568 Jul 09 j 05:34       | 5° <b>Ω</b> 14'47                 |            |
| evening set         | -569 Aug 26 j 05:19         | 7° <b>™</b> 16'49                                    |                  | evening max el           | -568 Jul 18 j 14:51       | 15° <b>Ω</b> 58'07                | 27°24'09   |
| min. Earth dist.    | -569 Aug 30 j 02:27         |  | 0.65363 AU       | retrograde               | -568 Aug 01 j 05:22       | 23° <b>Ω</b> 18'32                |            |
| inferior conj       | -569 Sep 01 j 01:15         | 1° Mp 10'57  |                  | evening set              | -568 Aug 08 j 09:10       | 20° <b>Ω</b> 36'37                |            |
| minimum elong       | -569 Sep 01 j 05:07         | 0° <b>™</b> 59'50                                    | 2°37'09          | min. Earth dist.         | -568 Aug 12 j 00:47       |                                   | 0.63918 AU |
|                     | -569 Sep 02 j 02:12         | 30°R <b>Ω</b>  |                  | inferior conj            | -568 Aug 14 j 12:46       | 14° <b>Ω</b> 43'13                |            |
| morning rise        | -569 Sep 07 j 05:32         | 25° <b>Ω</b> 33'29                                   |                  | minimum elong            | -568 Aug 14 j 17:22       | 14° <b>Ω</b> 31'12                | 3°27'20    |
| asc. node           | -569 Sep 09 j 06:43         | 24° <b>Ω</b> 53'35                                   |                  | morning rise             | -568 Aug 21 j 02:31       | 9° <b>Ω</b> 21'58                 |            |
| direct              | -569 Sep 10 j 00:59         | 24° <b>Ω</b> 50'24                                   |                  | direct                   | -568 Aug 23 j 17:03       | 8° <b>Ω</b> 48'04                 |            |
| morning max el      | -569 Sep 16 j 14:30         | 28° <b>Ω</b> 24'31                                   | 18°16'28         | asc. node                | -568 Aug 26 j 03:46       | 9° <b>Ω</b> 18'18                 |            |
|                     | -569 Sep 18 j 01:40         | O° Mp  |                  | morning max el           | -568 Aug 30 j 06:00       | 12° <b>Ω</b> 14'20                | 17°56'40   |
| morning set         | -569 Oct 05 j 10:50         | 26°№36'54  |                  |                          | -568 Sep 11 j 09:28       | 0° <b>m</b>                       |            |
|                     | -569 Oct 07 j 12:24         | 0° <b>⊽</b>  |                  | morning set              | -568 Sep 16 j 06:31       | 8° <b>™</b> 22'19                 |            |
| desc. node          | -569 Oct 19 j 07:51         | 19° <b>≏</b> 01'29                                   |                  |                          |                           |                                   |            |
|                     |                             |  |                  | superior conj            | -568 Sep 28 j 23:02       | 29° <b>m</b> 44'08                | 0°40'27    |
| superior conj       | -569 Oct 20 j 04:32         | 20° <b>≏</b> 23'27                                   | -0°05'40         | minimum elong            | -568 Sep 29 j 03:12       | 0° <b>ჲ</b> 01'10                 | 0°39'53    |
| minimum elong       | -569 Oct 20 j 03:48         | 20° <b>≏</b> 20'32                                   | 0°05'34          |                          | -568 Sep 29 j 02:55       | 0∘ <b>ত</b>                       |            |
| behind sun begin    | -569 Oct 19 j 17:18         | 19° <b>≏</b> 38'59                                   |                  | max. Earth dist.         | -568 Oct 04 j 12:46       | 8° <b>≏</b> 44'03                 | 1.44200 AU |
| behind sun end      | -569 Oct 20 j 14:17         | 21° <b>ഫ</b> 02'02                                   |                  | desc. node               | -568 Oct 05 j 04:53       | 9° <b>≏</b> 48'16                 |            |
| max. Earth dist.    | -569 Oct 22 j 19:35         | 24° <b>≙</b> 32'21                                   | 1.44912 AU       | evening rise             | -568 Oct 15 j 00:59       | 25° <b>≙</b> 11'30                |            |
|                     | -569 Oct 26 j 06:59         | 0°M  |                  | -                        | -568 Oct 18 j 04:09       | 0° <b>M</b> ₊                     |            |
| evening rise        | -569 Nov 05 j 15:47         | 16°M12'10  |                  |                          | -568 Nov 07 j 20:38       | 0° <b>∡</b> ¹                     |            |
|                     | -569 Nov 14 j 12:40         | 0° <b>∡</b> ¹  |                  | evening max el           | -568 Nov 11 j 21:21       | 4° <b>∡</b> °39'16                | 20°29'56   |
| greatest brilliancy | -569 Nov 17 j 07:34         | 4° <b>∡</b> 16'32                                    | -0.7m            | retrograde               | -568 Nov 19 j 22:00       | 9° <b>∡</b> ¹23'21                |            |
| evening max el      | -569 Nov 29 j 18:22         | 21° <b>₹</b> 11'06                                   | 19°30'18         | asc. node                | -568 Nov 22 j 03:00       | 8° <b>₹</b> 55'32                 |            |
| asc. node           | -569 Dec 06 j 05:59         | 25° <b>х</b> 19'42                                   |                  | evening set              | -568 Nov 23 j 17:23       | 7° <b>√</b> 59'41                 |            |
| retrograde          | -569 Dec 07 j 00:26         | 25° <b>₹</b> 23'02                                   |                  | inferior conj            | -568 Nov 29 j 03:27       | 1° <b>х</b> 52′20                 | 2°14'39    |
| evening set         | -569 Dec 10 j 10:49         | 24° <b>₹</b> 14'07                                   |                  | minimum elong            | -568 Nov 29 j 00:51       | 2° <b>₹</b> 01'09                 |            |
| inferior conj       | -569 Dec 16 j 00:07         |  | 2°54'46          | min. Earth dist.         | -568 Nov 29 j 19:08       | 0° <b>₹</b> 59'10                 | 0.67086 AU |
| minimum elong       | -569 Dec 15 j 21:16         |  |                  |                          | -568 Nov 30 j 12:47       | 30°RM₊                            |            |
| min. Earth dist.    | -569 Dec 17 j 04:29         | 16° <b>∡</b> 746'15                                  | 0.66293 AU       | morning rise             | -568 Dec 04 j 08:08       | 25°M38'48                         |            |
| morning rise        | -569 Dec 21 j 07:28         | 12° <b>∡</b> 06'33                                   |                  | direct                   | -568 Dec 09 j 22:23       | 23°M10'57                         |            |
| direct              | -569 Dec 27 j 12:13         | 9° <b>×</b> <sup>7</sup> 22'05                       |                  | morning max el           | -568 Dec 21 j 05:56       | 29°M55'47                         | 24°32'08   |
| morning max el      | -568 Jan 08 j 21:38         | 16° <b>∡</b> 742'30                                  | 25°53'39         |                          | -568 Dec 21 j 07:36       | 0° <b>⊼</b>                       |            |
| desc. node          | -568 Jan 15 j 07:02         | 23° <b>×</b> 55'05                                   | 20 00 00         | desc. node               | -567 Jan 01 j 04:05       | 13° <b>∡</b> *02'53               |            |
| acco. noac          | -568 Jan 19 j 23:49         | 0°る  |                  | acco. noac               | -567 Jan 12 j 21:19       | 0°る                               |            |
|                     | -568 Feb 08 j 10:28         | 0° <b>≈</b>  |                  | morning set              | -567 Jan 26 j 06:00       | 21° <b>る</b> 57'59                |            |
| morning set         | -568 Feb 14 j 03:35         | 10° <b>≈</b> 11'49                                   |                  | max. Earth dist.         | -567 Jan 29 j 22:18       |                                   | 1.37601 AU |
| max. Earth dist.    | -568 Feb 18 j 00:46         |  | 1.35709 AU       | max. Earth dist.         | -567 Jan 30 j 17:32       | 0°≈                               | 1.57001710 |
| max. Earth dist.    | 3001 <b>c</b> 0 10 j 00.40  | 17 70.3027   | 1.55707110       |                          | 307 Jun 30 j 17.32        | 0 ~~                              |            |
| superior conj       | -568 Feb 23 j 08:55         | 28° <b>≈</b> 02'31                                   | -1°22'12         | superior conj            | -567 Feb 05 j 17:15       | 11° <b>≈</b> 17'11                | -1°43'02   |
| minimum elong       | -568 Feb 23 j 12:30         | 28°≈20'35  |                  | minimum elong            | -567 Feb 05 j 20:55       | 11°≈34'56                         |            |
| minimum clong       | -568 Feb 24 j 08:07         | 0° <b>H</b>  | 1 21 71          | evening rise             | -567 Feb 14 j 07:31       | 28°≈16'37                         | 1 42 41    |
| evening rise        | -568 Mar 02 j 06:47         | 14° <b>)</b> 15'08                                   |                  | evening rise             | -567 Feb 15 j 04:23       | 0° <b>∺</b>                       |            |
| asc. node           | -568 Mar 03 j 05:19         | 14 X 13 08<br>16° <b>X</b> 09'45                     |                  | asc. node                | -567 Feb 18 j 02:21       | 5° <b>)</b> 40'43                 |            |
| asc. node           | -568 Mar 10 j 11:48         | 10 <b>γ</b> (0943                                    |                  | evening max el           | -567 Mar 03 j 03:05       | 25° <b>H</b> 27'17                | 10011'57   |
| evening max el      | -568 Mar 20 j 09:19         | 13° <b>Υ</b> 31'51                                   | 20012131         | retrograde               | -567 Mar 11 j 23:38       | 29° <b>H</b> 42'30                | 19 11 37   |
| retrograde          | -568 Mar 30 j 21:34         | 13 <b>γ</b> 31 31<br>18° <b>γ</b> 34'05              | 20 12 31         | evening set              | -567 Mar 14 j 05:23       | 29° <b>H</b> 27'23                |            |
| evening set         | -568 Apr 02 j 00:39         | 18° <b>Υ</b> 22'35                                   |                  | inferior conj            | -567 Mar 22 j 10:45       | 25° <b>H</b> 16'47                | 2003123    |
| inferior conj       | -568 Apr 11 j 00:00         | $16^{\circ}$ $72233$ $14^{\circ}$ $\Upsilon$ $24'05$ | 0°21'27          | minimum elong            | -567 Mar 22 j 15:00       | 25° <b>H</b> 09'36                | 2°02'09    |
| ·                   |                             | 14 <b>γ</b> 24 03<br>14° <b>γ</b> 22'38              |                  | min. Earth dist.         | -                         | 23° <del>X</del> 16'54            | 0.56598 AU |
| minimum elong       | -568 Apr 11 j 00:58         |  | 0°21'07          |                          | -567 Mar 25 j 10:03       |                                   | 0.30398 AU |
| desc. node          | -568 Apr 12 j 06:13         | 13° <b>Υ</b> 39'06                                   | 0.55260 ATT      | desc. node               | -567 Mar 30 j 03:15       | 20°\(\frac{1}{40}\)'28            |            |
| min. Earth dist.    | -568 Apr 12 j 18:50         | 13° <b>Υ</b> 20'28                                   | 0.55368 AU       | morning rise             | -567 Mar 30 j 21:43       | 20° <del>X</del> 22'04            |            |
| morning rise        | -568 Apr 19 j 23:27         | 10° <b>Y</b> 01'30<br>9° <b>Y</b> 29'55              |                  | direct                   | -567 Apr 04 j 19:41       | 19° <b>¥</b> 26′00                | 25010146   |
| direct              | -568 Apr 23 j 18:38         |  | 22041145         | morning max el           | -567 Apr 19 j 00:34       | 26° <b>)</b> 43′05<br>0° <b>°</b> | 45 19 40   |
| morning max el      | -568 May 07 j 10:00         | 16° <b>Y</b> 13′03                                   | 25-41.45         |                          | -567 Apr 22 j 04:01       |                                   |            |
| 1                   | -568 May 18 j 09:21         | 0° <b>8</b>  |                  |                          | -567 May 11 j 10:06       | 0°8                               |            |
| asc. node           | -568 May 30 j 04:36         | 21° <b>8</b> 37'26                                   |                  | morning set              | -567 May 15 j 20:09       | 9° <b>8</b> 00'28                 |            |
| morning set         | -568 May 31 j 08:13         | 24° <b>8</b> 01'27                                   |                  | asc. node                | -567 May 17 j 01:39       | 11° <b>8</b> 36'50                |            |
|                     | -568 Jun 03 j 03:37         | $\Pi$ °0   |                  |                          | 7/7 \                     | 2401 10200                        | 0055122    |
|                     | 560 Y 05100 5               | 00.  | 1017702          | superior conj            | -567 May 22 j 20:03       | 24° <b>8</b> 08'07                | 0°57'33    |
| superior conj       | -568 Jun 07 j 09:52         |  | 1°17'02          | minimum elong            | -567 May 22 j 17:51       | 23° <b>8</b> 56'06                | 0°57'09    |
| minimum elong       | -568 Jun 07 j 07:21         |  |                  | max. Earth dist.         | -567 May 23 j 21:33       | 26° <b>8</b> 27'01                | 1.32774 AU |
| max. Earth dist.    | -568 Jun 09 j 13:13         | 13° <b>Ⅱ</b> 45'51                                   | 1.33501 AU       |                          | -567 May 25 j 12:52       | 0°П                               |            |
| evening rise        | -568 Jun 14 j 21:39         | 24° <b>Ⅱ</b> 49'56                                   |                  | evening rise             | -567 May 29 j 23:20       | 9° <b>Ⅱ</b> 21'41                 |            |

| -                         | omena of Mercury   |  | _                |                               |  |   | ge 179      |
|---------------------------|--|--|------------------|-------------------------------|--|---|-------------|
| Attention, astronom       | nical year style is used: The -567 Jun 09 j 21:04  | ne year -900 in<br>0°©                                 | astronomical cou | evening rise                  |  | 24° <b>8</b> 08'56  |             |
| desc. node                | -567 Jun 26 j 02:35  | 0 55<br>23°533'12                                      |                  | evening rise                  | -566 May 14 j 06:34<br>-566 May 17 j 02:58   | 0° <b>Ⅱ</b>   |             |
| evening max el            | -567 Jun 30 j 23:01  |  | 27°17'20         |                               | -566 Jun 03 j 20:27  | 0°©   |             |
| evening max ci            | -567 Jul 02 j 09:04  | 28 <b>3</b> 42 01                                      | 2/ 1/20          | desc. node                    | -566 Jun 12 j 23:35  | 10° <b>©</b> 39'33  |             |
| retrograde                | -567 Jul 14 j 19:14  | 6° <b>Ω</b> 00'02                                      |                  | evening max el                | -566 Jun 13 j 01:33  | 10°544'14   | 26°37'23    |
| evening set               | -567 Jul 21 j 22:44  | 3° <b>£</b> 35'38                                      |                  | retrograde                    | -566 Jun 27 j 01:20  | 17° <b>©</b> 59'28  |             |
| min. Earth dist.          | -567 Jul 25 j 12:53  | 0° <b>Ω</b> 45'11                                      | 0.62140 AU       | evening set                   | -566 Jul 03 j 17:33  | 16° <b>©</b> 05'32  |             |
|                           | -567 Jul 26 j 08:47  | 30° <b>₹</b> 5   |                  | min. Earth dist.              | -566 Jul 07 j 14:51  | 13° <b>5</b> 27'27  | 0.60130 AU  |
| inferior conj             | -567 Jul 28 j 13:06  | 27° <b>©</b> 57'51                                     | -4°10'20         | inferior conj                 | -566 Jul 10 j 22:44  | 10° <b>©</b> 45'55  | -4°36'57    |
| minimum elong             | -567 Jul 28 j 17:22  | 27°547'55  | 4°09'32          | minimum elong                 | -566 Jul 11 j 00:55  | 10°5541'28  | 4°36'47     |
| morning rise              | -567 Aug 04 j 13:21  | 22°956'07  |                  | morning rise                  | -566 Jul 18 j 10:14  | 6°9506'22   |             |
| direct                    | -567 Aug 07 j 01:29  | 22° <b>©</b> 28'33                                     |                  | direct                        | -566 Jul 20 j 22:04  | 5° <b>5</b> 43'14   |             |
| asc. node                 | -567 Aug 13 j 00:51  | 25° <b>©</b> 08'38                                     |                  | morning max el                | -566 Jul 28 j 08:16  | 9° <b>©</b> 19'38   | 18°12'54    |
| morning max el            | -567 Aug 13 j 20:54  | 25° <b>©</b> 55'07                                     | 17°55'07         | asc. node                     | -566 Jul 30 j 21:56  | 12° <b>5</b> 09'50  |             |
|                           | -567 Aug 17 j 08:12  | $0^{\circ}\Omega$                                      |                  |                               | -566 Aug 10 j 19:54  | $0 {\circ} \Omega$  |             |
| morning set               | -567 Aug 29 j 23:09  | 21° <b>Ω</b> 07'47                                     |                  | morning set                   | -566 Aug 13 j 07:06  | 4° <b>Ω</b> 37'47   |             |
|                           | -567 Sep 03 j 21:41  | 0° <b>т</b> р  |                  |                               |  |   |             |
|                           |  |  |                  | superior conj                 | -566 Aug 22 j 19:54  | 22° <b>Ω</b> 22'19  | 1°36'37     |
| superior conj             | -567 Sep 09 j 20:33  |  | 1°15'10          | minimum elong                 | -566 Aug 22 j 23:14  | 22° <b>Ω</b> 37'22  | 1°36'24     |
| minimum elong             | -567 Sep 10 j 01:34  | 10° m/46'12  | 1°14'37          | P. 4. F.                      | -566 Aug 27 j 02:54  | 0° <b>Т</b> р   | 1 11072 177 |
| max. Earth dist.          | -567 Sep 17 j 02:16  | 22° m/32'10  | 1.42863 AU       | max. Earth dist.              | -566 Aug 30 j 10:19  | -•  | 1.41073 AU  |
|                           | -567 Sep 21 j 17:22  | 0° <b>™</b>  |                  | evening rise                  | -566 Sep 04 j 10:33  | 14° Mp 01'36  |             |
| desc. node                | -567 Sep 22 j 01:55  | 0° <b>£</b> 33'57                                      |                  | desc. node                    | -566 Sep 08 j 22:56  | 21° Mp 15′23<br>0° <u> </u>   |             |
| evening rise              | -567 Sep 24 j 09:30  | 4° <b>≙</b> 13'06<br>0° <b>™</b>                       |                  |                               | -566 Sep 14 j 15:09  | 0° <b>11</b>  |             |
| avaning may al            | -567 Oct 11 j 14:21<br>-567 Oct 25 j 18:31   | 18° <b>M</b> L07'41                                    | 21941117         | avanina may al                | -566 Oct 06 j 21:13<br>-566 Oct 08 j 10:20   | 1°M36'59  | 22050152    |
| evening max el retrograde | -567 Nov 03 j 18:41  | 23°M28'54  | 21 41 17         | evening max el retrograde     | -566 Oct 18 j 12:57  | 7°M36'47  | 22 39 32    |
| evening set               | -567 Nov 08 j 01:09  | 21°M48'27  |                  | evening set                   | -566 Oct 23 j 08:22  | 5°M38'13  |             |
| asc. node                 | -567 Nov 09 j 00:03  | 20°M58'09  |                  | asc. node                     | -566 Oct 26 j 21:07  | 1°M45'10  |             |
| inferior conj             | -567 Nov 13 j 09:36  | 15°M32'42  | 1°28'19          | use. Houe                     | -566 Oct 28 j 04:21  | 30° <b>R</b> Ω  |             |
| minimum elong             | -567 Nov 13 j 07:42  | 15°M39'16  | 1°27'33          | inferior conj                 | -566 Oct 28 j 16:40  | 29° <b>₽</b> 17'36  | 0°37'22     |
| min. Earth dist.          | -567 Nov 13 j 13:55  | 15°ML17'45   | 0.67522 AU       | minimum elong                 | -566 Oct 28 j 15:48  | 29° <b>£</b> 20'36  |             |
| morning rise              | -567 Nov 18 j 14:05  | 9° <b>M</b> ₁9'39                                      |                  | min. Earth dist.              | -566 Oct 28 j 10:26  | 29° <b>≙</b> 39'02  | 0.67632 AU  |
| direct                    | -567 Nov 23 j 13:03  | 7°ML13'21  |                  | morning rise                  | -566 Nov 02 j 23:08  | 23° <b>ჲ</b> 07'17  |             |
| morning max el            | -567 Dec 03 j 15:21  | 13°M13'25  | 23°04'37         | direct                        | -566 Nov 07 j 07:25  | 21° <b>≏</b> 23'38  |             |
|                           | -567 Dec 17 j 02:41  | 0°⊀  |                  | morning max el                | -566 Nov 16 j 05:19  | 26° <b>≏</b> 38'07  | 21°39'46    |
| desc. node                | -567 Dec 19 j 01:09  | 2° <b>х</b> 44′03                                      |                  |                               | -566 Nov 19 j 06:59  | $0^{\circ}$ M   |             |
|                           | -566 Jan 05 j 19:16  | <b>℃</b> 0   |                  | desc. node                    | -566 Dec 05 j 22:11  | 22°M48'43   |             |
| morning set               | -566 Jan 07 j 06:27  | 2° <b>る</b> 25'29                                      |                  |                               | -566 Dec 10 j 16:41  | 0°⊀   |             |
| max. Earth dist.          | -566 Jan 11 j 17:49  | 10°る00'29  | 1.39706 AU       | morning set                   | -566 Dec 18 j 01:43  | 11° <b>≯</b> 29'10  |             |
|                           |  | _  |                  | max. Earth dist.              | -566 Dec 24 j 17:58  | 22° <b>∡</b> 18'54  | 1.41748 AU  |
| superior conj             | -566 Jan 19 j 10:34  | 23° <b>る</b> 44'28                                     |                  |                               | -566 Dec 29 j 07:37  | 0°る   |             |
| minimum elong             | -566 Jan 19 j 12:54  | 23° <b>ප්</b> 55'15                                    | 1°57'04          |                               | 565 4 01:05 20   | 50710100  | 2000111     |
|                           | -566 Jan 22 j 19:11  | 0°≈  |                  | superior conj                 | -565 Jan 01 j 07:28  | 5°る10'02<br>5°る05'41  |             |
| evening rise              | -566 Jan 28 j 23:38  | 11°≈47'58  |                  | minimum elong                 | -565 Jan 01 j 06:28  |   | 2*00'40     |
| asc. node                 | -566 Feb 04 j 23:23  | 24°≈48'12  |                  | evening rise                  | -565 Jan 12 j 03:36  | 24° <b>る</b> 40'07  |             |
| evening max el            | -566 Feb 08 j 02:12<br>-566 Feb 14 j 05:55   | 0° <b>∺</b><br>7° <b>∺</b> 56'31                       | 18°31'18         | asc. node                     | -565 Jan 15 j 01:29<br>-565 Jan 22 j 20:26   | 0° <b>≈</b><br>13° <b>≈</b> 23'38   |             |
| retrograde                | -566 Feb 21 j 20:36  | 11° <b>X</b> 40'16                                     | 16 31 16         | evening max el                | -565 Jan 28 j 14:48  | 13 ≈23 38<br>20°≈50'07  | 18°10'40    |
| evening set               | -566 Feb 24 j 07:14  | 11° <del>X</del> 18'28                                 |                  | retrograde                    | -565 Feb 04 j 11:14  | 24°≈18'16   | 10 10 40    |
| inferior conj             | -566 Mar 03 j 18:09  |  | 3°11'02          | evening set                   | -565 Feb 07 j 02:20  | 23°≈48'15   |             |
| minimum elong             | -566 Mar 03 j 22:01  | 6° <b>)</b> (40′36                                     | 3°10'15          | inferior conj                 | -565 Feb 13 j 21:42  | 18°≈56'58   | 3°44'46     |
| min. Earth dist.          | -566 Mar 07 j 04:09  |  | 0.58426 AU       | minimum elong                 | -565 Feb 13 j 23:25  | 18° <b>≈</b> 53'01  | 3°44'36     |
| morning rise              | -566 Mar 11 j 10:13  | 1° <b>)</b> 24′26                                      |                  | min. Earth dist.              | -565 Feb 17 j 04:08  | 15° <b>≈</b> 58′05  | 0.60503 AU  |
| C                         | -566 Mar 15 j 17:52  | 30° <b>₹</b> ≈   |                  | morning rise                  | -565 Feb 20 j 18:42  | 13° <b>≈</b> 12'37  |             |
| direct                    | -566 Mar 17 j 09:59  | 29° <b>≈</b> 52'50                                     |                  | direct                        | -565 Feb 27 j 11:57  | 11° <b>≈</b> 03'35  |             |
| desc. node                | -566 Mar 17 j 00:18  | 29° <b>≈</b> 53'15                                     |                  | desc. node                    | -565 Mar 03 j 21:20  | 11° <b>≈</b> 54'42  |             |
|                           | -566 Mar 19 j 02:25  | 0° <b>∀</b>  |                  | morning max el                | -565 Mar 13 j 17:35  | 18° <b>≈</b> 51′02  | 27°31'54    |
| morning max el            | -566 Mar 31 j 18:02  | 7° <b>∺</b> 29'21                                      | 26°40'47         |                               | -565 Mar 23 j 03:53  | 0° <b>∀</b>   |             |
| -                         |  | 0 0  |                  |                               | -565 Apr 10 j 06:57  | $0^{\circ}\mathbf{\Upsilon}$  |             |
| -                         | -566 Apr 17 j 14:29  | $0$ ° $\mathbf{\gamma}$                                |                  |                               |  |   |             |
| morning set               | -566 Apr 30 j 06:49  | 23° <b>Y</b> 55'14                                     |                  | morning set                   | -565 Apr 14 j 14:21  | 8° <b>Y</b> 38'27   |             |
| morning set               | -566 Apr 30 j 06:49<br>-566 May 03 j 03:22   | 23° <b>Y</b> 55'14<br>0° <b>႘</b>                      |                  | morning set asc. node         | -565 Apr 14 j 14:21<br>-565 Apr 20 j 19:46   | 8° <b>Υ</b> 38'27<br>21° <b>Υ</b> 55'58   |             |
| morning set               | -566 Apr 30 j 06:49  | 23° <b>Y</b> 55'14                                     |                  | •                             | -565 Apr 14 j 14:21  | 8° <b>Y</b> 38'27   | 1.32410 AU  |
| asc. node                 | -566 Apr 30 j 06:49<br>-566 May 03 j 03:22<br>-566 May 03 j 22:43                        | 23° <b>Y</b> 55'14<br>0° <b>と</b><br>1° <b>と</b> 44'44 | 000 510 5        | asc. node<br>max. Earth dist. | -565 Apr 14 j 14:21<br>-565 Apr 20 j 19:46<br>-565 Apr 20 j 22:36                        | 8° <b>Y</b> 38'27<br>21° <b>Y</b> 55'58<br>22° <b>Y</b> 11'26                       |             |
| asc. node                 | -566 Apr 30 j 06:49<br>-566 May 03 j 03:22<br>-566 May 03 j 22:43<br>-566 May 07 j 07:45 | 23°Y55'14<br>0°8<br>1°844'44<br>9°807'54               | 0°35'03          | asc. node<br>max. Earth dist. | -565 Apr 14 j 14:21<br>-565 Apr 20 j 19:46<br>-565 Apr 20 j 22:36<br>-565 Apr 21 j 19:11 | 8° <b>Y</b> 38'27<br>21° <b>Y</b> 55'58<br>22° <b>Y</b> 11'26<br>24° <b>Y</b> 04'01 | 0°10'19     |
| asc. node                 | -566 Apr 30 j 06:49<br>-566 May 03 j 03:22<br>-566 May 03 j 22:43                        | 23° <b>Y</b> 55'14<br>0° <b>と</b><br>1° <b>と</b> 44'44 |                  | asc. node<br>max. Earth dist. | -565 Apr 14 j 14:21<br>-565 Apr 20 j 19:46<br>-565 Apr 20 j 22:36                        | 8° <b>Y</b> 38'27<br>21° <b>Y</b> 55'58<br>22° <b>Y</b> 11'26                       |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 180 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | ical year style is used: Tl | ne year -900 in     | astronomical cour | nting style is the year 9 | 001 BCE in historical cou | nting style.        |            |
|----------------------|-----------------------------|---------------------|-------------------|---------------------------|---------------------------|---------------------|------------|
| behind sun end       | -565 Apr 21 j 22:35         | 24° <b>Y</b> °22'38 |                   | behind sun begin          | -564 Apr 05 j 04:40       | 8° <b>Y</b> 50'28   |            |
|                      | -565 Apr 24 j 12:12         | 0°B                 |                   | behind sun end            | -564 Apr 05 j 06:13       | 8° <b>Ƴ</b> 58'50   |            |
| evening rise         | -565 Apr 28 j 17:01         | 9° <b>8</b> 03'03   |                   | asc. node                 | -564 Apr 06 j 16:49       | 12° <b>Y</b> 06'30  |            |
|                      | -565 May 09 j 13:55         | $\Pi$ $^{\circ}0$   |                   | evening rise              | -564 Apr 12 j 04:45       | 23° <b>Y</b> 57'22  |            |
| evening max el       | -565 May 25 j 21:05         | 22° <b>Ⅱ</b> 00'51  | 25°27'39          |                           | -564 Apr 15 j 02:43       | $0$ $\circ$ 8       |            |
| desc. node           | -565 May 30 j 20:36         | 26° <b>Ⅱ</b> 04'15  |                   |                           | -564 May 03 j 20:47       | $\Pi$ $\circ 0$     |            |
| retrograde           | -565 Jun 08 j 22:10         | 29° <b>Ⅱ</b> 11'38  |                   | evening max el            | -564 May 06 j 12:07       | 2° <b>Ⅱ</b> 44'34   | 23°58'09   |
| evening set          | -565 Jun 14 j 13:53         | 27° <b>Ⅱ</b> 56′29  |                   | desc. node                | -564 May 16 j 17:38       | 9° <b>Ⅱ</b> 11'16   |            |
| min. Earth dist.     | -565 Jun 19 j 09:04         | 25° <b>Ⅱ</b> 12'34  | 0.58090 AU        | retrograde                | -564 May 20 j 07:23       | 9° <b>Ⅱ</b> 40′24   |            |
| inferior conj        | -565 Jun 22 j 14:07         | 22° <b>Ⅱ</b> 57'32  | -4°38'23          | evening set               | -564 May 24 j 13:01       | 9° <b>Ⅱ</b> 00′38   |            |
| minimum elong        | -565 Jun 22 j 12:17         | 23° <b>Ⅱ</b> 00'46  | 4°38'16           | min. Earth dist.          | -564 May 30 j 23:16       | 5° <b>Ⅱ</b> 55'38   | 0.56350 AU |
| morning rise         | -565 Jun 30 j 13:21         | 18° <b>Ⅱ</b> 40'22  |                   | inferior conj             | -564 Jun 02 j 09:20       | 4° <b>Ⅱ</b> 26′16   | -4°02'05   |
| direct               | -565 Jul 03 j 02:14         | 18° <b>Ⅱ</b> 20′29  |                   | minimum elong             | -564 Jun 02 j 03:16       | 4° <b>Ⅱ</b> 35'40   | 4°00'55    |
| morning max el       | -565 Jul 11 j 13:07         | 22° <b>Ⅱ</b> 18'56  | 18°51'06          | morning rise              | -564 Jun 10 j 20:24       | 0° <b>Ⅱ</b> 26′17   |            |
| asc. node            | -565 Jul 17 j 19:00         | 0° <b>©</b> 06'46   |                   | direct                    | -564 Jun 13 j 11:13       | 0°Ⅱ08'30            |            |
|                      | -565 Jul 17 j 17:13         | $0$ $\circ$         |                   | morning max el            | -564 Jun 23 j 08:37       | 4° <b>Ⅱ</b> 43'20   | 19°50'08   |
| morning set          | -565 Jul 28 j 02:00         | 18° <b>5</b> 40'40  |                   | asc. node                 | -564 Jul 03 j 16:03       | 18° <b>Ⅱ</b> 46′24  |            |
|                      | -565 Aug 02 j 20:43         | $0^{\circ}\Omega$   |                   |                           | -564 Jul 09 j 15:06       | 0ංම                 |            |
|                      |                             |                     |                   | morning set               | -564 Jul 11 j 04:29       | 3° <b>5</b> 07'17   |            |
| superior conj        | -565 Aug 05 j 15:32         | 5° <b>Ω</b> 21'13   | 1°46'20           |                           |                           |                     |            |
| minimum elong        | -565 Aug 05 j 16:38         | 5° <b>Ω</b> 26′26   | 1°46'19           | superior conj             | -564 Jul 19 j 01:55       | 19° <b>©</b> 05'05  | 1°46'35    |
| max. Earth dist.     | -565 Aug 12 j 13:37         | 18° <b>Ω</b> 06'48  | 1.39069 AU        | minimum elong             | -564 Jul 19 j 01:09       | 19° <b>©</b> 01'19  | 1°46'33    |
| evening rise         | -565 Aug 16 j 12:16         | 25° <b>Ω</b> 00′16  |                   | max. Earth dist.          | -564 Jul 24 j 17:08       | 0° <b>Ω</b> 00'46   | 1.37122 AU |
|                      | -565 Aug 19 j 11:18         | 0° <b>m</b> ∕       |                   |                           | -564 Jul 24 j 16:58       | $0^{\circ}\Omega$   |            |
| desc. node           | -565 Aug 26 j 19:58         | 11° <b>m</b> )48'44 |                   | evening rise              | -564 Jul 28 j 13:45       | 7° <b>Ω</b> 07'45   |            |
|                      | -565 Sep 08 j 08:08         | 0∘ <b>⊽</b>         |                   |                           | -564 Aug 11 j 07:14       | 0° <b>m</b> )       |            |
| evening max el       | -565 Sep 20 j 22:43         | 15° <b>ഫ</b> 09'35  | 24°19'48          | desc. node                | -564 Aug 12 j 17:00       | 2°Mp08'30           |            |
| retrograde           | -565 Oct 02 j 03:45         | 21° <b>≏</b> 43'58  |                   | evening max el            | -564 Sep 02 j 10:07       | 28° <b>m</b> 45'36  | 25°34'02   |
| evening set          | -565 Oct 07 j 13:23         | 19° <b>≏</b> 27'27  |                   |                           | -564 Sep 03 j 17:31       | 0∘ <b>ऌ</b>         |            |
| inferior conj        | -565 Oct 12 j 22:56         | 13° <b>≙</b> 05'51  | -0°16'37          | retrograde                | -564 Sep 14 j 14:06       | 5° <b>≙</b> 45'08   |            |
| minimum elong        | -565 Oct 12 j 23:21         | 13° <b>≙</b> 04'30  | 0°16'27           | evening set               | -564 Sep 20 j 14:22       | 3° <b>≙</b> 12'53   |            |
| min. Earth dist.     | -565 Oct 12 j 06:22         | 14° <b>≏</b> 01'36  | 0.67426 AU        |                           | -564 Sep 23 j 15:57       | 30°R, Mp            |            |
| asc. node            | -565 Oct 13 j 18:10         | 12° <b>≏</b> 01'32  |                   | min. Earth dist.          | -564 Sep 24 j 23:13       | 28° <b>m</b> 22'36  | 0.66898 AU |
| morning rise         | -565 Oct 18 j 09:20         | 7° <b>ჲ</b> 00'45   |                   | inferior conj             | -564 Sep 26 j 02:39       | 26° Mp 54'24        | -1°12'10   |
| direct               | -565 Oct 22 j 04:30         | 5° <b>≙</b> 38'11   |                   | minimum elong             | -564 Sep 26 j 04:27       | 26° Mp 48'35        | 1°11'25    |
| morning max el       | -565 Oct 30 j 02:20         | 10° <b>≙</b> 12'53  | 20°24'16          | asc. node                 | -564 Sep 29 j 15:13       | 22° Mp 44'16        |            |
|                      | -565 Nov 14 j 01:14         | 0° <b>M</b> ₊       |                   | morning rise              | -564 Oct 01 j 18:43       | 20° <b>m</b> 57'23  |            |
| desc. node           | -565 Nov 22 j 19:14         | 13°ML10'38          |                   | direct                    | -564 Oct 05 j 02:53       | 19° <b>m</b> 52'52  |            |
| morning set          | -565 Nov 27 j 00:28         | 19° <b>M</b> ₊40'17 |                   | morning max el            | -564 Oct 12 j 06:48       | 23° <b>m</b> 56'40  | 19°22'09   |
|                      | -565 Dec 03 j 14:41         | 0° <b>∡</b> ¹       |                   |                           | -564 Oct 17 j 08:18       | 0∘ <b>⊽</b>         |            |
| max. Earth dist.     | -565 Dec 07 j 01:19         | 5° <b>∡</b> ¹29'45  | 1.43446 AU        | morning set               | -564 Nov 05 j 01:38       | 28° <b>≏</b> 06'49  |            |
|                      |                             |                     |                   |                           | -564 Nov 06 j 06:44       | $0^{\circ}$ M       |            |
| superior conj        | -565 Dec 13 j 02:54         | 15° <b>∡</b> ¹23'26 | -1°49'02          | desc. node                | -564 Nov 08 j 16:17       | 3°M44'16            |            |
| minimum elong        | -565 Dec 12 j 21:12         | 14° <b>₹</b> 59'50  | 1°48'41           | max. Earth dist.          | -564 Nov 18 j 15:19       | 19°M21'46           | 1.44580 AU |
|                      | -565 Dec 21 j 18:05         | 8°0                 |                   |                           |                           |                     |            |
| evening rise         | -565 Dec 25 j 15:19         | 6° <b>ප</b> 45'13   |                   | superior conj             | -564 Nov 21 j 19:59       | 24°M25'55           | -1°19'16   |
|                      | -564 Jan 08 j 17:48         | 0° <b>≈</b>         |                   | minimum elong             | -564 Nov 21 j 11:51       | 23°M53'32           | 1°18'24    |
| asc. node            | -564 Jan 09 j 17:29         | 1° <b>≈</b> 17'25   |                   |                           | -564 Nov 25 j 07:29       | 0° <b>∡</b> ¹       |            |
| evening max el       | -564 Jan 12 j 02:49         | 4° <b>≈</b> 00'37   | 18°09'35          | evening rise              | -564 Dec 06 j 06:21       | 17° <b>∡</b> ¹55'09 |            |
| retrograde           | -564 Jan 18 j 15:21         | 7° <b>≈</b> 26'55   |                   |                           | -564 Dec 13 j 12:59       | 0°ಕ                 |            |
| evening set          | -564 Jan 21 j 10:42         | 6° <b>≈</b> 47'37   |                   | evening max el            | -564 Dec 25 j 15:11       | 17° <b>る</b> 21'25  | 18°27'17   |
| inferior conj        | -564 Jan 27 j 18:02         | 1° <b>≈</b> 35'48   | 3°51'55           | asc. node                 | -564 Dec 26 j 14:29       | 18° <b>る</b> 17'26  |            |
| minimum elong        | -564 Jan 27 j 17:32         | 1° <b>≈</b> 37′06   | 3°51'54           | retrograde                | -563 Jan 01 j 04:33       | 20°る57'31           |            |
|                      | -564 Jan 29 j 06:32         | 30°Ŗる               |                   | evening set               | -563 Jan 04 j 04:45       | 20° <b>る</b> 07'47  |            |
| min. Earth dist.     | -564 Jan 30 j 12:35         | 28° <b>る</b> 42'51  | 0.62527 AU        | inferior conj             | -563 Jan 10 j 03:08       | 14° <b>る</b> 37'03  | 3°39'54    |
| morning rise         | -564 Feb 02 j 23:20         | 25° <b>そ</b> 38'55  |                   | minimum elong             | -563 Jan 10 j 01:07       | 14° <b>る</b> 42'53  | 3°39'38    |
| direct               | -564 Feb 09 j 23:29         | 23° <b>る</b> 01'21  |                   | min. Earth dist.          | -563 Jan 12 j 06:34       | 12° <b>る</b> 08'23  | 0.64285 AU |
| desc. node           | -564 Feb 18 j 18:24         | 26° <b>る</b> 25'32  |                   | morning rise              | -563 Jan 15 j 20:58       | 8° <b>る</b> 32'23   |            |
|                      | -564 Feb 23 j 00:56         | 0° <b>≈</b>         |                   | direct                    | -563 Jan 22 j 18:33       | 5°る41'12            |            |
| morning max el       | -564 Feb 23 j 22:49         | 0° <b>≈</b> 53'02   | 27°46'34          | desc. node                | -563 Feb 04 j 15:27       | 12° <b>る</b> 49'43  |            |
|                      | -564 Mar 16 j 06:13         | 0° <b>∀</b>         |                   | morning max el            | -563 Feb 05 j 07:28       | 13° <b>る</b> 29'06  | 27°25'23   |
| morning set          | -564 Mar 28 j 16:37         | 23° <b>)</b> €02'48 |                   |                           | -563 Feb 18 j 16:08       | 0° <b>≈</b>         |            |
|                      | -564 Apr 01 j 01:26         | $0$ ° $\Upsilon$    |                   |                           | -563 Mar 08 j 19:35       | 0° <b>)</b> €       |            |
| max. Earth dist.     | -564 Apr 03 j 07:23         | 4° <b>Y</b> 46'27   | 1.32778 AU        | morning set               | -563 Mar 12 j 10:57       | 6° <b>¥</b> 59'24   |            |
|                      |                             |                     |                   | max. Earth dist.          | -563 Mar 17 j 08:28       | 16° <b>¥</b> 53'16  | 1.33561 AU |
| superior conj        | -564 Apr 05 j 04:42         | 8° <b>Y</b> 50'37   |                   |                           |                           |                     |            |
| minimum elong        | -564 Apr 05 j 05:27         | 8° <b>Y</b> 54'39   | 0°15'41           | superior conj             | -563 Mar 20 j 10:26       | 23° <b>∺</b> 21'37  | -0°42'28   |
|                      |                             |                     |                   |                           |                           |                     |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 181 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: The               | he year -900 in           | astronomical cour | nting style is the year 9 | 001 BCE in historical cou | inting style.                           | 9          |
|---------------------|--|---------------------------|-------------------|---------------------------|---------------------------|---|------------|
| minimum elong       | -563 Mar 20 j 12:27                        | 23° <b>)</b> 32′20        |                   | superior conj             | -562 Mar 04 j 10:09       | 7° <b>)</b> 29′17                       | -1°08'19   |
|                     | -563 Mar 23 j 13:06                        | $0$ ° $\mathbf{\Upsilon}$ |                   | minimum elong             | -562 Mar 04 j 13:17       | 7° <b>)</b> 45′27                       | 1°07'48    |
| asc. node           | -563 Mar 24 j 13:50                        | 2° <b>Υ</b> 12'18         |                   | asc. node                 | -562 Mar 11 j 10:51       | 22° <b>)</b> €08'26                     |            |
| evening rise        | -563 Mar 27 j 16:00                        | 8° <b>Ƴ</b> 45'37         |                   | evening rise              | -562 Mar 12 j 00:51       | 23° <b>)</b> €20'52                     |            |
| _                   | -563 Apr 07 j 21:32                        | 0°8                       |                   |                           | -562 Mar 15 j 07:32       | $0^{\circ}\mathbf{\Upsilon}$            |            |
| evening max el      | -563 Apr 18 j 04:43                        | 13° <b>8</b> 21'58        | 22°23'12          | evening max el            | -562 Mar 31 j 05:04       | 24° <b>Ƴ</b> 18'49                      | 20°55'47   |
| retrograde          | -563 May 01 j 03:44                        | 19° <b>8</b> 44'09        |                   | retrograde                | -562 Apr 11 j 16:47       | 29° <b>Ƴ</b> 51'44                      |            |
| desc. node          | -563 May 03 j 14:38                        | 19° <b>8</b> 30'50        |                   | evening set               | -562 Apr 13 j 22:44       | 29° <b>Ƴ</b> 39'48                      |            |
| evening set         | -563 May 04 j 02:14                        | 19° <b>8</b> 25'11        |                   | desc. node                | -562 Apr 20 j 11:40       | 27° <b>Ƴ</b> 12'42                      |            |
| min. Earth dist.    | -563 May 12 j 12:14                        |                           | 0.55254 AU        | inferior conj             | -562 Apr 23 j 05:23       | 25° <b>Ƴ</b> 41'47                      | -0°46'56   |
| inferior conj       | -563 May 13 j 11:11                        | 15° <b>8</b> 15'13        |                   | minimum elong             | -562 Apr 23 j 03:10       | 25° <b>Y</b> 44'57                      |            |
| minimum elong       | -563 May 13 j 04:31                        | 15° <b>8</b> 24'40        |                   | min. Earth dist.          | -562 Apr 24 j 01:17       |   | 0.55051 AU |
| morning rise        | -563 May 22 j 08:36                        | 11° <b>8</b> 20'43        | 2 3000            | morning rise              | -562 May 02 j 07:12       | 21° <b>Y</b> 35'01                      | 0.00001110 |
| direct              | -563 May 25 j 04:06                        | 11° <b>8</b> 02'40        |                   | direct                    | -562 May 05 j 14:41       | 21° <b>Υ</b> 11'19                      |            |
| morning max el      | -563 Jun 05 j 17:03                        | 16° <b>8</b> 25'59        | 21°09'05          | morning max el            | -562 May 18 j 15:05       | 27° <b>Υ</b> 26'42                      | 22°43'50   |
| morning max cr      | -563 Jun 16 j 02:02                        | 0° <b>Ⅱ</b>               | 21 09 03          | morning max ci            | -562 May 21 j 03:17       | 0° <b>8</b>                             | 22 43 30   |
| aga mada            | -  | 7° <b>Ⅱ</b> 58'38         |                   | aga mada                  |                           | 27° <b>8</b> 34'09                      |            |
| asc. node           | -563 Jun 20 j 13:06                        |                           |                   | asc. node                 | -562 Jun 07 j 10:09       | 27 <b>O</b> 3409<br>0° <b>I</b>         |            |
| morning set         | -563 Jun 25 j 12:05                        | 17° <b>II</b> 51'23       |                   | . ,                       | -562 Jun 08 j 14:47       |   |            |
|                     | -563 Jul 01 j 07:51                        | 0ංම                       |                   | morning set               | -562 Jun 09 j 22:44       | 2° <b>∏</b> 45'45                       |            |
| superior conj       | -563 Jul 02 j 22:45                        | 3°521'46                  | 1°39'26           | superior conj             | -562 Jun 17 j 02:42       | 18° <b>Ⅱ</b> 00'13                      | 1°26'32    |
| minimum elong       | -563 Jul 02 j 20:48                        | 3°911'44                  |                   | minimum elong             | -562 Jun 17 j 00:13       |   | 1°26'15    |
| max. Earth dist.    | -563 Jul 07 j 03:20                        |                           | 1.35433 AU        | max. Earth dist.          | -562 Jun 19 j 22:58       |   | 1.34096 AU |
|                     | -  | 20°912'42                 | 1.55455 AU        | max. Earth dist.          | -                         | 23 <b>H</b> 39 23                       | 1.34090 AU |
| evening rise        | -563 Jul 11 j 10:31                        | 20 <b>3</b> 12 42         |                   | ovenina riae              | -562 Jun 22 j 21:19       | 0 ୫<br>4°900'17                         |            |
|                     | -563 Jul 16 j 19:08                        |                           |                   | evening rise              | -562 Jun 24 j 21:33       |   |            |
| desc. node          | -563 Jul 30 j 14:00                        | 22° <b>Ω</b> 08′26        |                   | 1 1                       | -562 Jul 09 j 13:31       | 0° <b>N</b>                             |            |
|                     | -563 Aug 05 j 06:03                        | 0° m/                     | 2 (02 42 1        | desc. node                | -562 Jul 17 j 11:01       | 11° <b>Ω</b> 39'20                      | 2501214    |
| evening max el      | -563 Aug 15 j 21:57                        | 12° m/21'06               | 26°34'31          | evening max el            | -562 Jul 29 j 09:44       | 25° <b>Ω</b> 45'58                      | 2/°13'44   |
| retrograde          | -563 Aug 28 j 19:19                        | 19° <b>m</b> 34'45        |                   |                           | -562 Aug 03 j 12:14       | 0° <b>т</b> р                           |            |
| evening set         | -563 Sep 04 j 09:15                        | 16° <b>m</b> 51'37        |                   | retrograde                | -562 Aug 11 j 18:59       | 3° <b>™</b> 05'17                       |            |
| min. Earth dist.    | -563 Sep 08 j 10:35                        |                           | 0.66034 AU        | evening set               | -562 Aug 18 j 19:29       | 0° <b>т</b> 19'29                       |            |
| inferior conj       | -563 Sep 10 j 01:53                        | 10° <b>m</b> ) 40'15      |                   |                           | -562 Aug 19 j 05:07       | 30°R <b>Ω</b>                           |            |
| minimum elong       | -563 Sep 10 j 05:04                        | 10° <b>m</b> 30'39        | 2°06'19           | min. Earth dist.          | -562 Aug 22 j 14:02       |   | 0.64801 AU |
| morning rise        | -563 Sep 16 j 01:17                        | 4° <b>m</b> 54'33         |                   | inferior conj             | -562 Aug 24 j 18:25       | 24° <b>Ω</b> 18'49                      |            |
| asc. node           | -563 Sep 16 j 12:16                        | 4° Mp 40′25               |                   | minimum elong             | -562 Aug 24 j 22:41       | 24° <b>Ω</b> 07'01                      | 2°59'05    |
| direct              | -563 Sep 19 j 00:45                        | 4° Mp 04'33               |                   | morning rise              | -562 Aug 31 j 02:35       | 18° <b>Ω</b> 47'52                      |            |
| morning max el      | -563 Sep 25 j 17:27                        | 7° <b>m</b> 46'41         | 18°35'37          | direct                    | -562 Sep 02 j 19:45       | 18° <b>Ω</b> 08'57                      |            |
|                     | -563 Oct 11 j 05:40                        | 0∘ <b>ত</b>               |                   | asc. node                 | -562 Sep 03 j 09:20       | 18° <b>Ω</b> 10′39                      |            |
| morning set         | -563 Oct 16 j 02:00                        | 7° <b>≏</b> 46'01         |                   | morning max el            | -562 Sep 09 j 08:00       | 21° <b>Ω</b> 38′18                      | 18°05'52   |
| desc. node          | -563 Oct 26 j 13:19                        | 24° <b>£</b> 25'41        |                   |                           | -562 Sep 15 j 18:46       | O° Mp                                   |            |
|                     | -563 Oct 30 j 02:08                        | 0°M.                      |                   | morning set               | -562 Sep 27 j 06:54       | 18° Mp49′02                             |            |
|                     |  |                           |                   |                           | -562 Oct 04 j 00:34       | 0∘ <b>⊽</b>                             |            |
| superior conj       | -563 Oct 31 j 21:02                        | 2°M48'47                  | -0°34'18          |                           |                           |   |            |
| minimum elong       | -563 Oct 31 j 16:32                        | 2°M31'06                  | 0°33'43           | superior conj             | -562 Oct 11 j 03:33       | 11° <b>≏</b> 32'56                      | 0°14'58    |
| max. Earth dist.    | -563 Nov 01 j 09:31                        | 3°M37'52                  | 1.45012 AU        | minimum elong             | -562 Oct 11 j 05:22       | 11° <b>≏</b> 40'09                      | 0°14'43    |
| evening rise        | -563 Nov 16 j 21:42                        | 28°ML06'07                |                   | behind sun begin          | -562 Oct 11 j 00:48       | 11° <b>≙</b> 21'53                      |            |
|                     | -563 Nov 18 j 02:22                        | 0° <b>∡</b> ¹             |                   | behind sun end            | -562 Oct 11 j 09:55       | 11° <b>≏</b> 58'25                      |            |
| greatest brilliancy | -563 Nov 25 j 10:49                        | 11° <b>∡</b> ¹40′13       | -0.8m             | desc. node                | -562 Oct 13 j 10:21       | 15° <b>≙</b> 11'27                      |            |
| ,                   | -563 Dec 08 j 07:36                        | 8°0                       |                   | max. Earth dist.          | -562 Oct 15 j 04:24       | 17° <b>≏</b> 58'08                      | 1.44698 AU |
| evening max el      | -563 Dec 09 j 01:25                        | 0°る47'28                  | 19°02'36          |                           | -562 Oct 22 j 20:32       | 0°M                                     |            |
| asc. node           | -563 Dec 13 j 11:31                        | 4° <b>る</b> 09'28         |                   | evening rise              | -562 Oct 27 j 15:13       | 7°M24'52                                |            |
| retrograde          | -563 Dec 15 j 23:17                        | 4°₹43'34                  |                   | greatest brilliancy       | -562 Nov 10 j 01:11       | 27° <b>M</b> 54'37                      | -0.7m      |
| evening set         | -563 Dec 19 j 05:33                        | 3° <b>ප</b> 41'59         |                   |                           | -562 Nov 11 j 11:02       | 0° <b>√</b>                             |            |
| 8                   | -563 Dec 23 j 04:33                        | 30°R <b>✓</b>             |                   | evening max el            | -562 Nov 22 j 07:27       | 14° <b>₹</b> 15'27                      | 19°53'59   |
| inferior conj       | -563 Dec 24 j 21:32                        | 27° <b>х</b> 54'30        | 3°14'14           | retrograde                | -562 Nov 29 j 20:37       | 18° <b>∡</b> 40'14                      | 1, 0,00    |
| minimum elong       | -563 Dec 24 j 18:47                        | 28° <b>×</b> 103'06       | 3°13'36           | asc. node                 | -562 Nov 30 j 08:33       | 18° <b>∡</b> 38'49                      |            |
| min. Earth dist.    | -563 Dec 26 j 09:51                        | 26° × 00'37               | 0.65676 AU        | evening set               | -562 Dec 03 j 10:39       | 17°×725'05                              |            |
| morning rise        | -563 Dec 30 j 07:46                        | 21° <b>х</b> 44'49        | 3.02370710        | inferior conj             | -562 Dec 08 j 22:20       | 11° 🗷 23'51                             | 2°38'39    |
| direct              | -562 Jan 05 j 19:55                        | 18° <b>₹</b> 54'42        |                   | minimum elong             | -562 Dec 08 j 19:32       | 11° <b>x</b> *23'31'09                  | 2°37'47    |
| morning max el      | -562 Jan 18 j 17:02                        | 26° <b>₹</b> 28'09        | 26°33'48          | min. Earth dist.          | -562 Dec 09 j 21:01       | 11 <b>x</b> 33 09<br>10° <b>x</b> 08'34 | 0.66675 AU |
| morning max ei      | -  | 26° <b>×</b> '28'09       | 20 33 40          |                           | -                         | 5° <b>₹</b> 11'04                       | 0.000/3 AU |
| daga mad-           | -562 Jan 22 j 00:10<br>-562 Jan 22 j 12:29 |                           |                   | morning rise              | -562 Dec 14 j 04:13       |   |            |
| desc. node          | -  | 0°る35'12                  |                   | direct                    | -562 Dec 20 j 02:54       | 2° <b>×</b> 33'11                       | 25020125   |
|                     | -562 Feb 12 j 06:08                        | 0°≈<br>20°≈≈16!22         |                   | morning max el            | -561 Jan 01 j 02:01       | 9° <b>×</b> <sup>7</sup> 39'38          | 25°20'25   |
| morning set         | -562 Feb 23 j 17:44                        | 20°≈16'33                 | 1 24700 411       | desc. node                | -561 Jan 09 j 09:32       | 19° <b>⊀</b> 18'18                      |            |
| max. Earth dist.    | -562 Feb 27 j 22:44                        | 28°≈25'43                 | 1.34799 AU        |                           | -561 Jan 17 j 04:53       | 5°0                                     |            |
|                     | -562 Feb 28 j 17:41                        | 0° <b>ℋ</b>               |                   | . ,                       | -561 Feb 04 j 20:16       | 0°≈                                     |            |
|                     |  |                           |                   | morning set               | -561 Feb 06 j 08:14       | 2° <b>≈</b> 41'02                       |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 182 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| max. Earth dist.               | -561 Feb 10 j 01:44                        | -                                      | 1.36477 AU           | unting style is the year          | -560 Jan 28 j 00:07                        | unting style.<br>0°≈                 |            |
|--------------------------------|--|--|----------------------|-----------------------------------|--|--------------------------------------|------------|
| superior conj                  | -561 Feb 16 j 01:05                        | 21° <b>≈</b> 06'08                     | -1°31'39             | superior conj                     | -560 Jan 30 j 03:33                        | 4° <b>≈</b> 01'37                    | -1°50'05   |
| minimum elong                  | -561 Feb 16 j 04:50                        | 21° <b>≈</b> 24'44                     | 1°31'11              | minimum elong                     | -560 Jan 30 j 06:53                        | 4°≈17'23                             | 1°49'50    |
|                                | -561 Feb 20 j 11:14                        | 0° <b>∀</b>                            |                      | evening rise                      | -560 Feb 08 j 02:43                        | 21° <b>≈</b> 26′26                   |            |
| evening rise                   | -561 Feb 24 j 05:17                        | 7° <b>)</b> € 37'03                    |                      |                                   | -560 Feb 12 j 13:25                        | 0° <b>)</b> €                        |            |
| asc. node                      | -561 Feb 26 j 07:54                        | 11° <b>¥</b> 50′27                     |                      | asc. node                         | -560 Feb 13 j 04:56                        | 1° <b>∺</b> 12'17                    |            |
|                                | -561 Mar 08 j 17:50                        | $0^{\circ}$ Y                          |                      | evening max el                    | -560 Feb 24 j 14:20                        | 18° <b>∺</b> 02'09                   | 18°52'10   |
| evening max el                 | -561 Mar 13 j 16:26                        | 5° <b>Y</b> 51'47                      | 19°44'16             | retrograde                        | -560 Mar 03 j 21:01                        | 22° <b>∺</b> 02'10                   |            |
| retrograde                     | -561 Mar 23 j 11:08                        | 10° <b>Ƴ</b> 33'00                     |                      | evening set                       | -560 Mar 06 j 04:36                        | 21° <b>)</b> 44'38                   |            |
| evening set                    | -561 Mar 25 j 14:36                        | 10° <b>Y</b> ′20′29                    |                      | inferior conj                     | -560 Mar 14 j 01:56                        | 17° <b>∺</b> 26′22                   |            |
| inferior conj                  | -561 Apr 03 j 06:42                        | 6° <b>Y</b> 17'45                      | 1°08'19              | minimum elong                     | -560 Mar 14 j 06:23                        | 17° <b>∺</b> 18'18                   |            |
| minimum elong                  | -561 Apr 03 j 09:31                        | 6° <b>Y</b> 13′20                      | 1°07'23              | min. Earth dist.                  | -560 Mar 17 j 07:56                        |                                      | 0.57320 AU |
| min. Earth dist.               | -561 Apr 05 j 15:29                        | 4° <b>Υ</b> 49'16                      | 0.55796 AU           | morning rise                      | -560 Mar 22 j 05:10                        | 12° <b>升</b> 17'52                   |            |
| desc. node                     | -561 Apr 07 j 08:41                        | 3° <b>Y</b> 48'40                      |                      | desc. node                        | -560 Mar 24 j 05:44                        | 11° <b>)</b> (35'16                  |            |
| morning rise                   | -561 Apr 12 j 02:02                        | 1° <b>Y</b> 41'53                      |                      | direct                            | -560 Mar 27 j 14:37                        | 11° <b>米</b> 07'31                   | 25055115   |
| direct                         | -561 Apr 16 j 07:48                        | 1° <b>Υ</b> 01'51                      | 24024140             | morning max el                    | -560 Apr 10 j 22:12                        | 18° <b>)</b> 35′17                   | 25°5/15    |
| morning max el                 | -561 Apr 30 j 06:52                        |  | 24°24'40             |                                   | -560 Apr 20 j 11:27                        | 0° <b>Υ</b>                          |            |
|                                | -561 May 16 j 08:01                        | 0° <b>と</b><br>17° <b>と</b> 44'41      |                      |                                   | -560 May 07 j 15:06                        | 0° <b>と</b><br>2° <b>と</b> 42'35     |            |
| morning set                    | -561 May 25 j 10:41                        |  |                      | morning set                       | -560 May 08 j 22:17                        | 7° <b>8</b> 30'00                    |            |
| asc. node                      | -561 May 25 j 07:13                        | 17° <b>8</b> 26′25<br>0° <b>Ⅱ</b>      |                      | asc. node                         | -560 May 11 j 04:16                        | / 63000                              |            |
|                                | -561 May 31 j 03:27                        | от                                     |                      |                                   | 5(0 M 15 : 22-1(                           | 17° <b>8</b> 51'20                   | 0°48'19    |
| gunariar agni                  | 561 Jun 01 : 11:12                         | 2°πε2121                               | 1°09'11              | superior conj                     | -560 May 15 j 22:16                        | 17° <b>8</b> 31'20                   |            |
| superior conj<br>minimum elong | -561 Jun 01 j 11:13                        | 2° <b>П</b> 52'21<br>2° <b>П</b> 39'09 | 1°09'11<br>1°08'47   | minimum elong<br>max. Earth dist. | -560 May 15 j 20:20                        | 17° <b>8</b> 4042                    | 1.32568 AU |
| max. Earth dist.               | -561 Jun 01 j 08:47<br>-561 Jun 03 j 03:18 | 2 <b>∏</b> 3909<br>6° <b>∏</b> 28'40   | 1.33143 AU           | max. Earm dist.                   | -560 May 16 j 13:37<br>-560 May 21 j 13:11 | 0°Ⅱ                                  | 1.32308 AU |
| evening rise                   | -561 Jun 08 j 18:50                        | 18° <b>П</b> 18'37                     | 1.55145 AU           | evening rise                      | -560 May 22 j 23:10                        | 0 П<br>2°П57'52                      |            |
| evening rise                   | -561 Jun 14 j 19:08                        | 0°©                                    |                      | evening rise                      | -560 Jun 06 j 15:21                        | 0°95                                 |            |
|                                | -561 Jul 03 j 22:50                        | 0° <b>U</b>                            |                      | desc. node                        | -560 Jun 20 j 05:02                        | 18° <b>©</b> 20'01                   |            |
| desc. node                     | -561 Jul 04 j 08:01                        | 0° <b>Ω</b> 28'56                      |                      | evening max el                    | -560 Jun 23 j 01:36                        | 21°9514'45                           | 27°04'24   |
| evening max el                 | -561 Jul 11 j 19:42                        | 8° <b>Ω</b> 47'44                      | 27°25'09             | retrograde                        | -560 Jul 06 j 23:56                        | 28°932'37                            | 27 0424    |
| retrograde                     | -561 Jul 25 j 12:49                        | 16° <b>Ω</b> 07'41                     | 27 23 07             | evening set                       | -560 Jul 14 j 00:02                        | 26° <b>©</b> 19'34                   |            |
| evening set                    | -561 Aug 01 j 17:47                        | 13° <b>Ω</b> 31'07                     |                      | min. Earth dist.                  | -560 Jul 17 j 15:41                        | 23°936'27                            | 0.61293 AU |
| min. Earth dist.               | -561 Aug 05 j 07:54                        | 10° <b>Ω</b> 27'09                     | 0.63200 AU           | inferior conj                     | -560 Jul 20 j 20:06                        | 20°948'55                            |            |
| inferior conj                  | -561 Aug 08 j 01:33                        | 7°Ω44'09                               |                      | minimum elong                     | -560 Jul 20 j 23:44                        | 20°9540'54                           |            |
| minimum elong                  | -561 Aug 08 j 06:10                        | 7° <b>Ω</b> 32'37                      |                      | morning rise                      | -560 Jul 28 j 01:05                        | 15°956'37                            |            |
| morning rise                   | -561 Aug 14 j 19:42                        | 2° <b>Ω</b> 31'11                      |                      | direct                            | -560 Jul 30 j 12:42                        | 15° <b>©</b> 31'18                   |            |
| direct                         | -561 Aug 17 j 08:55                        | 2° <b>Ω</b> 00′18                      |                      | morning max el                    | -560 Aug 06 j 13:32                        | 19° <b>©</b> 01'03                   | 18°00'18   |
| asc. node                      | -561 Aug 21 j 06:25                        | 3° <b>Ω</b> 13'24                      |                      | asc. node                         | -560 Aug 07 j 03:30                        | 19° <b>©</b> 36'09                   |            |
| morning max el                 | -561 Aug 23 j 23:41                        | 5° <b>Ω</b> 25'26                      | 17°53'47             |                                   | -560 Aug 14 j 14:02                        | $0^{\circ}\Omega$                    |            |
| -                              | -561 Sep 08 j 22:08                        | 0° <b>m</b> y                          |                      | morning set                       | -560 Aug 22 j 12:04                        | 14° <b>Ω</b> 08'27                   |            |
| morning set                    | -561 Sep 09 j 12:13                        | 1° <b>m</b> 01'56                      |                      |                                   | -560 Aug 31 j 05:30                        | 0° <b>m</b> )                        |            |
| superior conj                  | -561 Sep 21 j 09:13                        | 21° <b>m</b> ) 27'02                   | 0°56'48              | superior conj                     | -560 Sep 01 j 18:23                        | 2° <b>m</b> 42'43                    | 1°25'49    |
| minimum elong                  | -561 Sep 21 j 14:11                        | 21° <b>m</b> 47'45                     | 0°56'11              | minimum elong                     | -560 Sep 01 j 22:51                        | 3° <b>™</b> 02'18                    | 1°25'24    |
|                                | -561 Sep 26 j 14:07                        | 0∘ <b>ত</b>                            |                      | max. Earth dist.                  | -560 Sep 09 j 07:04                        | 15° <b>m</b> 33'32                   | 1.42139 AU |
| max. Earth dist.               | -561 Sep 27 j 20:19                        | 2° <b>≙</b> 01'54                      | 1.43695 AU           | evening rise                      | -560 Sep 15 j 11:41                        | 25° M 36'36                          |            |
| desc. node                     | -561 Sep 30 j 07:22                        | 5° <b>≏</b> 58'07                      |                      | desc. node                        | -560 Sep 16 j 04:24                        | 26° Mp 42′54                         |            |
| evening rise                   | -561 Oct 06 j 21:45                        | 16° <b>≏</b> 18'57                     |                      |                                   | -560 Sep 18 j 06:34                        | 0∘ <b>⊽</b>                          |            |
|                                | -561 Oct 15 j 21:30                        | 0° <b>M</b> .                          |                      |                                   | -560 Oct 08 j 19:12                        | $0^{\circ}$ M                        |            |
| evening max el                 | -561 Nov 05 j 07:51                        | 27°M43'10                              | 20°59'03             | evening max el                    | -560 Oct 18 j 02:36                        | 11°ML12'07                           | 22°14'06   |
|                                | -561 Nov 07 j 18:39                        | 0° <b>∡</b> ¹                          |                      | retrograde                        | -560 Oct 27 j 14:03                        | 16°M50′16                            |            |
| retrograde                     | -561 Nov 13 j 18:10                        | 2° <b>∡</b> ¹43'11                     |                      | evening set                       | -560 Nov 01 j 01:42                        | 15°M₀02'26                           |            |
| asc. node                      | -561 Nov 17 j 05:38                        | 1° <b>∡</b> ³34'36                     |                      | asc. node                         | -560 Nov 03 j 02:41                        | 13°M01'53                            |            |
| evening set                    | -561 Nov 17 j 17:58                        | 1° <b>∡</b> 12'35                      |                      | inferior conj                     | -560 Nov 06 j 09:55                        | 8° <b>™</b> 44'07                    | 1°07'11    |
|                                | -561 Nov 19 j 02:44                        | 30°RM.                                 | 1055120              | minimum elong                     | -560 Nov 06 j 08:25                        | 8°M49'19                             | 1°06'34    |
| inferior conj                  | -561 Nov 23 j 03:08                        | 25°M00'58                              | 1°55'39              | min. Earth dist.                  | -560 Nov 06 j 09:46                        | 8°M44'40                             | 0.67610 AU |
| minimum elong                  | -561 Nov 23 j 00:47                        | 25°M09'01                              | 1°54'47              | morning rise                      | -560 Nov 11 j 14:59                        | 2°M31'39                             |            |
| min. Earth dist.               | -561 Nov 23 j 13:48                        | 24°M24'22                              | 0.67309 AU           | direct                            | -560 Nov 16 j 07:34                        | 0°M34'52                             | 22027124   |
| morning rise<br>direct         | -561 Nov 28 j 07:25                        | 18°M47'11                              |                      | morning max el desc. node         | -560 Nov 25 j 21:30                        |                                      | 22°27'34   |
|                                | -561 Dec 03 j 15:03                        | 16°M28'19                              | 22055104             | uesc. Houe                        | -560 Dec 13 j 03:39                        | 28°M33'53<br>0° <del>✓</del>         |            |
| morning max el                 | -561 Dec 14 j 10:38<br>-561 Dec 20 j 16:06 | 22° <b>™</b> 55'27<br>0° <b>∡</b> ¹    | 23 33 U <del>4</del> | morning set                       | -560 Dec 14 j 03:15<br>-560 Dec 29 j 12:16 | 0° <b>x</b> ¹<br>23° <b>x</b> ¹46'32 |            |
| desc. node                     | -561 Dec 27 j 06:35                        | 0° <b>x</b> °<br>8° <b>x</b> 741'36    |                      | morning set                       | -559 Jan 02 j 06:42                        | 23° <b>x</b> '46'32<br>0°る           |            |
| desc. Houc                     | -560 Jan 10 j 13:51                        | 8 x・41 30                              |                      | max. Earth dist.                  | -559 Jan 03 j 17:28                        | 0 8<br>2° <b>る</b> 26'23             | 1.40603 AU |
| morning set                    | -560 Jan 19 j 00:20                        | 0 0<br>13° <b>る</b> 55'36              |                      | max. Duruf dist.                  | 557 Juli 05 J 17.20                        | 2 02023                              | 1.10003 AU |
| max. Earth dist.               | -560 Jan 22 j 21:18                        |  | 1.38485 AU           | superior conj                     | -559 Jan 11 j 12:51                        | 16° <b>る</b> 04'15                   | -2°00'14   |
| Landii dibt.                   | van 22 j 21.10                             |  | 1.10.00110           |                                   | van 11 j 12.01                             | 10 30413                             | _ 0011     |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 183 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | ical year style is used: T | he year -900 in                         | astronomical coun | iting style is the year 9 | 001 BCE in historical cou | nting style.            |            |
|----------------------|----------------------------|---|-------------------|---------------------------|---------------------------|-------------------------|------------|
| minimum elong        | -559 Jan 11 j 14:02        | 16° <b>පි</b> 09'34                     | 2°00'13           | desc. node                | -559 Nov 30 j 00:43       | 18° <b>M</b> .46'56     |            |
|                      | -559 Jan 19 j 02:13        | 0° <b>≈</b>                             |                   |                           | -559 Dec 07 j 08:33       | 0° <b>∡</b> ¹           |            |
| evening rise         | -559 Jan 21 j 14:05        | 4°≈41'40                                |                   | morning set               | -559 Dec 08 j 20:47       | 2° <b>∡</b> 121'30      |            |
| asc. node            | -559 Jan 30 j 01:59        | 20°≈07'09                               |                   | max. Earth dist.          | -559 Dec 16 j 20:46       | 15° <b>∡</b> 108'57     | 1.42534 AU |
| asc. node            | •                          | 0° <b>∀</b>                             |                   | max. Larm dist.           | -337 DCC 10 j 20.40       | 13 × 0037               | 1.42334 AO |
|                      | -559 Feb 06 j 03:13        |   | 10020100          |                           | 550 D 22:22:22            | 270 701107              | 1057150    |
| evening max el       | -559 Feb 06 j 20:11        | 0° <b>)</b> (43′06                      | 18°20'08          | superior conj             | -559 Dec 23 j 23:33       | 27° <b>∡</b> 101'07     |            |
| retrograde           | -559 Feb 14 j 01:36        | 4° <b>)</b> 17'58                       |                   | minimum elong             | -559 Dec 23 j 20:35       | 26° <b>∡</b> ¹48'29     | 1°57'45    |
| evening set          | -559 Feb 16 j 14:16        | 3° <b>¥</b> 52'49                       |                   |                           | -559 Dec 25 j 17:19       | 0°₹                     |            |
|                      | -559 Feb 22 j 20:09        | 30° <b>Ŗ</b> ≈                          |                   | evening rise              | -558 Jan 04 j 11:40       | 17° <b>る</b> 15'11      |            |
| inferior conj        | -559 Feb 23 j 18:10        | 29° <b>≈</b> 14′01                      | 3°29'05           |                           | -558 Jan 11 j 16:02       | 0°≈                     |            |
| minimum elong        | -559 Feb 23 j 21:13        | 29°≈07'34                               | 3°28'37           | asc. node                 | -558 Jan 16 j 23:01       | 8° <b>≈</b> 26'34       |            |
| min. Earth dist.     | -559 Feb 27 j 04:18        | 26° <b>≈</b> 22'08                      | 0.59303 AU        | evening max el            | -558 Jan 21 j 06:51       | 13° <b>≈</b> 45'41      | 18°07'52   |
| morning rise         | -559 Mar 03 j 01:52        | 23° <b>≈</b> 40′26                      |                   | retrograde                | -558 Jan 27 j 22:31       | 17° <b>≈</b> 11'10      |            |
| direct               | -559 Mar 09 j 10:36        | 21°≈52'01                               |                   | evening set               | -558 Jan 30 j 15:34       | 16° <b>≈</b> 37'08      |            |
| desc. node           | -559 Mar 11 j 02:47        | 21°≈59'21                               |                   | inferior conj             | -558 Feb 06 j 05:22       | 10 <b>≈</b> 37 00       | 3°50'32    |
|                      | •                          |   | 27007142          |                           | ·                         |                         |            |
| morning max el       | -559 Mar 23 j 17:52        | 29°≈34'17                               | 2/10642           | minimum elong             | -558 Feb 06 j 06:06       | 11°≈35'07               |            |
|                      | -559 Mar 24 j 04:15        | 0° <b>∀</b>                             |                   | min. Earth dist.          | -558 Feb 09 j 07:24       | 8° <b>≈</b> 38'04       | 0.61391 AU |
|                      | -559 Apr 14 j 07:21        | $0$ ° $\Upsilon$                        |                   | morning rise              | -558 Feb 12 j 19:15       | 5° <b>≈</b> 46'45       |            |
| morning set          | -559 Apr 23 j 07:48        | 17° <b>Ƴ</b> 32'55                      |                   | direct                    | -558 Feb 19 j 16:52       | 3° <b>≈</b> 24'07       |            |
| asc. node            | -559 Apr 28 j 01:18        | 27° <b>Ƴ</b> 39'43                      |                   | desc. node                | -558 Feb 25 j 23:50       | 5° <b>≈</b> 09'09       |            |
|                      | -559 Apr 29 j 02:59        | $8^{\circ}$                             |                   | morning max el            | -558 Mar 05 j 19:52       | 11° <b>≈</b> 13'13      | 27°42'42   |
|                      |                            |   |                   |                           | -558 Mar 20 j 13:47       | 0° <b>₩</b>             |            |
| superior conj        | -559 Apr 30 j 10:02        | 2° <b>8</b> 50'18                       | 0°24'47           |                           | -558 Apr 06 j 11:58       | $0^{\circ}\Upsilon$     |            |
| minimum elong        | -559 Apr 30 j 08:57        | 2° <b>8</b> 44'20                       |                   | morning set               | -558 Apr 07 j 13:22       | 2° <b>Υ</b> 09'18       |            |
| max. Earth dist.     | -559 Apr 30 j 02:27        | 2° <b>8</b> 08'37                       | 1.32363 AU        | max. Earth dist.          | -558 Apr 13 j 14:01       |                         | 1.32524 AU |
|                      |                            |   | 1.32303 AU        | max. Earm uist.           | -336 Apr 13 J 14.01       | 14   33 29              | 1.32324 AU |
| evening rise         | -559 May 07 j 08:00        | 17° <b>8</b> 48'58                      |                   |                           |                           | . ==00 . === =          |            |
|                      | -559 May 13 j 09:29        | 0°Щ                                     |                   | superior conj             | -558 Apr 14 j 20:52       | 17° <b>Y</b> 43′25      |            |
|                      | -559 Jun 02 j 04:05        | 0                                       |                   | minimum elong             | -558 Apr 14 j 20:54       | 17° <b>Ƴ</b> 43'35      | 0°00'39    |
| evening max el       | -559 Jun 05 j 01:20        | 2° <b>©</b> 57'52                       | 26°11'06          | behind sun begin          | -558 Apr 14 j 15:50       | 17° <b>Ƴ</b> 15'54      |            |
| desc. node           | -559 Jun 07 j 02:04        | 4°9547'27                               |                   | behind sun end            | -558 Apr 15 j 01:59       | 18° <b>Ƴ</b> 11'17      |            |
| retrograde           | -559 Jun 19 j 02:28        | 10° <b>©</b> 11'38                      |                   | asc. node                 | -558 Apr 14 j 22:20       | 17° <b>Ƴ</b> 51'27      |            |
| evening set          | -559 Jun 25 j 09:34        | 8° <b>©</b> 34'09                       |                   |                           | -558 Apr 20 j 12:21       | $8^{\circ}$ 0           |            |
| min. Earth dist.     | -559 Jun 29 j 14:14        | 5°\$55'29                               | 0.59241 AU        | evening rise              | -558 Apr 21 j 19:15       | 2° <b>8</b> 44'36       |            |
| inferior conj        | -559 Jul 02 j 22:22        | 3° <b>©</b> 22'49                       |                   | 01411118                  | -558 May 06 j 14:17       | 0°II                    |            |
| minimum elong        | -559 Jul 02 j 23:04        | 3°521'30                                |                   | evening max el            | -558 May 17 j 18:36       | 13° <b>Ⅱ</b> 58'41      | 24°51'13   |
| minimum ciong        |                            |   | 4 41 23           | •                         | , ,                       |                         | 24 31 13   |
|                      | -559 Jul 07 j 21:45        | 30°RⅡ                                   |                   | desc. node                | -558 May 24 j 23:03       | 19° <b>Ⅱ</b> 18'29      |            |
| morning rise         | -559 Jul 10 j 14:47        | 28° <b>∏</b> 52'41                      |                   | retrograde                | -558 May 31 j 18:06       | 21° <b>Ⅱ</b> 04'01      |            |
| direct               | -559 Jul 13 j 02:50        | 28° <b>Ⅲ</b> 31′04                      |                   | evening set               | -558 Jun 05 j 20:07       | 20° <b>Ⅱ</b> 05′10      |            |
|                      | -559 Jul 18 j 00:53        | 0                                       |                   | min. Earth dist.          | -558 Jun 11 j 06:10       | 17° <b>Ⅱ</b> 13'59      | 0.57299 AU |
| morning max el       | -559 Jul 20 j 22:27        | 2° <b>©</b> 15'43                       | 18°26'36          | inferior conj             | -558 Jun 14 j 05:13       | 15° <b>Ⅱ</b> 16'42      | -4°28'17   |
| asc. node            | -559 Jul 25 j 00:33        | 7° <b>©</b> 02'36                       |                   | minimum elong             | -558 Jun 14 j 01:25       | 15° <b>Ⅲ</b> 23′03      | 4°27'51    |
| morning set          | -559 Aug 06 j 01:09        | 27° <b>©</b> 53'41                      |                   | morning rise              | -558 Jun 22 j 09:29       | 11° <b>Ⅱ</b> 07'36      |            |
| Ü                    | -559 Aug 07 j 03:28        | $0^{\circ}\Omega$                       |                   | direct                    | -558 Jun 24 j 23:16       | 10° <b>Ⅱ</b> 48'36      |            |
|                      | 505 11mg 07 J 05.20        | ° 00                                    |                   | morning max el            | -558 Jul 03 j 23:29       | 15° <b>I</b> I00'33     | 19°13'38   |
| superior conj        | -559 Aug 15 j 03:01        | 15° <b>Ω</b> 07'56                      | 10/12/03          | asc. node                 | -558 Jul 11 j 21:36       | 25° <b>I</b> 18'51      | 17 13 30   |
|                      |                            |   |                   | asc. nouc                 | •                         | 0°9                     |            |
| minimum elong        | -559 Aug 15 j 05:24        | 15° <b>Ω</b> 18'55                      |                   |                           | -558 Jul 14 j 15:15       |                         |            |
| max. Earth dist.     | -559 Aug 22 j 12:43        |   | 1.40232 AU        | morning set               | -558 Jul 20 j 23:36       | 12° <b>©</b> 07'28      |            |
|                      | -559 Aug 23 j 11:04        | 0°Щ                                     |                   |                           |                           | _                       |            |
| evening rise         | -559 Aug 26 j 22:54        | 5° Mp 54'05                             |                   | superior conj             | -558 Jul 29 j 05:29       | 28° <b>©</b> 27'12      | 1°47'28    |
| desc. node           | -559 Sep 03 j 01:26        | 17° Mp 21'29                            |                   | minimum elong             | -558 Jul 29 j 05:43       | 28° <b>©</b> 28'21      | 1°47'28    |
|                      | -559 Sep 11 j 10:20        | 0∘ <b>⊽</b>                             |                   |                           | -558 Jul 30 j 00:40       | $0$ $^{\circ}$ $\Omega$ |            |
| evening max el       | -559 Sep 30 j 16:51        | 24° <b>≏</b> 43'24                      | 23°34'08          | max. Earth dist.          | -558 Aug 04 j 15:47       | 10° <b>Ω</b> 34'11      | 1.38225 AU |
|                      | -559 Oct 07 j 12:18        | 0°M                                     |                   | evening rise              | -558 Aug 08 j 11:07       | 17° <b>Ω</b> 22'27      |            |
| retrograde           | -559 Oct 11 j 06:53        | 0°M58'14                                |                   | Č                         | -558 Aug 15 j 23:11       | 0° <b>m</b> )           |            |
| renogrado            | -559 Oct 14 j 18:03        | 30° <b>₹</b> Ω                          |                   | desc. node                | -558 Aug 20 j 22:27       | 7° <b>m</b> ) 49'30     |            |
| evening set          | -559 Oct 16 j 08:11        | 28° <b>£</b> 52'09                      |                   | dese. Hode                | -558 Sep 05 j 19:36       | 0∘ <b>ರ</b><br>∖™ಿ->೨೧  |            |
| •                    | •                          |   |                   |                           |                           |                         | 24952124   |
| asc. node            | -559 Oct 20 j 23:44        | 23° <b>£</b> 29'21                      | 0014147           | evening max el            | -558 Sep 13 j 04:37       | 8° <b>£</b> 17'33       | 24 32 34   |
| inferior conj        | -559 Oct 21 j 16:52        | 22° <b>£</b> 30'51                      | 0°14'47           | retrograde                | -558 Sep 24 j 19:41       | 15° <b>£</b> 03'14      |            |
| minimum elong        | -559 Oct 21 j 16:31        | 22° <b>≏</b> 32'04                      | 0°14'37           | evening set               | -558 Sep 30 j 11:42       | 12° <b>≏</b> 39'32      |            |
| transit middle       | -559 Oct 21 j 16:31        | 22° <b>£</b> 32'04                      | 0°14'37           | min. Earth dist.          | -558 Oct 05 j 01:09       | 7° <b>≏</b> 28'48       | 0.67246 AU |
| transit begin        | -559 Oct 21 j 15:19        | 22° <b>ჲ</b> 36′10                      |                   | inferior conj             | -558 Oct 05 j 22:15       | 6° <b>₽</b> 19'02       | -0°40'05   |
| transit end          | -559 Oct 21 j 17:43        | 22° <b>ჲ</b> 27'58                      |                   | minimum elong             | -558 Oct 05 j 23:14       | 6° <b>£</b> 15'45       | 0°39'39    |
| min. Earth dist.     | -559 Oct 21 j 06:21        | 23° <b>≏</b> 06'50                      | 0.67588 AU        | asc. node                 | -558 Oct 07 j 20:47       | 3° <b>≙</b> 49'25       |            |
| morning rise         | -559 Oct 27 j 00:46        | 16° <b>≏</b> 22'22                      |                   | morning rise              | -558 Oct 11 j 10:51       | 0° <b>£</b> 17'13       |            |
| direct               | -559 Oct 31 j 03:22        | 14° <b>⊆</b> 47'43                      |                   |                           | -558 Oct 11 j 21:26       | 30°R, Mp                |            |
| morning max el       | -559 Nov 08 j 14:08        | 14 <b>≅</b> 47 43<br>19° <b>£</b> 43'59 | 21°06'09          | direct                    | -558 Oct 15 j 01:09       | 29° Mp 02'40            |            |
| morning max er       |                            |   | 21 0009           | ancei                     | -                         |                         |            |
|                      | -559 Nov 17 j 00:49        | 0°M                                     |                   |                           | -558 Oct 18 j 09:11       | 0∘ <b>⊽</b>             |            |
|                      |                            |   |                   |                           |                           |                         |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -558 Oct 22 j 14:23 3°**2**2'34 19°56'06 direct -557 Sep 28 j 23:26 13° m 16'30 morning max el -558 Nov 10 j 21:11 0°M -557 Oct 05 j 21:50 17° **m** 09'57 morning max el 19°00'29 -558 Nov 16 j 21:45 9°M14'20 -557 Oct 15 j 15:15 0∘**⊽** desc. node -558 Nov 17 j 17:27 10°M30'23 morning set -557 Oct 28 j 02:51 19° € 23'48 morning set -558 Nov 29 j 07:49 29°**£**51'48 max. Earth dist.  $28^{\circ}$ MJ41'401.44010 AU desc. node -557 Nov 03 j 18:47  $0^{\circ}$ M -558 Nov 30 j 03:27 0°**∡** -557 Nov 03 j 20:53 max. Earth dist. -557 Nov 12 j 00:04 12°M46'34 1.44846 AU -558 Dec 04 j 07:24 superior conj 6°**х** 42'45 -1°38'39 minimum elong -558 Dec 04 j 00:04 6°**х¹**12'58 1°38'02 superior conj -557 Nov 13 j 15:34 15°M22'14 -1°01'33 14°ML53'19 1°00'41 evening rise -558 Dec 17 j 15:09 28°**₹**′58′05 minimum elong -557 Nov 13 j 08:14 -558 Dec 18 j 05:38 0°ಕ -557 Nov 22 j 20:09 0°**∡**7 -557 Jan 03 j 20:03 25°**る**59'13 asc. node evening rise -557 Nov 28 j 20:24 9°**х**⁴43'36 evening max el -557 Jan 04 j 19:18 27°**る**01'13 18°14'48 -557 Dec 11 j 10:51 0°ರ -557 Jan 08 j 21:20 0°**≈** evening max el -557 Dec 19 j 07:00 10°る24'35 18°40'09 retrograde -557 Jan 11 j 07:09 0°≈30'28 asc. node -557 Dec 21 j 17:05 12°る32'20 -557 Jan 13 j 16:55 30°Rる retrograde -557 Dec 25 j 23:16 14°る08'28 evening set -557 Jan 14 j 04:29 29°る46'48 evening set -557 Dec 29 j 01:46 13°る14'00 inferior conj -557 Jan 20 j 07:37 24°**පි**26'21 3°48'46 inferior conj -556 Jan 03 j 21:08 7°る35'42 3°30'27 minimum elong -557 Jan 20 j 06:23 24°**る**29'45 3°48'41 minimum elong -556 Jan 03 j 18:43 7°る42'57 3°30'02 min. Earth dist. -557 Jan 22 j 19:45 21°る42'16 0.63315 AU min. Earth dist. -556 Jan 05 j 18:01 5°る20'52 0.64921 AU morning rise -557 Jan 26 j 07:33 18°る25'40 morning rise -556 Jan 09 j 11:16 1°る28'19 direct -557 Feb 02 i 07:28 15°る40'49 -556 Jan 11 i 11:29 30°R*x*7 desc. node -557 Feb 12 i 20:53 20°る32'46 direct -556 Jan 16 i 05:21 28° 🗷 35'59 morning max el -557 Feb 16 i 03:02 23°る31'30 27°41'47 -556 Jan 21 j 09:44 0°궁 -557 Feb 21 j 22:40 0°≈ morning max el -556 Jan 29 j 12:38 6°**る**19'55 27°06'41 -557 Mar 13 j 20:12 0°₩ desc. node -556 Jan 30 j 17:58 7°る35'09 -557 Mar 22 j 12:37 16°**¥**22'56 -556 Feb 16 j 18:00 0°≈≈ morning set 27°**)** €20'52 1.33066 AU -556 Mar 05 j 02:34 0°\ 04'29 max. Earth dist. -557 Mar 27 j 20:13 morning set -557 Mar 29 j 02:09  $0^{\circ}\Upsilon$ -556 Mar 05 j 01:39 0° H -556 Mar 09 j 17:05 9°**升**13′26 1.34035 AU max. Earth dist. 2°**Y**23'50 -0°27'09 -557 Mar 30 j 04:59 superior conj -557 Mar 30 j 06:17 -556 Mar 13 j 08:28 minimum elong 2°**Y**30'46 0°26'53 superior conj 16°**¥**45'35 -0°53'38 -557 Apr 01 j 19:22 8°**Υ**00'18 -556 Mar 13 j 10:59 16°**¥**58'51 0°53'09 asc. node minimum elong 17°**Y**37'02 -557 Apr 06 j 07:00 -556 Mar 18 j 16:24 28°\circ 02'20 evening rise asc. node -557 Apr 12 j 10:36 -556 Mar 19 j 14:42  $0^{\circ}\Upsilon$  $0^{\circ}$ 8 2°Y20'17 -557 Apr 29 j 09:11 24°**8**34'46 23°17'23 -556 Mar 20 j 17:28 evening max el evening rise -556 Apr 05 j 12:05 -557 May 07 j 00:06  $\Pi$ °0  $0^{\circ}$ 8 desc. node -557 May 11 j 20:03 1°**I**I16′29 evening max el -556 Apr 10 j 04:18 5°816'58 21°44'20 -557 May 12 j 21:34 1°**Ⅱ**19'02 retrograde -556 Apr 22 j 14:12 11°**8**20'04 retrograde -557 May 16 j 13:01 0°**Ⅱ**49'53 evening set -556 Apr 25 j 03:17 11°805'31 evening set -557 May 18 j 23:58 30°R₩ desc. node -556 Apr 27 j 17:05 10°823'22 min. Earth dist. -557 May 23 j 19:10 27°832'39 0.55791 AU -556 May 04 j 13:08 7°**8**02'21 -1°54'59 inferior conj -557 May 25 j 16:12 26°**8**26'24 -3°32'58 -556 May 04 j 07:55 7°809'41 1°53'13 inferior conj minimum elong -557 May 25 j 09:12 26°836'44 3°31'16 min. Earth dist. -556 May 04 j 08:13 7°**と**09'14 0.55048 AU minimum elong -557 Jun 03 j 08:06 22°**8**31'05 -556 May 13 j 13:30 3°**8**04'52 morning rise morning rise -557 Jun 06 i 00:28 direct 22°813'37 direct -556 May 16 j 12:36 2°845'31 -557 Jun 16 j 14:21 -556 May 28 j 18:13 morning max el 27°807'18 20°21'33 morning max el 8°**8**31'38 21°47'59 -557 Jun 19 i 08:36  $0^{\circ}\Pi$ -556 Jun 12 j 18:40  $0^{\circ}II$ asc. node -557 Jun 28 j 18:38 14°**Ⅱ**13'04 asc. node -556 Jun 14 j 15:40 3°**I**I35'43 morning set -557 Jul 05 j 04:30 26°**Ⅱ**42'04 -556 Jun 18 j 13:36 11°**Ⅲ**30'46 morning set -557 Jul 06 j 19:10 0ಂತಾ -556 Jun 25 j 20:59 26°II53'17 1°34'34 superior conj superior conj -557 Jul 12 j 20:46 12°526'19 1°44'20 -556 Jun 25 j 18:44 26°II41'32 1°34'22 minimum elong minimum elong -557 Jul 12 j 19:26 12°519'31 1°44'17 -556 Jun 27 j 08:52 000 -557 Jul 17 j 21:28 max. Earth dist. 22°523'23 1.36359 AU max. Earth dist. -556 Jun 29 j 11:10 4°917'55 1.34810 AU -557 Jul 21 j 21:21 evening rise 29°955'23 -556 Jul 04 j 00:43 13°9519'49 evening rise -557 Jul 21 j 22:21  $0^{\circ}\Omega$ -556 Jul 13 j 05:49  $0^{\circ}\Omega$ -557 Aug 07 j 19:26 28°**Ω**01'35 -556 Jul 24 j 16:26 17°**Ω**50′12 desc. node desc. node -557 Aug 09 j 03:34 0° m -556 Aug 03 j 01:40 0° m -557 Aug 26 j 15:56 5° m 24'49 26°54'19 evening max el 21° To 53'21 26°01'54 evening max el -556 Aug 08 j 03:41 retrograde -557 Sep 08 j 03:57 29° m 00'31 retrograde -556 Aug 21 j 07:04 12° m/42'44 evening set -557 Sep 14 j 10:22 26° m 22'29 evening set -556 Aug 28 j 01:56 9° m 57'05 min. Earth dist. -557 Sep 18 j 15:50 21° Mp 48'14 0.66569 AU min. Earth dist. -556 Sep 01 j 00:08 6° Mp 00'03 0.65544 AU inferior conj -557 Sep 20 j 00:17 20° m 06'33 -1°35'49 inferior conj -556 Sep 02 j 20:57 3° m 49'34 -2°30'29 minimum elong -557 Sep 20 j 02:41 19° **m** 59'00 1°34'50 minimum elong -556 Sep 03 j 00:38 3° m/38'48 2°29'10 -557 Sep 24 j 17:50 14° m 58'48 -556 Sep 06 j 10:50 30°R€ asc. node -557 Sep 25 j 19:18 14° Mp 14'17 -556 Sep 08 j 23:55 28°**Ω**09'48 morning rise morning rise

| •                   | •                   |                                      | •                | * *                            | 901 BCE in historical cou |   | ge 165     |
|---------------------|---------------------|--------------------------------------|------------------|--------------------------------|---------------------------|---|------------|
| asc. node           | -556 Sep 10 j 14:54 | ne year -900 m<br>27° <b>Ω</b> 33'24 | astronomicai cou | min. Earth dist.               | -555 Aug 14 j 23:53       |   | 0.64161 AU |
|                     |                     | 27° <b>Ω</b> 25'06                   |                  |                                | -555 Aug 17 j 09:52       | $19^{\circ} \Omega 23'39$                     |            |
| direct              | -556 Sep 11 j 20:17 |                                      |                  | inferior conj<br>minimum elong | • •                       | $17^{\circ} 0.2339$ $17^{\circ} \Omega 11'36$ |            |
|                     | -556 Sep 17 j 08:38 | 0°Mp                                 | 10020152         | _                              | -555 Aug 17 j 14:24       |   | 3-20 09    |
| morning max el      | -556 Sep 18 j 10:29 | 1° Mp 01'10                          | 18°20'53         | morning rise                   | -555 Aug 23 j 22:08       | 11° <b>Ω</b> 59'39                            |            |
| morning set         | -556 Oct 07 j 15:22 | 29° m 38'30                          |                  | direct                         | -555 Aug 26 j 13:17       | 11° <b>Ω</b> 24'30                            |            |
|                     | -556 Oct 07 j 20:39 | 0° <b>ʊ</b>                          |                  | asc. node                      | -555 Aug 28 j 11:57       | 11° <b>Ω</b> 43'54                            | 17050126   |
| desc. node          | -556 Oct 20 j 15:48 | 20° <b>£</b> 35′06                   |                  | morning max el                 | -555 Sep 02 j 01:48       | 14° <b>Ω</b> 51'18                            | 17°58'26   |
| :                   | 55( O-t 22 : 16:07  | 229 0 46112                          | 0912100          |                                | -555 Sep 12 j 16:52       | 0° Mp<br>11° Mp 13'11                         |            |
| superior conj       | -556 Oct 22 j 16:07 | 23° <b>£</b> 46'12                   |                  | morning set                    | -555 Sep 19 j 07:23       |   |            |
| minimum elong       | -556 Oct 22 j 14:24 | 23° <b>△</b> 39'23                   | 0°12′56          |                                | -555 Sep 30 j 11:59       | 0∘ <b>⊽</b>                                   |            |
| behind sun begin    | -556 Oct 22 j 07:32 | 23° <b>£</b> 12'17                   |                  |                                | 555 0 4 02 : 07 01        | 20 0 55125                                    | 0024107    |
| behind sun end      | -556 Oct 22 j 21:15 | 24° <b>Ω</b> 06'27                   | 1 44060 ATT      | superior conj                  | -555 Oct 02 j 07:01       | 2° <b>£</b> 55'35                             | 0°34'06    |
| max. Earth dist.    | -556 Oct 24 j 18:22 | 27° <b>Ω</b> 04'12                   | 1.44960 AU       | minimum elong                  | -555 Oct 02 j 10:43       | 3° <b>£</b> 10'34                             |            |
|                     | -556 Oct 26 j 15:05 | 0°M                                  |                  | max. Earth dist.               | -555 Oct 07 j 12:04       | 11° <b>£</b> 18'16                            | 1.44353 AU |
| evening rise        | -556 Nov 08 j 01:40 | 19°M29'30                            |                  | desc. node                     | -555 Oct 07 j 12:49       | 11° <b>£</b> 21'15                            |            |
|                     | -556 Nov 14 j 18:48 | 0° <b>⊼</b>                          | 0.0              | evening rise                   | -555 Oct 18 j 12:29       | 28° <b>£</b> 32'07                            |            |
| greatest brilliancy | -556 Nov 19 j 00:19 | 6° <b>₹</b> 33'24                    | -0.8m            |                                | -555 Oct 19 j 11:19       | 0°M   |            |
| evening max el      | -556 Dec 01 j 15:39 | 23° 🖈 51'24                          | 19°22'41         |                                | -555 Nov 08 j 18:05       | 0° <b>∡</b> ¹                                 |            |
| asc. node           | -556 Dec 07 j 14:08 | 27° <b>∡</b> 50'37                   |                  | evening max el                 | -555 Nov 14 j 19:29       | 7° <b>∡</b> 19'16                             | 20°20'19   |
| retrograde          | -556 Dec 08 j 19:25 | 27° <b>₹</b> 58'57                   |                  | retrograde                     | -555 Nov 22 j 16:56       | 11° <b>≯</b> 758′02                           |            |
| evening set         | -556 Dec 12 j 04:40 | 26° <b>₹</b> 52'01                   |                  | asc. node                      | -555 Nov 24 j 11:13       | 11° <b>∡</b> 740′19                           |            |
| inferior conj       | -556 Dec 17 j 18:36 | 20° <b>₹</b> 58'31                   | 3°00'12          | evening set                    | -555 Nov 26 j 10:55       | 10° <b>∡</b> 36'34                            |            |
| minimum elong       | -556 Dec 17 j 15:45 | 21° <b>∡</b> 07'40                   | 2°59'27          | inferior conj                  | -555 Dec 01 j 21:21       | 4° <b>∡</b> ³30'46                            | 2°21'11    |
| min. Earth dist.    | -556 Dec 19 j 01:01 | 19° <b>∡</b> 20′30                   | 0.66145 AU       | minimum elong                  | -555 Dec 01 j 18:41       | 4° <b>∡</b> ³39'46                            | 2°20'17    |
| morning rise        | -556 Dec 23 j 02:36 | 14° <b>∡</b> °47′08                  |                  | min. Earth dist.               | -555 Dec 02 j 14:47       | 3° <b>∡</b> ³31'55                            | 0.66990 AU |
| direct              | -556 Dec 29 j 09:25 | 12° <b>≯</b> 00'45                   |                  |                                | -555 Dec 05 j 10:00       | 30°RM   |            |
| morning max el      | -555 Jan 10 j 22:01 | 19° <b>≯</b> 25'03                   | 26°04'38         | morning rise                   | -555 Dec 07 j 02:15       | 28°M17'28                                     |            |
| desc. node          | -555 Jan 16 j 15:01 | 25° <b>∡</b> 47'22                   |                  | direct                         | -555 Dec 12 j 18:46       | 25°M46'50                                     |            |
|                     | -555 Jan 19 j 23:15 | 0°₹                                  |                  |                                | -555 Dec 21 j 11:05       | 0° <b>∡</b> ¹                                 |            |
|                     | -555 Feb 08 j 19:32 | 0°≈                                  |                  | morning max el                 | -555 Dec 24 j 06:23       | 2° <b>҂</b> 37′23                             | 24°44'57   |
| morning set         | -555 Feb 16 j 03:10 | 13° <b>≈</b> 01'36                   |                  | desc. node                     | -554 Jan 03 j 12:04       | 14° <b>∡</b> °48'47                           |            |
| max. Earth dist.    | -555 Feb 20 j 02:03 | 20° <b>≈</b> 31'36                   | 1.35458 AU       |                                | -554 Jan 14 j 03:18       | 0°₹   |            |
|                     | -555 Feb 24 j 20:40 | 0° <b>∀</b>                          |                  | morning set                    | -554 Jan 29 j 08:55       | 24° <b>る</b> 58'00                            |            |
|                     |                     |                                      |                  |                                | -554 Feb 01 j 04:18       | 0° <b>≈</b>                                   |            |
| superior conj       | -555 Feb 25 j 04:53 | 0° <b>)</b> 41'38                    |                  | max. Earth dist.               | -554 Feb 02 j 00:53       | 1° <b>≈</b> 33'58                             | 1.37298 AU |
| minimum elong       | -555 Feb 25 j 08:22 | 0° <b>¥</b> 59'19                    | 1°18'07          |                                |                           |   |            |
| evening rise        | -555 Mar 05 j 00:44 | 16° <b>)</b> 48′19                   |                  | superior conj                  | -554 Feb 08 j 15:04       | 14° <b>≈</b> 02'22                            |            |
| asc. node           | -555 Mar 05 j 13:27 | 17° <b>∺</b> 53'15                   |                  | minimum elong                  | -554 Feb 08 j 18:48       | 14° <b>≈</b> 20'34                            | 1°39'51    |
|                     | -555 Mar 11 j 18:43 | $0$ ° $\mathbf{\Upsilon}$            |                  |                                | -554 Feb 16 j 15:45       | 0° <b>∀</b>                                   |            |
| evening max el      | -555 Mar 23 j 09:26 | 16° <b>Ƴ</b> 29'35                   | 20°23'12         | evening rise                   | -554 Feb 17 j 02:32       | 0° <b>¥</b> 53'50                             |            |
| retrograde          | -555 Apr 03 j 03:47 | 21° <b>Y</b> 39'27                   |                  | asc. node                      | -554 Feb 20 j 10:31       | 7° <b>∺</b> 27'25                             |            |
| evening set         | -555 Apr 05 j 07:13 | 21° <b>Y</b> 28'02                   |                  | evening max el                 | -554 Mar 06 j 01:38       | 28° <b>∺</b> 19'20                            | 19°19'43   |
| inferior conj       | -555 Apr 14 j 08:49 | 17° <b>Ƴ</b> 30'18                   | 0°03'48          |                                | -554 Mar 08 j 00:29       | $0$ ° $\mathbf{\gamma}$                       |            |
| minimum elong       | -555 Apr 14 j 08:59 | 17° <b>Ƴ</b> 30′03                   | 0°03'45          | retrograde                     | -554 Mar 15 j 03:33       | 2° <b>Y</b> 40'51                             |            |
| transit middle      | -555 Apr 14 j 08:59 | 17° <b>Y</b> 30'03                   | 0°03'45          | evening set                    | -554 Mar 17 j 08:41       | 2° <b>Y</b> 26'28                             |            |
| transit begin       | -555 Apr 14 j 05:04 | 17° <b>Ƴ</b> 35'48                   |                  |                                | -554 Mar 23 j 00:59       | 30° <b>₹</b> ₩                                |            |
| transit end         | -555 Apr 14 j 12:55 | 17° <b>Y</b> 24'17                   |                  | inferior conj                  | -554 Mar 25 j 16:53       | 28° <b>ℋ</b> 18′07                            | 1°49'59    |
| desc. node          | -555 Apr 14 j 14:09 | 17° <b>Y</b> 22′29                   |                  | minimum elong                  | -554 Mar 25 j 20:52       | 28° <b>∺</b> 11′29                            | 1°48'44    |
| min. Earth dist.    | -555 Apr 15 j 22:06 | 16° <b>Ƴ</b> 35'44                   | 0.55258 AU       | min. Earth dist.               | -554 Mar 28 j 12:55       | 26° <b>∺</b> 26′07                            | 0.56369 AU |
| morning rise        | -555 Apr 23 j 09:14 | 13° <b>Y</b> 12′13                   |                  | desc. node                     | -554 Apr 01 j 11:12       | 24° <b> €</b> 12'53                           |            |
| direct              | -555 Apr 27 j 01:08 | 12° <b>Y</b> 43'00                   |                  | morning rise                   | -554 Apr 03 j 06:17       | 23° <b>∺</b> 28'22                            |            |
| morning max el      | -555 May 10 j 13:00 | 19° <b>Ƴ</b> 19'22                   | 23°26'37         | direct                         | -554 Apr 08 j 00:01       | 22° <b>升</b> 36′57                            |            |
|                     | -555 May 19 j 10:03 | $9^{\circ}$ 8                        |                  | morning max el                 | -554 Apr 22 j 03:41       | 29° <b>)</b> 49′37                            | 25°05'52   |
| asc. node           | -555 Jun 01 j 12:44 | 23° <b>8</b> 19'23                   |                  |                                | -554 Apr 22 j 07:59       | $0^{\circ}\mathbf{\Upsilon}$                  |            |
| morning set         | -555 Jun 03 j 01:03 | 26° <b>8</b> 28'11                   |                  |                                | -554 May 12 j 20:42       | $0^{\circ}S$                                  |            |
|                     | -555 Jun 04 j 17:06 | $\Pi^{\circ}0$                       |                  | morning set                    | -554 May 18 j 13:05       | 11° <b>8</b> 27'28                            |            |
|                     |                     |                                      |                  | asc. node                      | -554 May 19 j 09:47       | 13° <b>8</b> 17'02                            |            |
| superior conj       | -555 Jun 10 j 03:13 | 11° <b>Ⅱ</b> 39'05                   | 1°19'40          |                                |                           |   |            |
| minimum elong       | -555 Jun 10 j 00:41 | 11° <b>Ⅱ</b> 25'34                   |                  | superior conj                  | -554 May 25 j 13:03       | 26° <b>8</b> 34'52                            | 1°00'43    |
| max. Earth dist.    | -555 Jun 12 j 10:45 | 16° <b>Ⅱ</b> 34'56                   | 1.33646 AU       | minimum elong                  | -554 May 25 j 10:47       | 26° <b>8</b> 22'27                            | 1°00'19    |
| evening rise        | -555 Jun 17 j 16:40 | 27° <b>Ⅱ</b> 22'47                   |                  | max. Earth dist.               | -554 May 26 j 18:17       | 29° <b>8</b> 13'46                            | 1.32863 AU |
|                     | -555 Jun 19 j 00:28 | $0$ $\circ$ $\odot$                  |                  |                                | -554 May 27 j 02:49       | $\Pi^{\circ}0$                                |            |
|                     | -555 Jul 06 j 11:59 | $0^{\circ}\Omega$                    |                  | evening rise                   | -554 Jun 01 j 17:21       | 11° <b>Ⅱ</b> 51′26                            |            |
| desc. node          | -555 Jul 11 j 13:27 | 7° <b>Ω</b> 05'29                    |                  |                                | -554 Jun 11 j 05:24       | 0ංම   |            |
| evening max el      | -555 Jul 21 j 15:09 | 18° <b>Ω</b> 42'13                   | 27°22'22         | desc. node                     | -554 Jun 28 j 10:29       | 25° <b>©</b> 32'37                            |            |
| retrograde          | -555 Aug 04 j 04:26 | 26° <b>Ω</b> 02'13                   |                  |                                | -554 Jul 02 j 10:58       | $0^{\circ}\Omega$                             |            |
| evening set         | -555 Aug 11 j 07:33 | 23° <b>Ω</b> 19′03                   |                  | evening max el                 | -554 Jul 03 j 23:56       | 1° <b>Ω</b> 31'16                             | 27°20'20   |
|                     |                     |                                      |                  |                                |                           |   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -554 Jul 17 j 19:15 8°**Ω**49'28 retrograde evening set -553 Jul 06 j 21:27 18°**9**56'14 -554 Jul 24 j 23:32 6°**Ω**21'27 evening set min. Earth dist. -553 Jul 10 j 16:48 16°517'30 0.60435 AU

| evening set  | -554 Jul 24 J 23:32   | 6° <b>3 l</b> 21'27   |   | mın. Earth dist.   | -553 Jul 10 j 16:48   |  | 0.60435 AU  |
|--|---|---|---|--|---|--|---|
| min. Earth dist.   | -554 Jul 28 j 13:28   | 3° <b>Ω</b> 27'56   | 0.62428 AU  | inferior conj  | -553 Jul 14 j 00:07   | 13° <b>©</b> 33'42   | -4°34'21  |
| inferior conj  | -554 Jul 31 j 12:05   | 0° <b>Ω</b> 41'21   | -4°04'50  | minimum elong  | -553 Jul 14 j 02:45   | 13° <b>5</b> 28'13   | 4°34'06   |
| minimum elong  | -554 Jul 31 j 16:30   | 0° <b>£</b> 30′53   |   | morning rise   | -553 Jul 21 j 09:57   | 8°950'58   |   |
| minimum ciong  | 3   |   | 4 03 37   | •  | 3   |  |   |
|  | -554 Aug 01 j 05:39   | 30° <b>₹</b> 5  |   | direct   | -553 Jul 23 j 21:40   | 8° <b>©</b> 27'19  |   |
| morning rise   | -554 Aug 07 j 10:44   | 25° <b>©</b> 36'35  |   | morning max el   | -553 Jul 31 j 05:08   | 12° <b>©</b> 01'32   | 18°09'01  |
| direct   | -554 Aug 09 j 23:07   | 25°508'12   |   | asc. node  | -553 Aug 02 j 06:04   | 14°9513'35   |   |
| asc. node  | -554 Aug 15 j 09:01   | 27°522'13   |   |  | -553 Aug 12 j 05:37   | $0^{\circ}\Omega$  |   |
|  | • •   |   |   |  |   |  |   |
| morning max el   | -554 Aug 16 j 17:01   | 28° <b>©</b> 33'57  | 17°54'10  | morning set  | -553 Aug 16 j 03:19   | 7° <b>Ω</b> 15′05  |   |
|  | -554 Aug 18 j 01:23   | $0^{\circ}\Omega$   |   |  |   |  |   |
| morning set  | -554 Sep 01 j 21:20   | 23° <b>Ω</b> 50'58  |   | superior conj  | -553 Aug 25 j 20:21   | 25° <b>Ω</b> 11'37   | 1°34'11   |
| 8 - 11   | -554 Sep 05 j 07:54   | 0° m/p  |   | minimum elong  | -553 Aug 26 j 00:00   |  | 1°33'54   |
|  | -334 SCP 03 J 07.34   | V III   |   | minimum clong  |   |  | 1 33 34   |
|  |   |   |   |  | -553 Aug 28 j 13:19   | 0° <b>m</b> )  |   |
| superior conj  | -554 Sep 13 j 00:30   | 13° <b>m</b> 24'24  | 1°10'46   | max. Earth dist.   | -553 Sep 02 j 11:16   | 8° <b>m</b> , 27′29  | 1.41356 AU  |
| minimum elong  | -554 Sep 13 j 05:36   | 13° Mp 46'04  | 1°10'12   | evening rise   | -553 Sep 07 j 17:48   | 17° <b>™</b> 09'59   |   |
| max. Earth dist.   | -554 Sep 20 j 02:33   |   | 1.43096 AU  | desc. node   | -553 Sep 11 j 06:52   | 22° m/49'34  |   |
| max. Lattii dist.  |   |   | 1. <del>4</del> 5070 AO   | desc. Hode   |   |  |   |
|  | -554 Sep 23 j 01:55   | 0∘ <b>⊽</b>   |   |  | -553 Sep 15 j 21:54   | 0∘ <b>⊽</b>  |   |
| desc. node   | -554 Sep 24 j 09:51   | 2° <b>≏</b> 07'17   |   |  | -553 Oct 07 j 12:40   | 0° <b>M</b> ₊  |   |
| evening rise   | -554 Sep 27 j 20:00   | 7° <b>£</b> 30'36   |   | evening max el   | -553 Oct 11 j 09:56   | 4°ML16'16  | 22°47'53  |
| 8  | -554 Oct 12 j 18:24   | 0° <b>M</b>   |   | retrograde   | -553 Oct 21 j 08:39   | 10°ML10'47   |   |
|  | •   |   |   | -  |   |  |   |
| evening max el   | -554 Oct 28 j 17:30   | 20°M47'32   | 21°30'05  | evening set  | -553 Oct 26 j 02:00   | 8° <b>M</b> .14'59   |   |
| retrograde   | -554 Nov 06 j 13:53   | 26°ML03'08  |   | asc. node  | -553 Oct 29 j 05:18   | 4°M52'49   |   |
| evening set  | -554 Nov 10 j 18:37   | 24°M25'10   |   | inferior conj  | -553 Oct 31 j 10:13   | 1° <b>M</b> 54'44  | 0°45'18   |
| asc. node  | •   | 23°M56'34   |   | -  |   | 1°M58'20   | 0°44'52   |
|  | -554 Nov 11 j 08:16   |   |   | minimum elong  | -553 Oct 31 j 09:10   |  |   |
| inferior conj  | -554 Nov 16 j 03:11   | 18° <b>M</b> ₊10'19   | 1°35'39   | min. Earth dist.   | -553 Oct 31 j 05:32   | 2°M10'53   | 0.67636 AU  |
| minimum elong  | -554 Nov 16 j 01:10   | 18° <b>M</b> ₊17'19   | 1°34'51   |  | -553 Nov 01 j 19:52   | 30° <b>₽</b> Ω   |   |
| min. Earth dist.   | -554 Nov 16 j 09:05   | 17° <b>m</b> .49'58   | 0.67476 AU  | morning rise   | -553 Nov 05 j 16:16   | 25° <b>≏</b> 43'44   |   |
|  |   |   | 0.07 170 110  | direct   |   |  |   |
| morning rise   | -554 Nov 21 j 07:34   | 11° <b>M</b> 57'06  |   |  | -553 Nov 10 j 02:37   | 23° <b>≏</b> 56'47   |   |
| direct   | -554 Nov 26 j 08:45   | 9° <b>M</b> 47'34   |   | morning max el   | -553 Nov 19 j 04:38   | 29° <b>≏</b> 18'04   | 21°51'53  |
| morning max el   | -554 Dec 06 j 15:33   | 15°M54'39   | 23°17'42  |  | -553 Nov 19 j 20:54   | 0°M₊   |   |
| C  | -554 Dec 18 j 04:48   | 0° <b>∡</b> ¹   |   | desc. node   | -553 Dec 08 j 06:08   | 24°M26'47  |   |
| 1 1  |   |   |   | desc. node   |   |  |   |
| desc. node   | -554 Dec 21 j 09:07   | 4° <b>∡</b> ¹25'24  |   |  | -553 Dec 11 j 23:15   | 0° <b>∡</b> ¹  |   |
|  | -553 Jan 07 j 03:51   | 0°ප   |   | morning set  | -553 Dec 21 j 12:59   | 14° <b>∡</b> ¹52'49  |   |
| morning set  | -553 Jan 10 j 13:35   | 5° <b>る</b> 37'47   |   | max. Earth dist.   | -553 Dec 27 j 19:07   | 25° <b>҂</b> 104'58  | 1.41460 AU  |
|  |   |   |   |  |   |  |   |
| •  | ·   |   | 1 30388 ATT   | max. Latin dist.   | -   |  | 1.11100110  |
| max. Earth dist.   | -553 Jan 14 j 20:18   |   | 1.39388 AU  | max. Lartii dist.  | -553 Dec 27 j 19.07<br>-553 Dec 30 j 17:16  | 0° <b>궁</b>  | 1.11.00110  |
| max. Earth dist.   | -553 Jan 14 j 20:18   | 12° <b>る</b> 56'22  |   |  | -553 Dec 30 j 17:16   | 0°ಕ  |   |
| •  | ·   |   |   | superior conj  | -   |  |   |
| max. Earth dist.   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54  | 12°පි56'22<br>26°පි37'02  | -1°55'38  | superior conj  | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07  | 0°중<br>8°중11'59  | -2°01'02  |
| max. Earth dist.   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34   | 12°පි56'22<br>26°පි37'02<br>26°පි49'24  | -1°55'38  | superior conj<br>minimum elong   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45   | 0°る<br>8°る11'59<br>8°る10'22  | -2°01'02  |
| max. Earth dist. superior conj minimum elong   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22  | 12°る56'22<br>26°る37'02<br>26°る49'24<br>0°≈  | -1°55'38  | superior conj  | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05  | 0°る<br>8°る11'59<br>8°る10'22<br>27°る27'48   | -2°01'02  |
| max. Earth dist.   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34   | 12°පි56'22<br>26°පි37'02<br>26°පි49'24  | -1°55'38  | superior conj<br>minimum elong   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45   | 0°る<br>8°る11'59<br>8°る10'22  | -2°01'02  |
| max. Earth dist. superior conj minimum elong   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22  | 12°る56'22<br>26°る37'02<br>26°る49'24<br>0°≈  | -1°55'38  | superior conj<br>minimum elong   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05  | 0°る<br>8°る11'59<br>8°る10'22<br>27°る27'48   | -2°01'02  |
| max. Earth dist. superior conj minimum elong evening rise  | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35  | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50  | -1°55'38  | superior conj<br>minimum elong<br>evening rise<br>asc. node  | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37  | 0°る<br>8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20   | -2°01'02<br>2°01'02   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01   | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0°¥   | -1°55'38<br>1°55'30   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el  | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21   | 0°る<br>8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22  | -2°01'02  |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el  | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01<br>-553 Feb 17 j 03:14  | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° 升<br>10° 升43'25  | -1°55'38  | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde  | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51  | 0°る<br>8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54   | -2°01'02<br>2°01'02   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01   | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0°¥   | -1°55'38<br>1°55'30   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el  | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21   | 0°る<br>8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22  | -2°01'02<br>2°01'02   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el  | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01<br>-553 Feb 17 j 03:14  | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° 升<br>10° 升43'25  | -1°55'38<br>1°55'30   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde  | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51  | 0°る<br>8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54   | -2°01'02<br>2°01'02   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33  | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° ¥<br>10° ¥43'25<br>14° ¥31'00<br>14° ¥10'24  | -1°55'38<br>1°55'30<br>18°36'04   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj  | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44  | 0°る<br>8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14   | -2°01'02<br>2°01'02<br>18°12'31   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04   | 26°♂37'02<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0°¥<br>10°¥43'25<br>14°¥31'00<br>14°¥10'24<br>9°¥43'18  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04  | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44<br>-552 Feb 16 j 23:49   | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34   | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04<br>-553 Mar 07 j 01:10  | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° ₩<br>10° ₩43'25<br>14° ₩31'00<br>14° ₩10'24<br>9° ₩43'18<br>9° ₩35'21  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44<br>-552 Feb 16 j 23:49<br>-552 Feb 20 j 05:29  | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34<br>18°≈48'14  | -2°01'02<br>2°01'02<br>18°12'31   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04<br>-553 Mar 07 j 01:10<br>-553 Mar 10 j 06:27   | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° ₭<br>10° ₭43'25<br>14° ₭31'00<br>14° ₭10'24<br>9° ₭43'18<br>9° ₭35'21<br>7° ₭07'09   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04  | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44<br>-552 Feb 16 j 23:49<br>-552 Feb 20 j 05:29<br>-555 Feb 23 j 21:24   | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34   | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04<br>-553 Mar 07 j 01:10  | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° ₩<br>10° ₩43'25<br>14° ₩31'00<br>14° ₩10'24<br>9° ₩43'18<br>9° ₩35'21  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44<br>-552 Feb 16 j 23:49<br>-552 Feb 20 j 05:29  | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34<br>18°≈48'14  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04<br>-553 Mar 07 j 01:10<br>-553 Mar 10 j 06:27<br>-553 Mar 14 j 16:05   | 26° る37'02<br>26° る49'24<br>0° ≈<br>14° ≈29'55<br>26° ≈38'50<br>0° 米<br>10° ¥43'25<br>14° ¥31'00<br>14° ¥10'24<br>9° ¥43'18<br>9° ¥35'21<br>7° ¥07'09<br>4° ¥23'04  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44<br>-552 Feb 16 j 23:49<br>-552 Feb 20 j 05:29<br>-552 Feb 23 j 21:24<br>-552 Mar 01 j 12:45  | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34<br>18°≈48'11<br>16°≈04'18   | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node  | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04<br>-553 Mar 07 j 01:10<br>-553 Mar 10 j 06:27<br>-553 Mar 14 j 16:05<br>-553 Mar 19 j 08:15  | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° ₭<br>10° ₭43'25<br>14° ₭10'24<br>9° ₭43'18<br>9° ₭35'21<br>7° ₭07'09<br>4° ₭23'04<br>3° ₭00'41   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>desc. node   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 23:49<br>-552 Feb 20 j 05:29<br>-552 Feb 23 j 21:24<br>-552 Mar 01 j 12:45<br>-552 Mar 05 j 05:18  | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34<br>18°≈48'14<br>16°≈04'18<br>14°≈00'18  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 09 j 06:01<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04<br>-553 Mar 07 j 01:10<br>-553 Mar 10 j 06:27<br>-553 Mar 14 j 16:05<br>-553 Mar 19 j 08:15<br>-553 Mar 20 j 12:16  | 12°♂56'22 26°♂37'02 26°♂49'24 0°≈ 14°≈29'55 26°≈38'50 0°ℋ 10°ℋ43'25 14°ℋ31'00 14°ℋ10'24 9°ℋ43'18 9°ℋ35'21 7°ℋ07'09 4°ℋ23'04 3°ℋ00'41 2°ℋ57'14   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44<br>-552 Feb 20 j 05:29<br>-552 Feb 23 j 21:24<br>-552 Mar 01 j 12:45<br>-552 Mar 05 j 05:18<br>-552 Mar 15 j 19:02   | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34<br>18°≈48'14<br>16°≈04'18<br>14°≈00'18<br>14°≈36'22<br>21°≈46'59  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node  | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04<br>-553 Mar 07 j 01:10<br>-553 Mar 10 j 06:27<br>-553 Mar 14 j 16:05<br>-553 Mar 19 j 08:15  | 12°♂56'22<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° ₭<br>10° ₭43'25<br>14° ₭10'24<br>9° ₭43'18<br>9° ₭35'21<br>7° ₭07'09<br>4° ₭23'04<br>3° ₭00'41   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>desc. node   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 23:49<br>-552 Feb 20 j 05:29<br>-552 Feb 23 j 21:24<br>-552 Mar 01 j 12:45<br>-552 Mar 05 j 05:18  | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34<br>18°≈48'14<br>16°≈04'18<br>14°≈00'18  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -553 Jan 14 j 20:18<br>-553 Jan 22 j 10:54<br>-553 Jan 22 j 13:34<br>-553 Jan 24 j 06:22<br>-553 Jan 31 j 20:08<br>-553 Feb 07 j 07:35<br>-553 Feb 17 j 03:14<br>-553 Feb 24 j 21:44<br>-553 Feb 27 j 07:33<br>-553 Mar 06 j 21:04<br>-553 Mar 07 j 01:10<br>-553 Mar 10 j 06:27<br>-553 Mar 19 j 08:15<br>-553 Mar 20 j 12:16<br>-553 Apr 03 j 20:31   | 12°♂56'22 26°♂37'02 26°♂49'24 0°≈ 14°≈29'55 26°≈38'50 0°ℋ 10°ℋ43'25 14°ℋ31'00 14°ℋ10'24 9°ℋ43'18 9°ℋ35'21 7°ℋ07'09 4°ℋ23'04 3°ℋ00'41 2°ℋ57'14   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>desc. node   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44<br>-552 Feb 16 j 23:49<br>-552 Feb 20 j 05:29<br>-552 Feb 23 j 21:24<br>-552 Mar 01 j 12:45<br>-552 Mar 05 j 05:18<br>-552 Mar 15 j 19:02<br>-552 Mar 23 j 00:05   | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈41'34<br>18°≈48'14<br>16°≈04'18<br>14°≈00'18<br>14°≈36'22<br>21°≈46'59  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 14 j 16:05 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27  | 12°♂56'22 26°♂37'02 26°♂49'24 0°≈ 14°≈29'55 26°≈38'50 0° ℋ 10° ℋ43'25 14° ℋ31'00 14° ℋ10'24 9° ℋ43'18 9° ℋ35'21 7° ℋ07'09 4° ℋ23'04 3° ℋ00'41 2° ℋ57'14 10° ℋ31'47 0° ℉   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU   | superior conj<br>minimum elong<br>evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set<br>inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>desc. node<br>morning max el   | -553 Dec 30 j 17:16<br>-552 Jan 04 j 11:07<br>-552 Jan 04 j 10:45<br>-552 Jan 15 j 02:05<br>-552 Jan 16 j 11:03<br>-552 Jan 25 j 04:37<br>-552 Jan 31 j 11:21<br>-552 Feb 07 j 09:51<br>-552 Feb 10 j 00:16<br>-552 Feb 16 j 21:44<br>-552 Feb 16 j 23:49<br>-552 Feb 20 j 05:29<br>-552 Feb 23 j 21:24<br>-552 Mar 01 j 12:45<br>-552 Mar 05 j 05:18<br>-552 Mar 15 j 19:02<br>-552 Mar 23 j 00:05<br>-552 Apr 10 j 17:53  | 8°♂11'59<br>8°♂10'22<br>27°♂27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈46'14<br>18°≈48'14<br>16°≈04'18<br>14°≈36'22<br>21°≈46'59<br>0°℃  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 10 j 06:27 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 03 j 00:02  | 26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° ¥<br>10° ¥43'25<br>14° ¥31'00<br>14° ¥10'24<br>9° ¥43'18<br>9° ¥35'21<br>7° ¥07'09<br>4° ¥23'04<br>3° ¥00'41<br>2° ¥57'14<br>10° ¥31'47<br>0° \$\$\text{\$\tex{ | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU   | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08  | 8°る11'59<br>8°る10'22<br>27°る27'48<br>0°≈<br>15°≈19'20<br>23°≈33'22<br>27°≈02'54<br>26°≈34'14<br>21°≈46'14<br>21°≈46'14<br>118°≈48'14<br>16°≈04'18<br>14°≈36'22<br>21°≈46'59<br>0°升<br>0°介  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU   |
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| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 10 j 06:27 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 03 j 00:02  | 26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0° ¥<br>10° ¥43'25<br>14° ¥31'00<br>14° ¥10'24<br>9° ¥43'18<br>9° ¥35'21<br>7° ¥07'09<br>4° ¥23'04<br>3° ¥00'41<br>2° ¥57'14<br>10° ¥31'47<br>0° \$\$\text{\$\tex{ | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU   | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08  | 8°る11'59 8°る10'22 27°る27'48 0°≈ 15°≈19'20 23°≈33'22 27°≈02'54 26°≈34'14 21°≈46'14 21°≈41'34 18°≈48'14 16°≈04'18 14°≈36'22 21°≈46'59 0°升 0°介 11°介08'13 23°介34'41  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set  | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 14 j 16:05 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 03 j 00:02 -553 May 04 j 17:01  | 26° る37'02<br>26° る49'24<br>0° ≈<br>14° ≈29'55<br>26° ≈38'50<br>0° ¥<br>10° ¥43'25<br>14° ¥31'00<br>14° ¥10'24<br>9° ¥43'18<br>9° ¥35'21<br>7° ¥07'09<br>4° ¥23'04<br>3° ¥00'41<br>2° ¥57'14<br>10° ¥31'47<br>0° ♀  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU   | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node  | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 03:54  | 8°♂11'59 8°♂10'22 27°♂27'48 0°≈ 15°≈19'20 23°≈33'22 27°≈02'54 26°≈34'14 21°≈46'14 21°≈46'14 16°≈04'18 14°≈36'22 21°≈46'59 0°升 0°Ŷ 11°Ŷ08'13 23°Ŷ34'41  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU   |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 14 j 16:05 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 04 j 17:01 -553 May 06 j 06:51  | 26° る37'02<br>26° る49'24<br>0° ≈<br>14° ≈29'55<br>26° ≈38'50<br>0° 米<br>10° ¥43'25<br>14° ¥31'00<br>14° ¥10'24<br>9° ¥43'18<br>9° ¥35'21<br>7° ¥07'09<br>4° ¥23'04<br>3° ¥00'41<br>2° ¥57'14<br>10° ¥31'47<br>0° Ŷ<br>26° Ŷ22'59<br>0° 酱<br>3° 巻23'39   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23                                     | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist.   | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 03:54 -552 Apr 22 j 19:01  | 8°る11'59 8°る10'22 27°る27'48 0°≈ 15°≈19'20 23°≈33'22 27°≈02'54 26°≈34'14 21°≈46'14 21°≈41'34 18°≈48'14 16°≈00'18 14°≈36'22 21°≈46'59 0°升 0°介 11°介08'13 23°介34'41 24°介57'16  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34                                     |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 14 j 16:05 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 May 04 j 17:01 -553 May 06 j 06:51  | 12°る56'22 26°る37'02 26°る49'24 0°≈ 14°≈29'55 26°≈38'50 0° 米 10° 光43'25 14° 光31'00 14° 光10'24 9° 光43'18 9° 光35'21 7° 光07'09 4° 光23'04 3° 光00'41 2° 光57'14 10° 光31'47 0° Y 26° Y22'59 0° 数 3° 数23'39   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23                                     | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj   | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 03:54 -552 Apr 22 j 19:01  | 8°♂11'59 8°♂10'22 27°♂27'48 0°≈ 15°≈19'20 23°≈33'22 27°≈02'54 26°≈34'14 21°≈46'14 21°≈41'34 18°≈48'14 16°≈04'18 14°≈00'18 14°≈36'22 21°≈46'59 0°升 0°Υ 11°Υ08'13 23°Υ34'41 24°Υ57'16  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34                                     |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong  | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 06 j 21:04 -553 Mar 10 j 06:27 -553 Mar 10 j 06:27 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 04 j 17:01 -553 May 06 j 06:51 -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 09 j 23:00  | 26° る37'02<br>26° る49'24<br>0° ≈<br>14° ≈29'55<br>26° ≈38'50<br>0° 光<br>10° 光43'25<br>14° 光31'00<br>14° 光10'24<br>9° 光43'18<br>9° 光35'21<br>7° 光07'09<br>4° 光23'04<br>3° 光00'41<br>2° 光57'14<br>10° 光31'47<br>0° Y<br>26° Y22'59<br>0° 数<br>3° 823'39   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23                                     | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong   | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 03:54 -552 Apr 22 j 19:01  -552 Apr 23 j 11:32   | 8°♂11'59 8°♂10'22 27°♂27'48 0°≈ 15°≈19'20 23°≈33'22 27°≈02'54 26°≈34'14 21°≈46'14 21°≈46'14 16°≈04'18 14°≈00'18 14°≈36'22 21°≈46'59 0°∀ 11°Y08'13 23°Y34'41 24°Y57'16  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34                                     |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 14 j 16:05 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 May 04 j 17:01 -553 May 06 j 06:51  | 26°♂37'02<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0°¥<br>10°¥43'25<br>14°¥10'24<br>9°¥43'18<br>9°¥35'21<br>7°¥07'09<br>4°¥23'04<br>3°¥00'41<br>2°¥57'14<br>10°¥31'47<br>0°Y<br>26°Y22'59<br>0°8<br>3°♂23'39   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23                                     | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj   | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 03:54 -552 Apr 22 j 19:01  | 8°♂11'59 8°♂10'22 27°♂27'48 0°≈ 15°≈19'20 23°≈33'22 27°≈02'54 26°≈34'14 21°≈46'14 21°≈41'34 18°≈48'14 16°≈04'18 14°≈00'18 14°≈36'22 21°≈46'59 0°升 0°Υ 11°Υ08'13 23°Υ34'41 24°Υ57'16  | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34                                     |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.                         | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 10 j 06:27 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 04 j 17:01 -553 May 06 j 06:51  -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 10 j 00:18   | 26°♂37'02<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0°¥<br>10°¥43'25<br>14°¥10'24<br>9°¥43'18<br>9°¥35'21<br>7°¥07'09<br>4°¥23'04<br>3°¥00'41<br>2°¥57'14<br>10°¥31'47<br>0°Y<br>26°Y22'59<br>0°8<br>3°♂23'39<br>11°♂34'17<br>11°∀25'25<br>12°∀05'30  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23                                     | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong behind sun begin  | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 19:01  -552 Apr 23 j 11:32 -552 Apr 23 j 11:32 -552 Apr 23 j 09:14   | 8°\dagger 11'59 8°\dagger 10'22 27°\dagger 27'48 0°\dagger 15'\dagger 19'20 23'\dagger 33'22 27'\dagger 202'54 26'\dagger 34'14 21'\dagger 46'14 21'\dagger 46'14 16'\dagger 04'18 14'\dagger 36'22 21'\dagger 46'59 0'\dagger 0'\dagger 10'\dagger 90'\dagger 90'\dagger 10'\dagger 90'\dagger 90'\dagge | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34                                     |
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| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.                         | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 10 j 06:27 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 04 j 17:01 -553 May 06 j 06:51  -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 10 j 00:18 -553 May 16 j 23:52 -553 May 18 j 15:16   | 26° る37'02<br>26° る49'24<br>0° ≈<br>14° ≈29'55<br>26° ≈38'50<br>0° 米<br>10° 米43'25<br>14° 米31'00<br>14° 米10'24<br>9° 米43'18<br>9° 米35'21<br>7° 米07'09<br>4° 米23'04<br>3° 米00'41<br>2° 米57'14<br>10° 米31'47<br>0° Y<br>26° Y22'59<br>0° と<br>3° と23'39   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23                                     | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong behind sun begin behind sun end                               | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 15 j 02:05 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 19:01  -552 Apr 23 j 12:11 -552 Apr 23 j 11:32 -552 Apr 23 j 13:51 -552 Apr 25 j 02:15   | 8°\dagger 11'59 8°\dagger 10'22 27°\dagger 27'48 0°\dagger 15'\dagger 19'20 23'\dagger 33'22 27'\dagger 20'54 26'\dagger 34'14 21'\dagger 46'14 21'\dagger 46'14 16'\dagger 40'18 14'\dagger 36'22 21'\dagger 46'59 0'\dagger 10'\dagger 30'\dagger 46'59 0'\dagger 10'\dagger 30'\dagger 34'41 24'\dagger 57'16 26'\dagger 31'16 26'\dagger 27'46 26'\dagger 40'26 0'\dagger 60'\dagger 60'\dagg | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34                                     |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise            | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 14 j 16:05 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 04 j 17:01 -553 May 06 j 06:51  -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 10 j 00:18 -553 May 16 j 23:52 -553 May 18 j 15:16 -553 Jun 04 j 19:29   | 26°♂37'02<br>26°♂37'02<br>26°♂49'24<br>0°≈<br>14°≈29'55<br>26°≈38'50<br>0°ℋ<br>10°ℋ43'25<br>14°ℋ31'00<br>14°ℋ10'24<br>9°ℋ43'18<br>9°ℋ35'21<br>7°ℋ07'09<br>4°ℋ23'04<br>3°ℋ00'41<br>2°ℋ57'14<br>10°ℋ31'47<br>0°Ƴ<br>26°℉22'59<br>0°℧<br>3°℧23'39<br>11°♂34'17<br>11°♂5'25'25<br>12°♂5'30<br>26°♂36'24   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23                                     | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong behind sun begin  | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 15 j 02:05 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 19:01  -552 Apr 23 j 11:32 -552 Apr 23 j 11:32 -552 Apr 23 j 09:14 -552 Apr 23 j 13:51   | 8°\dagger 11'59 8°\dagger 10'22 27°\dagger 27'48 0°\dagger 15'\dagger 19'20 23'\dagger 33'22 27'\dagger 20'54 26'\dagger 34'14 21'\dagger 46'14 21'\dagger 46'14 16'\dagger 46'14 14'\dagger 36'22 21'\dagger 46'59 0°\dagger 10'\dagger 34'41 24'\dagger 57'16 26'\dagger 31'16 26'\dagger 27'46 26'\dagger 15'06 26'\dagger 40'26 0°\dagger 11'\dagger 29'50   | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34                                     |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist.                         | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 10 j 06:27 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 04 j 17:01 -553 May 06 j 06:51  -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 10 j 00:18 -553 May 16 j 23:52 -553 May 18 j 15:16   | 26° る37'02<br>26° る49'24<br>0° ≈<br>14° ≈29'55<br>26° ≈38'50<br>0° 米<br>10° 米43'25<br>14° 米31'00<br>14° 米10'24<br>9° 米43'18<br>9° 米35'21<br>7° 米07'09<br>4° 米23'04<br>3° 米00'41<br>2° 米57'14<br>10° 米31'47<br>0° Y<br>26° Y22'59<br>0° と<br>3° と23'39   | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23                                     | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong behind sun begin behind sun end                               | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 15 j 02:05 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 19:01  -552 Apr 23 j 12:11 -552 Apr 23 j 11:32 -552 Apr 23 j 13:51 -552 Apr 25 j 02:15   | 8°\dagger 11'59 8°\dagger 10'22 27°\dagger 27'48 0°\dagger 15'\dagger 19'20 23'\dagger 33'22 27'\dagger 20'54 26'\dagger 34'14 21'\dagger 46'14 21'\dagger 46'14 16'\dagger 40'18 14'\dagger 36'22 21'\dagger 46'59 0'\dagger 10'\dagger 30'\dagger 46'59 0'\dagger 10'\dagger 30'\dagger 34'41 24'\dagger 57'16 26'\dagger 31'16 26'\dagger 27'46 26'\dagger 40'26 0'\dagger 60'\dagger 60'\dagg | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34                                     |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  superior conj minimum elong max. Earth dist. evening rise  desc. node | -553 Jan 22 j 10:54 -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 14 j 16:05 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 03 j 00:02 -553 May 04 j 17:01 -553 May 06 j 06:51 -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 10 j 00:18 -553 May 10 j 06:18 -553 May 10 j 06:18 -553 May 16 j 23:52 -553 May 18 j 15:16 -553 Jun 04 j 19:29 -553 Jun 15 j 07:31 | 26° ス37'02 26° ス49'24 0°≈ 14°≈29'55 26°≈38'50 0° 光 10° 光43'25 14° 光31'00 14° 光10'24 9° 光43'18 9° 光35'21 7° 光07'09 4° 光23'04 3° 光00'41 2° 光57'14 10° 光31'47 0° Ŷ 26° Ŷ22'59 0° ௧ 3° ௧23'39 11° ௧34'17 11° ௧25'25 12° ௧05'30 26° ௧36'24 0° Ⅱ 0°© 12°©\$51'23  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23<br>0°38'39<br>0°38'18<br>1.32445 AU | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist.  superior conj minimum elong behind sun begin behind sun end  evening rise                | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 19:01  -552 Apr 23 j 11:32 -552 Apr 23 j 12:11 -552 Apr 23 j 13:51 -552 Apr 25 j 02:15 -552 Apr 30 j 09:56 -552 May 09 j 21:12 | 8°\delta11'59 8°\delta11'59 8°\delta10'22 27°\delta27'48 0°\delta 15°\delta19'20 23°\delta33'22 27°\delta02'54 26°\delta34'14 21°\delta41'34 18°\delta41'34 18°\delta41'18 14°\delta00'18 14°\delta00'18 14°\delta36'22 21°\delta46'59 0°\delta 0°\delta 11°\delta98'13 23°\delta34'14 24°\delta57'16 26°\delta27'46 26°\delta15'06 26°\delta15'06 26°\delta40'26 0°\delta 11°\delta29'50 0°\delta   | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34<br>1.32379 AU<br>0°14'12<br>0°14'04 |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise             | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 10 j 06:27 -553 Mar 10 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 03 j 00:02 -553 May 04 j 17:01 -553 May 06 j 06:51  -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 10 j 00:18 -553 May 16 j 23:52 -553 May 18 j 15:16 -553 Jun 04 j 19:29 -553 Jun 15 j 07:31 -553 Jun 16 j 03:18                   | 26° ス37'02 26° ス49'24 0°≈ 14°≈29'55 26°≈38'50 0° 光 10° 光43'25 14° 光31'00 14° 光10'24 9° 光43'18 9° 光35'21 7° 光07'09 4° 光23'04 3° 光00'41 2° 光57'14 10° 光31'47 0° Ŷ 26° Ŷ22'59 0° と 3° と23'39 11° と34'17 11° と25'25 12° と05'30 26° と36'24 0° Ⅱ 0°  12°  12°  13°  13°  13°  13°  13°  13°  13°  13  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23<br>0°38'39<br>0°38'18<br>1.32445 AU | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist.  superior conj minimum elong behind sun begin behind sun end  evening rise evening max el | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 22 j 03:54 -552 Apr 22 j 19:01  -552 Apr 23 j 11:32 -552 Apr 23 j 13:51 -552 Apr 23 j 13:51 -552 Apr 30 j 09:56 -552 May 09 j 21:12 -552 May 27 j 23:53 | 8°311'59 8°310'22 27°327'48 0°\$ 15°\$19'20 23°\$33'22 27°\$02'54 26°\$34'14 21°\$46'14 21°\$41'34 18°\$48'14 16°\$04'18 14°\$36'22 21°\$46'59 0°\$\tau\$ 0°\$\tau\$ 10°\$7'31'16 26°\$731'16 26°\$731'16 26°\$740'26 0°\$\tau\$ 11°\$29'50 0°\$\tau\$ 25°\$\$103'03   | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34<br>1.32379 AU<br>0°14'12<br>0°14'04 |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  superior conj minimum elong max. Earth dist. evening rise  desc. node | -553 Jan 22 j 10:54 -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 14 j 16:05 -553 Mar 19 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 03 j 00:02 -553 May 04 j 17:01 -553 May 06 j 06:51 -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 10 j 00:18 -553 May 10 j 06:18 -553 May 10 j 06:18 -553 May 16 j 23:52 -553 May 18 j 15:16 -553 Jun 04 j 19:29 -553 Jun 15 j 07:31 | 26° ス37'02 26° ス49'24 0°≈ 14°≈29'55 26°≈38'50 0° 光 10° 光43'25 14° 光31'00 14° 光10'24 9° 光43'18 9° 光35'21 7° 光07'09 4° 光23'04 3° 光00'41 2° 光57'14 10° 光31'47 0° Ŷ 26° Ŷ22'59 0° ௧ 3° ௧23'39 11° ௧34'17 11° ௧25'25 12° ௧05'30 26° ௧36'24 0° Ⅱ 0°© 12°©\$51'23  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23<br>0°38'39<br>0°38'18<br>1.32445 AU | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist.  superior conj minimum elong behind sun begin behind sun end  evening rise                | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 16 j 08:08 -552 Apr 22 j 19:01  -552 Apr 23 j 11:32 -552 Apr 23 j 12:11 -552 Apr 23 j 13:51 -552 Apr 25 j 02:15 -552 Apr 30 j 09:56 -552 May 09 j 21:12 | 8°\delta11'59 8°\delta11'59 8°\delta10'22 27°\delta27'48 0°\delta 15°\delta19'20 23°\delta33'22 27°\delta02'54 26°\delta34'14 21°\delta41'34 18°\delta41'34 18°\delta41'18 14°\delta00'18 14°\delta00'18 14°\delta36'22 21°\delta46'59 0°\delta 0°\delta 11°\delta98'13 23°\delta34'14 24°\delta57'16 26°\delta27'46 26°\delta15'06 26°\delta15'06 26°\delta40'26 0°\delta 11°\delta29'50 0°\delta   | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34<br>1.32379 AU<br>0°14'12<br>0°14'04 |
| max. Earth dist.  superior conj minimum elong  evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise             | -553 Jan 14 j 20:18  -553 Jan 22 j 10:54 -553 Jan 22 j 13:34 -553 Jan 24 j 06:22 -553 Jan 31 j 20:08 -553 Feb 07 j 07:35 -553 Feb 09 j 06:01 -553 Feb 17 j 03:14 -553 Feb 24 j 21:44 -553 Feb 27 j 07:33 -553 Mar 06 j 21:04 -553 Mar 07 j 01:10 -553 Mar 10 j 06:27 -553 Mar 10 j 06:27 -553 Mar 10 j 08:15 -553 Mar 20 j 12:16 -553 Apr 03 j 20:31 -553 Apr 18 j 19:27 -553 May 03 j 00:02 -553 May 04 j 17:01 -553 May 06 j 06:51  -553 May 10 j 00:37 -553 May 10 j 00:37 -553 May 10 j 00:18 -553 May 16 j 23:52 -553 May 18 j 15:16 -553 Jun 04 j 19:29 -553 Jun 15 j 07:31 -553 Jun 16 j 03:18                   | 26° ス37'02 26° ス49'24 0°≈ 14°≈29'55 26°≈38'50 0° 光 10° 光43'25 14° 光31'00 14° 光10'24 9° 光43'18 9° 光35'21 7° 光07'09 4° 光23'04 3° 光00'41 2° 光57'14 10° 光31'47 0° Ŷ 26° Ŷ22'59 0° と 3° と23'39 11° と34'17 11° と25'25 12° と05'30 26° と36'24 0° Ⅱ 0°  12°  12°  13°  13°  13°  13°  13°  13°  13°  13  | -1°55'38<br>1°55'30<br>18°36'04<br>3°03'04<br>3°02'11<br>0.58127 AU<br>26°30'23<br>0°38'39<br>0°38'18<br>1.32445 AU | superior conj minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist.  superior conj minimum elong behind sun begin behind sun end  evening rise evening max el | -553 Dec 30 j 17:16  -552 Jan 04 j 11:07 -552 Jan 04 j 10:45 -552 Jan 15 j 02:05 -552 Jan 16 j 11:03 -552 Jan 25 j 04:37 -552 Jan 31 j 11:21 -552 Feb 07 j 09:51 -552 Feb 10 j 00:16 -552 Feb 16 j 21:44 -552 Feb 16 j 23:49 -552 Feb 20 j 05:29 -552 Feb 23 j 21:24 -552 Mar 01 j 12:45 -552 Mar 05 j 05:18 -552 Mar 15 j 19:02 -552 Mar 23 j 00:05 -552 Apr 10 j 17:53 -552 Apr 22 j 03:54 -552 Apr 22 j 19:01  -552 Apr 23 j 11:32 -552 Apr 23 j 13:51 -552 Apr 23 j 13:51 -552 Apr 30 j 09:56 -552 May 09 j 21:12 -552 May 27 j 23:53 | 8°311'59 8°310'22 27°327'48 0°\$ 15°\$19'20 23°\$33'22 27°\$02'54 26°\$34'14 21°\$46'14 21°\$41'34 18°\$48'14 16°\$04'18 14°\$36'22 21°\$46'59 0°\$\tau\$ 0°\$\tau\$ 10°\$7'31'16 26°\$731'16 26°\$731'16 26°\$740'26 0°\$\tau\$ 11°\$29'50 0°\$\tau\$ 25°\$\$103'03   | -2°01'02<br>2°01'02<br>18°12'31<br>3°41'29<br>3°41'17<br>0.60188 AU<br>27°26'34<br>1.32379 AU<br>0°14'12<br>0°14'04 |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 187 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Th | ne year -900 in                        | astronomical cour | nting style is the year | 901 BCE in historical cou | inting style.        | 5           |
|---------------------|-----------------------------|--|-------------------|-------------------------|---------------------------|----------------------|-------------|
|                     | -552 Jun 03 j 09:57         | $0$ $\circ$ $\odot$                    |                   | behind sun end          | -551 Apr 08 j 02:07       | 11° <b>Y</b> 41'34   |             |
| retrograde          | -552 Jun 11 j 01:18         | 2°515'06                               |                   | asc. node               | -551 Apr 09 j 00:56       | 13° <b>Y</b> 45'32   |             |
| evening set         | -552 Jun 16 j 21:20         | 0°954'08                               |                   | evening rise            | -551 Apr 14 j 21:34       | 26° <b>Y</b> 24'25   |             |
|                     | -552 Jun 18 j 15:52         | 30° <b>Ŗ</b> Ⅱ                         |                   |                         | -551 Apr 16 j 14:47       | 0°8                  |             |
| min. Earth dist.    | -552 Jun 21 j 12:07         | 28° <b>Ⅱ</b> 12'05                     | 0.58381 AU        |                         | -551 May 04 j 09:05       | $\Pi^{\circ}0$       |             |
| inferior conj       | -552 Jun 24 j 18:28         | 25° <b>Ⅲ</b> 51'43                     | -4°40'22          | evening max el          | -551 May 09 j 15:23       | 5° <b>Ⅱ</b> 50′39    | 24°12'21    |
| minimum elong       | -552 Jun 24 j 17:20         | 25° <b>Ⅱ</b> 53'46                     | 4°40'20           | desc. node              | -551 May 19 j 01:33       | 12° <b>∏</b> 04'18   |             |
| morning rise        | -552 Jul 02 j 15:55         | 21° <b>Ⅲ</b> 31'19                     |                   | retrograde              | -551 May 23 j 12:14       | 12° <b>∏</b> 49'24   |             |
| direct              | -552 Jul 05 j 04:29         | 21° <b>Ⅱ</b> 11′03                     |                   | evening set             | -551 May 27 j 23:10       | 12° <b>Ⅲ</b> 05′11   |             |
| morning max el      | -552 Jul 13 j 11:11         | 25° <b>Ⅱ</b> 05'35                     | 18°44'02          | min. Earth dist.        | -551 Jun 03 j 02:45       | 9° <b>Ⅱ</b> 04'09    | 0.56576 AU  |
|                     | -552 Jul 17 j 16:39         | $0$ $\circ$ 20                         |                   | inferior conj           | -551 Jun 05 j 16:43       | 7° <b>Ⅱ</b> 27'09    | -4°10'30    |
| asc. node           | -552 Jul 19 j 03:07         | 2° <b>©</b> 03'05                      |                   | minimum elong           | -551 Jun 05 j 11:08       | 7° <b>Ⅱ</b> 35'56    | 4°09'34     |
| morning set         | -552 Jul 29 j 20:49         | 21° <b>©</b> 13'47                     |                   | morning rise            | -551 Jun 14 j 01:59       | 3° <b>Ⅱ</b> 24'59    |             |
|                     | -552 Aug 03 j 08:42         | $0^{\circ}\Omega$                      |                   | direct                  | -551 Jun 16 j 16:29       | 3° <b>Ⅱ</b> 06'56    |             |
|                     |                             |  |                   | morning max el          | -551 Jun 26 j 08:10       | 7° <b>Ⅲ</b> 35'32    | 19°39'57    |
| superior conj       | -552 Aug 07 j 13:19         | 8° <b>Ω</b> 02′28                      | 1°45'32           | asc. node               | -551 Jul 06 j 00:09       | 20° <b>Ⅲ</b> 36′54   |             |
| minimum elong       | -552 Aug 07 j 14:45         | 8° <b>Ω</b> 09'11                      | 1°45'28           |                         | -551 Jul 11 j 02:17       | 0°ಲ                  |             |
| max. Earth dist.    | -552 Aug 14 j 14:51         | 20° <b>Ω</b> 58'05                     | 1.39372 AU        | morning set             | -551 Jul 13 j 22:21       | 5° <b>©</b> 37'23    |             |
| evening rise        | -552 Aug 18 j 15:46         | 27° <b>Ω</b> 58'07                     |                   | Č                       | J                         |                      |             |
| Č                   | -552 Aug 19 j 20:38         | 0° <b>m</b> )                          |                   | superior conj           | -551 Jul 21 j 21:48       | 21° <b>5</b> 40'20   | 1°47'03     |
| desc. node          | -552 Aug 28 j 03:53         | 13° <b>m</b> 24'26                     |                   | minimum elong           | -551 Jul 21 j 21:17       | 21°937'47            |             |
|                     | -552 Sep 08 j 10:25         | 0∘ <u>⊽</u>                            |                   |                         | -551 Jul 26 j 04:48       | $0^{\circ}\Omega$    |             |
| evening max el      | -552 Sep 22 j 22:43         | 17° <b>Ω</b> 48'30                     | 24°08'03          | max. Earth dist.        | -551 Jul 27 j 18:08       | 2° <b>£</b> 55'53    | 1.37406 AU  |
| retrograde          | -552 Oct 04 j 00:03         | 24° <b>Ω</b> 18'12                     | 2. 00 05          | evening rise            | -551 Jul 31 j 14:00       | 9° <b>€</b> 55'59    | 1.57 100110 |
| evening set         | -552 Oct 09 j 07:26         | 22° <b>Ω</b> 04'26                     |                   | evening rise            | -551 Aug 12 j 14:00       | 0° m)                |             |
| min. Earth dist.    | -552 Oct 14 j 01:45         |  | 0.67480 AU        | desc. node              | -551 Aug 15 j 00:54       | 3° Mp 46'27          |             |
| inferior conj       | -552 Oct 14 j 16:44         | 15° <b>Ω</b> 42'43                     |                   | dese. Hode              | -551 Sep 04 j 00:51       | ე° <b>ი</b>          |             |
| minimum elong       | -552 Oct 14 j 16:55         | 15° <b>Ω</b> 42'03                     |                   | evening max el          | -551 Sep 05 j 10:15       | ° <b>-</b> 24'19     | 25°23'37    |
| transit middle      | -552 Oct 14 j 16:55         | 15° <b>-</b> 42'03                     |                   | retrograde              | -551 Sep 17 j 11:01       | 8° <b>£</b> 20'22    | 23 23 31    |
| transit begin       | -552 Oct 14 j 14:34         | 15° <b>⊆</b> 50'01                     | 0 00 12           | evening set             | -551 Sep 23 j 09:08       | 5° <b>⊆</b> 50'18    |             |
| transit end         | -552 Oct 14 j 19:17         | 15° <b>2</b> 34'05                     |                   | min. Earth dist.        | -551 Sep 27 j 19:13       |                      | 0.67003 AU  |
| asc. node           | -552 Oct 14 j 19:17         | 15° <b>2</b> 10′21                     |                   | inferior conj           | -551 Sep 28 j 20:56       | 29° mp 31'14         |             |
|                     | -552 Oct 20 j 02:24         | 9° <b>£</b> 36'32                      |                   | minimum elong           | -551 Sep 28 j 20:30       | 29° m) 26'05         |             |
| morning rise        |                             | 9 <b>=</b> 30 32<br>8° <b>£</b> 10'54  |                   | minimum ciong           |                           | 29 11/2003<br>30°RM) | 1 03 01     |
| direct              | -552 Oct 23 j 23:26         | 8 <b>≥</b> 10 34<br>12° <b>⊆</b> 51'01 | 20024120          | asc. node               | -551 Sep 28 j 12:05       |                      |             |
| morning max el      | -552 Nov 01 j 00:26         |  | 20°3438           |                         | -551 Oct 01 j 23:21       | 25° Mp 45'27         |             |
| daga mada           | -552 Nov 14 j 05:38         | 0°M                                    |                   | morning rise            | -551 Oct 04 j 12:03       | 23° m 32'48          |             |
| desc. node          | -552 Nov 24 j 03:11         | 14°M46'23                              |                   | direct                  | -551 Oct 07 j 21:45       | 22° m 25'43          | 10020125    |
| morning set         | -552 Nov 29 j 13:32         | 23°M07'39                              |                   | morning max el          | -551 Oct 15 j 03:49       | 26° m 33'19          | 19°30′25    |
| E d E d             | -552 Dec 03 j 22:54         | 0° 🔏                                   | 1 42220 ATT       |                         | -551 Oct 18 j 04:55       | 0° <b>™</b>          |             |
| max. Earth dist.    | -552 Dec 09 j 01:13         | 8° <b>X</b> '0/54                      | 1.43229 AU        | . ,                     | -551 Nov 07 j 14:12       | 0°M.                 |             |
|                     | 550 D 15:10.25              | 100 72626                              | 1051157           | morning set             | -551 Nov 08 j 12:47       | 1°M27'36             |             |
| superior conj       | -552 Dec 15 j 10:35         | 18° <b>₹</b> 36'36                     |                   | desc. node              | -551 Nov 11 j 00:14       | 5°M18'33             |             |
| minimum elong       | -552 Dec 15 j 05:34         | 18° <b>∡</b> 15'42                     | 1°51′40           | max. Earth dist.        | -551 Nov 21 j 14:38       | 21°M55'54            | 1.44455 AU  |
|                     | -552 Dec 22 j 03:36         | 0°る                                    |                   |                         | 55131 25:07.21            | 270 <b>m</b> 40150   | 1004155     |
| evening rise        | -552 Dec 27 j 16:27         | 9°₹40'06                               |                   | superior conj           | -551 Nov 25 j 07:21       | 27°M48'59            |             |
| i                   | -551 Jan 08 j 16:48         | 0° <b>≈</b>                            |                   | minimum elong           | -551 Nov 24 j 23:14       | 27°M16'30            | 1°24'07     |
| asc. node           | -551 Jan 11 j 01:38         | 3°≈19'55                               | 1000012.4         |                         | -551 Nov 26 j 16:03       | 0° ⊀ <sup>7</sup>    |             |
| evening max el      | -551 Jan 13 j 23:05         | 6°≈41'50                               | 18°08'34          | evening rise            | -551 Dec 09 j 10:53       | 20° <b>₹</b> 59'06   |             |
| retrograde          | -551 Jan 20 j 12:06         | 10°≈07'23                              |                   |                         | -551 Dec 14 j 20:03       | 0°る                  | 10022120    |
| evening set         | -551 Jan 23 j 06:52         | 9° <b>≈</b> 29'28                      | 2052110           | evening max el          | -551 Dec 28 j 11:37       | 20°る01'55            | 18°23'28    |
| inferior conj       | -551 Jan 29 j 15:47         | 4°≈20'45                               | 3°52'10           | asc. node               | -551 Dec 28 j 22:38       | 20°る29'13            |             |
| minimum elong       | -551 Jan 29 j 15:35         | 4°≈21'15                               | 3°52'10           | retrograde              | -550 Jan 04 j 00:16       | 23° <b>る</b> 35'47   |             |
| min. Earth dist.    | -551 Feb 01 j 12:28         | 1°≈25'31                               | 0.62239 AU        | evening set             | -550 Jan 06 j 23:44       | 22°る47'35            |             |
|                     | -551 Feb 03 j 00:48         | 30°₹る                                  |                   | inferior conj           | -550 Jan 12 j 23:15       | 17° <b>る</b> 19'26   | 3°42'42     |
| morning rise        | -551 Feb 04 j 23:10         | 28° <b>る</b> 25'27                     |                   | minimum elong           | -550 Jan 12 j 21:25       | 17° <b>る</b> 24'40   |             |
| direct              | -551 Feb 11 j 23:04         | 25° <b>ප්</b> 51'11                    |                   | min. Earth dist.        | -550 Jan 15 j 04:56       | 14° <b>ろ</b> 46'28   | 0.64047 AU  |
| desc. node          | -551 Feb 20 j 02:21         | 28° <b>る</b> 46'42                     |                   | morning rise            | -550 Jan 18 j 18:33       | 11° <b>ට</b> 15'49   |             |
|                     | -551 Feb 21 j 18:56         | 0° <b>≈</b>                            |                   | direct                  | -550 Jan 25 j 17:02       | 8° <b>る</b> 25'49    |             |
| morning max el      | -551 Feb 25 j 23:23         | 3°≈42'33                               | 27°46'47          | desc. node              | -550 Feb 06 j 23:24       | 14° <b>ろ</b> 56'26   |             |
|                     | -551 Mar 17 j 13:04         | 0° <b>∀</b>                            |                   | morning max el          | -550 Feb 08 j 07:42       | 16° <b>る</b> 14'24   | 27°30'41    |
| morning set         | -551 Mar 31 j 11:18         | 25° <b>)</b> 35'34                     |                   |                         | -550 Feb 19 j 17:14       | 0° <b>≈</b>          |             |
|                     | -551 Apr 02 j 14:41         | 0° <b>Υ</b>                            |                   |                         | -550 Mar 10 j 06:19       | 0° <b>∀</b>          |             |
| max. Earth dist.    | -551 Apr 06 j 04:32         | 7° <b>Y</b> 35'05                      | 1.32693 AU        | morning set             | -550 Mar 15 j 07:00       | 9° <b>)</b> 36′48    |             |
|                     |                             |  |                   | max. Earth dist.        | -550 Mar 20 j 07:05       | 19° <b>)</b> 47'01   | 1.33420 AU  |
| superior conj       | -551 Apr 07 j 22:04         | 11° <b>Y</b> 19'32                     |                   |                         |                           |                      |             |
| minimum elong       | -551 Apr 07 j 22:37         | 11° <b>Y</b> ′22'33                    | 0°11'42           | superior conj           | -550 Mar 23 j 04:30       | 25° <b>)</b> 53′10   |             |
| behind sun begin    | -551 Apr 07 j 19:07         | 11° <b>Y</b> ′03'32                    |                   | minimum elong           | -550 Mar 23 j 06:20       | 26° <b>∺</b> 02'55   | 0°38'04     |

| •                   | -  |                      | •          |                     | 901 BCE in historical cou                  |                                      | 50 100     |
|---------------------|--|----------------------|------------|---------------------|--|--------------------------------------|------------|
|                     | -550 Mar 25 j 02:41                        | 0° <b>Υ</b>          |            | minimum elong       | -549 Mar 07 j 08:16                        | 10° <b>₩</b> 20'05                   | 1°04'00    |
| asc. node           | -550 Mar 26 j 21:59                        | 3° <b>Y</b> 52'16    |            | asc. node           | -549 Mar 13 j 19:01                        | 23° <b>)</b> € 50'03                 |            |
| evening rise        | -550 Mar 30 j 09:01                        | 11° <b>Y</b> 14'00   |            | evening rise        | -549 Mar 14 j 18:23                        | 25° <b>)</b> 51′31                   |            |
| C                   | -550 Apr 09 j 02:19                        | 0° <b>႘</b>          |            | Č                   | -549 Mar 16 j 18:51                        | $0^{\circ}\mathbf{\Upsilon}$         |            |
| evening max el      | -550 Apr 21 j 07:14                        | 16° <b>8</b> 26'18   | 22°37'05   | evening max el      | -549 Apr 03 j 06:01                        | 27° <b>Ƴ</b> 18'14                   | 21°07'50   |
| retrograde          | -550 May 04 j 10:05                        | 22° <b>8</b> 54'39   |            | Č                   | -549 Apr 06 j 11:34                        | 0° <b>႘</b>                          |            |
| desc. node          | -550 May 05 j 22:33                        | 22° <b>8</b> 49'30   |            | retrograde          | -549 Apr 14 j 23:45                        | 2° <b>8</b> 59'20                    |            |
| evening set         | -550 May 07 j 12:39                        | 22° <b>8</b> 33'29   |            | evening set         | -549 Apr 17 j 07:04                        | 2° <b>8</b> 46'58                    |            |
| min. Earth dist.    | -550 May 15 j 15:33                        | 19° <b>8</b> 01'46   | 0.55367 AU | desc. node          | -549 Apr 22 j 19:36                        | 0° <b>8</b> 51'09                    |            |
| inferior conj       | -550 May 16 j 20:35                        | 18° <b>8</b> 20'25   | -2°55'59   |                     | -549 Apr 24 j 11:11                        | 30° <b>₹Ƴ</b>                        |            |
| minimum elong       | -550 May 16 j 13:38                        | 18° <b>8</b> 30'20   | 2°53'58    | inferior conj       | -549 Apr 26 j 14:59                        | 28° <b>Ƴ</b> 48′02                   | -1°05'07   |
| morning rise        | -550 May 25 j 16:42                        | 14° <b>8</b> 26'18   |            | minimum elong       | -549 Apr 26 j 11:55                        | 28° <b>Ƴ</b> 52′22                   | 1°04'00    |
| direct              | -550 May 28 j 11:19                        | 14° <b>8</b> 08'29   |            | min. Earth dist.    | -549 Apr 27 j 04:28                        | 28° <b>Ƴ</b> 29'00                   | 0.55020 AU |
| morning max el      | -550 Jun 08 j 18:11                        | 19° <b>8</b> 23'43   | 20°56'14   | morning rise        | -549 May 05 j 16:46                        | 24° <b>Ƴ</b> 44'22                   |            |
|                     | -550 Jun 17 j 05:53                        | $\Pi$ $^{\circ}0$    |            | direct              | -549 May 08 j 21:43                        | 24° <b>Ƴ</b> 22'07                   |            |
| asc. node           | -550 Jun 22 j 21:14                        | 9° <b>Ⅱ</b> 44'25    |            |                     | -549 May 21 j 04:36                        | 0°8                                  |            |
| morning set         | -550 Jun 28 j 05:20                        | 20° <b>Ⅱ</b> 18'55   |            | morning max el      | -549 May 21 j 17:39                        | 0° <b>8</b> 29'57                    | 22°29'10   |
| C                   | -550 Jul 02 j 21:13                        | 0ංම                  |            | asc. node           | -549 Jun 09 j 18:19                        | 29° <b>8</b> 16'38                   |            |
|                     | , , , , , , , , , , , , , , , , , , ,      |                      |            |                     | -549 Jun 10 j 02:56                        | 0°II                                 |            |
| superior conj       | -550 Jul 05 j 17:18                        | 5° <b>©</b> 52'22    | 1°40'54    | morning set         | -549 Jun 12 j 15:40                        | 5° <b>Ⅱ</b> 11'55                    |            |
| minimum elong       | -550 Jul 05 j 15:30                        | 5° <b>©</b> 43'05    | 1°40'48    | Č                   | ,  |                                      |            |
| max. Earth dist.    | -550 Jul 10 j 03:07                        | 14°9345'54           | 1.35664 AU | superior conj       | -549 Jun 19 j 20:23                        | 20° <b>Ⅱ</b> 28'04                   | 1°28'48    |
| evening rise        | -550 Jul 14 j 08:10                        | 22°952'37            | 1.55001110 | minimum elong       | -549 Jun 19 j 17:57                        | 20° <b>I</b> 15'12                   |            |
| evening rise        | -550 Jul 18 j 05:27                        | 0° <b>Ω</b>          |            | max. Earth dist.    | -549 Jun 22 j 21:14                        | 26° <b>Ⅱ</b> 49'27                   | 1.34264 AU |
| desc. node          | -550 Aug 01 j 21:53                        | 23° <b>Ω</b> 49'32   |            | max. Earth dist.    | -549 Jun 24 j 10:22                        | 0°95                                 | 1.54204710 |
| dese. Hode          | -550 Aug 06 j 06:42                        | 0°m                  |            | evening rise        | -549 Jun 27 j 17:21                        | 6°934'23                             |            |
| evening max el      | -550 Aug 18 j 21:59                        | 15° Mp 00'02         | 26°26'39   | evening rise        | -549 Jul 10 j 20:16                        | 0°Ω                                  |            |
| retrograde          | -550 Aug 31 j 16:58                        | 22° Mp 12'00         | 20 20 39   | desc. node          | -549 Jul 19 j 18:54                        | 13° <b>Ω</b> 25'34                   |            |
| evening set         | -550 Sep 07 j 05:05                        | 19° <b>m</b> ) 29'58 |            | evening max el      | -549 Aug 01 j 09:46                        | 28° <b>Ω</b> 27'01                   | 27900123   |
| min. Earth dist.    | -550 Sep 11 j 07:29                        |                      | 0.66187 AU | evening max er      | -549 Aug 03 j 02:11                        | 0° m                                 | 27 0933    |
| inferior conj       | -550 Sep 11 j 07.29<br>-550 Sep 12 j 20:59 | 13° m) 17'22         |            | retrograde          | -549 Aug 14 j 17:36                        | 5°Mp46'18                            |            |
| minimum elong       | -550 Sep 12 j 20:59                        | 13° Mp 08'17         |            | evening set         | -549 Aug 21 j 16:52                        | 3° My 00'02                          |            |
| morning rise        | -550 Sep 12 j 25:38<br>-550 Sep 18 j 19:12 | 7° Mp 29'56          | 1 36 04    | evening set         | • •  | 30°RΩ                                |            |
| asc. node           |  | 7° Mg 28'12          |            | min. Earth dist.    | -549 Aug 24 j 21:02                        |                                      | 0.65004 AU |
|                     | -550 Sep 18 j 20:25                        |                      |            | inferior conj       | -549 Aug 25 j 12:15<br>-549 Aug 27 j 14:42 | 29 <b>%</b> 11849 26° <b>€</b> 57'32 |            |
| direct              | -550 Sep 21 j 19:50                        | 6° Mp 37'59          | 100/11/21  | 3                   |  |                                      |            |
| morning max el      | -550 Sep 28 j 13:44                        | 10° m/22'35          | 18-41-31   | minimum elong       | -549 Aug 27 j 18:50                        | 26° <b>Ω</b> 45'55                   | 2-31-21    |
| . ,                 | -550 Oct 12 j 12:34                        | 0° <b>亞</b>          |            | morning rise        | -549 Sep 02 j 21:30                        | 21° <b>Ω</b> 24'18                   |            |
| morning set         | -550 Oct 19 j 09:01                        | 10° <b>£</b> 54'13   |            | direct              | -549 Sep 05 j 15:24                        | 20° <b>Ω</b> 44'01                   |            |
| desc. node          | -550 Oct 28 j 21:15                        | 25° <b>£</b> 58'44   |            | asc. node           | -549 Sep 05 j 17:30                        | 20° <b>Ω</b> 44'03                   | 10000114   |
|                     | -550 Oct 31 j 10:30                        | 0° <b>M</b> .        |            | morning max el      | -549 Sep 12 j 03:57                        | 24° <b>Ω</b> 14'49                   | 18°09'14   |
|                     | 55031 04:00.22                             | 60 <b>M</b> 10151    | 0041141    |                     | -549 Sep 16 j 20:12                        | 0° m/y                               |            |
| superior conj       | -550 Nov 04 j 09:33                        | 6°M13'51             |            | morning set         | -549 Sep 30 j 09:50                        | 21° m/45'25                          |            |
| minimum elong       | -550 Nov 04 j 04:10                        | 5°M52'40             |            |                     | -549 Oct 05 j 09:29                        | 0∘ <b>⊽</b>                          |            |
| max. Earth dist.    | -550 Nov 04 j 08:39                        | 6°M₁10'18            | 1.44993 AU |                     | #40.0 · 141.10.#6                          |                                      | 0005145    |
|                     | -550 Nov 19 j 10:07                        | 0° <b>∡</b>          |            | superior conj       | -549 Oct 14 j 13:56                        | 14° <b>£</b> 51'19                   | 0°07'45    |
| evening rise        | -550 Nov 20 j 05:51                        | 1° <b>∡</b> 18'49    |            | minimum elong       | -549 Oct 14 j 14:54                        | 14° <b>£</b> 55'09                   | 0°07'38    |
| greatest brilliancy | -550 Nov 27 j 14:56                        | 13° <b>∡</b> 06'32   | -0.8m      | behind sun begin    | -549 Oct 14 j 05:15                        | 14° <b>£</b> 16'40                   |            |
|                     | -550 Dec 08 j 23:00                        | 0°る                  | 1005645    | behind sun end      | -549 Oct 15 j 00:33                        | 15° <b>£</b> 33'35                   |            |
| evening max el      | -550 Dec 11 j 22:18                        | 3° <b>る</b> 27'15    | 18°56'15   | desc. node          | -549 Oct 15 j 18:15                        | 16° <b>£</b> 43'58                   |            |
| asc. node           | -550 Dec 15 j 19:42                        | 6° <b>る</b> 32'29    |            | max. Earth dist.    | -549 Oct 18 j 03:35                        | 20° <b>£</b> 30'54                   | 1.44790 AU |
| retrograde          | -550 Dec 18 j 18:29                        | 7° <b>る</b> 19'56    |            |                     | -549 Oct 24 j 04:36                        | 0°M                                  |            |
| evening set         | -550 Dec 21 j 23:44                        | 6° <b>පි</b> 20'11   |            | evening rise        | -549 Oct 31 j 02:12                        | 10°M44'08                            |            |
| inferior conj       | -550 Dec 27 j 16:31                        |                      |            |                     | -549 Nov 12 j 15:15                        | 0°⊀                                  |            |
| minimum elong       | -550 Dec 27 j 13:50                        | 0°る43'14             | 3°18'16    | greatest brilliancy | -549 Nov 12 j 22:34                        | 0° <b>≯</b> 27'28                    | -0.7m      |
|                     | -550 Dec 28 j 03:43                        | 30°₽ <b>⋌</b> ¹      |            | evening max el      | -549 Nov 25 j 05:03                        | 16° <b>₰</b> 54'47                   | 19°45'23   |
| min. Earth dist.    | -550 Dec 29 j 06:58                        | 28° <b>∡</b> ³35'32  | 0.65492 AU | retrograde          | -549 Dec 02 j 15:39                        | 21° <b>∡</b> 15′03                   |            |
| morning rise        | -549 Jan 02 j 03:39                        | 24° <b>∡</b> ¹25'45  |            | asc. node           | -549 Dec 02 j 16:46                        | 21° <b>≯</b> 15′02                   |            |
| direct              | -549 Jan 08 j 17:25                        | 21° <b>∡</b> ³34'49  |            | evening set         | -549 Dec 06 j 04:22                        | 20° <b>∡</b> 02'07                   |            |
| morning max el      | -549 Jan 21 j 17:25                        | 29° <b>∡</b> 11'16   | 26°43'08   | inferior conj       | -549 Dec 11 j 16:34                        | 14° <b>∡</b> °02'41                  | 2°44'34    |
|                     | -549 Jan 22 j 12:33                        | 0° <b>ठ</b>          |            | minimum elong       | -549 Dec 11 j 13:44                        | 14° <b>≯</b> 12′02                   | 2°43'43    |
| desc. node          | -549 Jan 24 j 20:28                        | 2° <b>る</b> 31'24    |            | min. Earth dist.    | -549 Dec 12 j 17:11                        | 12° <b>х</b> 41′30                   | 0.66550 AU |
|                     | -549 Feb 13 j 13:32                        | 0° <b>≈</b>          |            | morning rise        | -549 Dec 16 j 22:54                        | 7° <b>≯</b> 50'08                    |            |
| morning set         | -549 Feb 26 j 15:48                        | 23° <b>≈</b> 00′36   |            | direct              | -549 Dec 22 j 23:43                        | 5° <b>₹</b> 09'48                    |            |
|                     | -549 Mar 02 j 06:08                        | 0° <b>∀</b>          |            | morning max el      | -548 Jan 04 j 02:38                        | 12° <b>≯</b> 21'34                   | 25°32'17   |
| max. Earth dist.    | -549 Mar 02 j 23:17                        | 1° <b>¥</b> 25'15    | 1.34590 AU | desc. node          | -548 Jan 11 j 17:32                        | 21° <b>₰</b> 06'49                   |            |
|                     |  |                      |            |                     | -548 Jan 18 j 08:14                        | 0°ರ                                  |            |
| superior conj       | -549 Mar 07 j 05:17                        | 10° <b>)</b> 04′35   | -1°04'32   |                     | -548 Feb 06 j 06:24                        | 0° <b>≈</b>                          |            |
|                     |  |                      |            |                     |  |                                      |            |

| 2                      | nical year style is used: The              |   |                  | //               |  | , ,  | 36 109     |
|------------------------|--|---|------------------|------------------|--|--|------------|
| morning set            | -548 Feb 09 j 09:06                        | ne year -900 m<br>5°≈33'54  | astronomicai cot | max. Earth dist. | -547 Jan 24 j 23:39                        |  | 1.38169 AU |
| max. Earth dist.       | -548 Feb 13 j 03:42                        |   | 1.36202 AU       | max. Earth dist. | -547 Jan 28 j 11:22                        | 23 <b>3</b> 3633<br>0° <b>≈</b>                  | 1.38109 AU |
| max. Earm dist.        | -348 Feb 13 J 03.42                        | 12 ≈34 19   | 1.30202 AU       |                  | -34/ Jan 28 J 11.22                        | 0 ≈  |            |
| superior conj          | -548 Feb 18 j 21:44                        | 23° <b>≈</b> 46'20  | 1028123          | superior conj    | -547 Feb 01 j 02:21                        | 6° <b>≈</b> 48'55                                | 1047'44    |
| minimum elong          | -548 Feb 19 j 01:27                        | 23 ≈40 20<br>24°≈04'52  |                  | minimum elong    | -547 Feb 01 j 05:50                        | 7°≈05'33   |            |
| minimum ciong          | -548 Feb 21 j 23:50                        | 24 ≈04 32<br>0° <b>H</b>  | 1 2/ 33          |                  | -547 Feb 01 j 05:30                        | 7 ≈03 33<br>24°≈04'35                            | 1 4/20     |
| avanina riaa           | •  | 0 <del>X</del><br>10° <b>¥</b> 10'42  |                  | evening rise     | 3  | 24 ≈04 33<br>0° <b>H</b>                         |            |
| evening rise asc. node | -548 Feb 26 j 23:37<br>-548 Feb 28 j 16:05 | 10 <b>X</b> 10 42   |                  | asc. node        | -547 Feb 12 j 23:14<br>-547 Feb 14 j 13:08 | 2° <b>₩</b> 59'50                                |            |
| asc. node              |  | 13 χ3424<br>0°Υ   |                  |                  | ·  | 2 <del>X</del> 39 30<br>20° <del>X</del> 51'20   | 18°58'43   |
|                        | -548 Mar 08 j 17:32<br>-548 Mar 15 j 15:45 | 8° <b>Υ</b> 45'34   | 19°53'44         | evening max el   | -547 Feb 26 j 12:19                        | 24°\cdot\frac{7}{56'18}                          | 16 36 43   |
| evening max el         | ,  | 13° <b>Υ</b> 34'02  | 19-55-44         | retrograde       | -547 Mar 06 j 23:39                        | 24° <del>X</del> 30°18<br>24° <del>X</del> 39'41 |            |
| retrograde             | -548 Mar 25 j 16:36                        | $13^{\circ}$ $\Upsilon$ $34^{\circ}$ $02^{\circ}$ $13^{\circ}$ $\Upsilon$ $22^{\circ}$ $00^{\circ}$ |                  | evening set      | -547 Mar 09 j 06:32                        |  | 2025126    |
| evening set            | -548 Mar 27 j 19:42                        | 9° <b>Υ</b> 20'59   | 0°52'10          | inferior conj    | -547 Mar 17 j 06:41                        | 20° <b>米</b> 24'19<br>20° <b>米</b> 16'27         |            |
| inferior conj          | -548 Apr 05 j 14:27                        | 9° <b>Υ</b> 17'33   | 0°51'23          | minimum elong    | -547 Mar 17 j 11:08                        | 18° <b>H</b> 10'54                               | 0.57054 AU |
| minimum elong          | -548 Apr 05 j 16:41                        | 9° <b>γ</b> 1/33<br>8° <b>γ</b> 01'01   |                  | min. Earth dist. | -547 Mar 20 j 10:45                        | 18° <del>X</del> 10′34<br>15° <del>X</del> 20′30 | 0.57054 AU |
| min. Earth dist.       | -548 Apr 07 j 18:40                        | 7° <b>Υ</b> 28'27   | 0.55628 AU       | morning rise     | -547 Mar 25 j 12:43                        |  |            |
| desc. node             | -548 Apr 08 j 16:41                        |   |                  | desc. node       | -547 Mar 26 j 13:43                        | 14° <b>H</b> 57'24                               |            |
| morning rise           | -548 Apr 14 j 11:25                        | 4° <b>Υ</b> 49'48<br>4° <b>Υ</b> 13'02  |                  | direct           | -547 Mar 30 j 18:13                        | 14° <b>升</b> 15'19                               | 25044122   |
| direct                 | -548 Apr 18 j 13:17                        |   | 24000140         | morning max el   | -547 Apr 14 j 01:03                        | 21° <b>)</b> 39'46                               | 25°44'32   |
| morning max el         | -548 May 02 j 10:04                        | 11° <b>Υ</b> 07'08  | 24°09'49         |                  | -547 Apr 21 j 07:53                        | 0° <b>Υ</b>                                      |            |
| ,                      | -548 May 16 j 14:46                        | 0° <b>8</b>   |                  |                  | -547 May 09 j 03:30                        | 0° <b>8</b>                                      |            |
| asc. node              | -548 May 26 j 15:21                        | 19° <b>8</b> 06'39  |                  | morning set      | -547 May 11 j 15:16                        | 5° <b>8</b> 09'03                                |            |
| morning set            | -548 May 27 j 03:31                        | 20° <b>8</b> 10'24  |                  | asc. node        | -547 May 13 j 12:24                        | 9° <b>8</b> 09'03                                |            |
|                        | -548 May 31 j 17:32                        | $\Pi$ °0  |                  |                  | 54534 40:4540                              | 2001 41 5122                                     | 0051142    |
|                        | 540 Y 00:0400                              | 50 <b>T</b> 10120   | 1010104          | superior conj    | -547 May 18 j 15:10                        | 20° <b>8</b> 17'22                               | 0°51'43    |
| superior conj          | -548 Jun 03 j 04:22                        | 5° <b>Ⅱ</b> 18'39   |                  | minimum elong    | -547 May 18 j 13:08                        | 20° <b>8</b> 06'11                               | 0°51'19    |
| minimum elong          | -548 Jun 03 j 01:54                        | 5° <b>Ⅱ</b> 05'17   |                  | max. Earth dist. | -547 May 19 j 09:59                        | 22° <b>8</b> 00'10                               | 1.32633 AU |
| max. Earth dist.       | -548 Jun 05 j 00:18                        | 9° <b>Ⅱ</b> 14'57   | 1.33256 AU       |                  | -547 May 23 j 02:46                        | 0°II   |            |
| evening rise           | -548 Jun 10 j 13:20                        | 20° <b>Ⅱ</b> 48'50  |                  | evening rise     | -547 May 25 j 16:49                        | 5° <b>Ⅱ</b> 26'01                                |            |
|                        | -548 Jun 15 j 06:04                        | 0°99  |                  |                  | -547 Jun 07 j 21:10                        | 0°€  |            |
|                        | -548 Jul 03 j 20:15                        | 0°Ω   |                  | desc. node       | -547 Jun 22 j 12:59                        | 20° <b>©</b> 23'55                               |            |
| desc. node             | -548 Jul 05 j 15:57                        | 2° <b>£</b> 22′29   |                  | evening max el   | -547 Jun 26 j 02:54                        | 24°906'11  | 27°09'37   |
| evening max el         | -548 Jul 13 j 20:07                        | 11° <b>Ω</b> 32'54  | 27°25'30         |                  | -547 Jul 04 j 06:10                        | $0^{\circ}\Omega$                                |            |
| retrograde             | -548 Jul 27 j 12:29                        | 18° <b>Ω</b> 53′21  |                  | retrograde       | -547 Jul 10 j 00:37                        | 1° <b>Ω</b> 24'05                                |            |
| evening set            | -548 Aug 03 j 17:12                        | 16° <b>Ω</b> 14'35  |                  |                  | -547 Jul 15 j 12:59                        | 30° <b>₹</b> 5                                   |            |
| min. Earth dist.       | -548 Aug 07 j 07:42                        | 13° <b>Ω</b> 06'18  | 0.63454 AU       | evening set      | -547 Jul 17 j 02:05                        | 29° <b>©</b> 06'50                               |            |
| inferior conj          | -548 Aug 09 j 23:25                        | 10° <b>Ω</b> 25'14  |                  | min. Earth dist. | -547 Jul 20 j 17:01                        | 26°521'23  | 0.61594 AU |
| minimum elong          | -548 Aug 10 j 04:04                        |   | 3°39'58          | inferior conj    | -547 Jul 23 j 20:03                        | 23° <b>©</b> 33'35                               |            |
| morning rise           | -548 Aug 16 j 16:02                        | 5° <b>Ω</b> 09'23   |                  | minimum elong    | -547 Jul 23 j 23:57                        | 23° <b>©</b> 24'49                               | 4°18'59    |
| direct                 | -548 Aug 19 j 05:37                        | 4° <b>Ω</b> 37'34   |                  | morning rise     | -547 Jul 30 j 23:22                        | 18° <b>©</b> 37'51                               |            |
| asc. node              | -548 Aug 22 j 14:35                        | 5° <b>Ω</b> 33'17   |                  | direct           | -547 Aug 02 j 11:05                        | 18°9511'48                                       |            |
| morning max el         | -548 Aug 25 j 19:39                        | 8° <b>Ω</b> 02'58   | 17°54'25         | asc. node        | -547 Aug 09 j 11:37                        | 21° <b>©</b> 44'34                               |            |
|                        | -548 Sep 09 j 07:25                        | 0° <b>т</b> р   |                  | morning max el   | -547 Aug 09 j 09:54                        |  | 17°58'04   |
| morning set            | -548 Sep 11 j 11:56                        | 3° <b>™</b> 48'59   |                  |                  | -547 Aug 15 j 18:55                        | $0$ $\circ$ $\Omega$                             |            |
|                        |  |   |                  | morning set      | -547 Aug 25 j 09:20                        | 16° <b>Ω</b> 48'16                               |            |
| superior conj          | -548 Sep 23 j 15:35                        | 24° <b>m</b> 33'29  | 0°51'13          |                  | -547 Sep 01 j 16:11                        | 0°Щ  |            |
| minimum elong          | -548 Sep 23 j 20:22                        | 24° m 53'13   | 0°50'37          |                  |  |  |            |
| <u>.</u>               | -548 Sep 26 j 23:11                        | 0∘ <b>⊽</b>   |                  | superior conj    | -547 Sep 04 j 20:43                        |  | 1°22'17    |
| max. Earth dist.       | -548 Sep 29 j 19:50                        | 4° <b>£</b> 37'14   | 1.43884 AU       | minimum elong    | -547 Sep 05 j 01:25                        | 5° <b>m</b> 57'15                                | 1°21'49    |
| desc. node             | -548 Oct 01 j 15:16                        | 7° <b>£</b> 30'41   |                  | max. Earth dist. | -547 Sep 12 j 07:30                        | 18° Mp 14'30                                     | 1.42402 AU |
| evening rise           | -548 Oct 09 j 09:18                        | 19° <b>≙</b> 39'04  |                  | evening rise     | -547 Sep 18 j 20:59                        | 28° m 50'08                                      |            |
|                        | -548 Oct 16 j 03:55                        | 0°M   |                  | desc. node       | -547 Sep 18 j 12:18                        | 28° m 15'46                                      |            |
|                        | -548 Nov 06 j 21:40                        | 0° <b>∡</b>   |                  |                  | -547 Sep 19 j 14:43                        | 0∘ <b>⊽</b>                                      |            |
| evening max el         | -548 Nov 07 j 06:22                        | 0° <b>≯</b> 22'37   | 20°48'37         |                  | -547 Oct 09 j 20:33                        | 0°M  |            |
| retrograde             | -548 Nov 15 j 13:15                        | 5° <b>∡</b> 17'03   |                  | evening max el   | -547 Oct 21 j 01:57                        | 13°M51'22  | 22°02'30   |
| asc. node              | -548 Nov 18 j 13:49                        | 4° <b>≯</b> 25'03   |                  | retrograde       | -547 Oct 30 j 09:24                        | 19°M23'30  |            |
| evening set            | -548 Nov 19 j 11:27                        | 3° <b>∡</b> 148'57  |                  | evening set      | -547 Nov 03 j 19:12                        | 17°M38'19  |            |
|                        | -548 Nov 23 j 02:40                        | 30°RM₊  |                  | asc. node        | -547 Nov 05 j 10:51                        | 16°M04'18  |            |
| inferior conj          | -548 Nov 24 j 20:54                        | 27°M38'45   | 2°02'33          | inferior conj    | -547 Nov 09 j 03:28                        | 11°M20'53  | 1°14'48    |
| minimum elong          | -548 Nov 24 j 18:27                        | 27° <b>M</b> 47'07  | 2°01'40          | minimum elong    | -547 Nov 09 j 01:49                        | 11°M26'35  | 1°14'08    |
| min. Earth dist.       | -548 Nov 25 j 09:19                        | 26°M56'19   | 0.67240 AU       | min. Earth dist. | -547 Nov 09 j 04:53                        | 11°M16'00  | 0.67588 AU |
| morning rise           | -548 Nov 30 j 01:16                        | 21°M24'56   |                  | morning rise     | -547 Nov 14 j 08:17                        | 5°M08'09   |            |
| direct                 | -548 Dec 05 j 11:13                        | 19°M02'48   |                  | direct           | -547 Nov 19 j 03:07                        | 3°M07'57   |            |
| morning max el         | -548 Dec 16 j 11:04                        | 25°M36'25   | 24°08'02         | morning max el   | -547 Nov 28 j 21:17                        | 8°M55'21   | 22°40'23   |
| _                      | -548 Dec 20 j 11:19                        | 0°⊀   |                  | desc. node       | -547 Dec 15 j 11:35                        | 0° <b>≯</b> 13′06                                |            |
| desc. node             | -548 Dec 28 j 14:33                        | 10° <b>₹</b> 24'43  |                  |                  | -547 Dec 15 j 07:57                        | 0° <b>∡</b>                                      |            |
|                        | -547 Jan 10 j 21:23                        | 0°ਰ   |                  | morning set      | -546 Jan 01 j 21:18                        | 27° <b>∡</b> 03'34                               |            |
| morning set            | -547 Jan 21 j 04:58                        | 17° <b>る</b> 00'01  |                  |                  | -546 Jan 03 j 16:00                        | 0°₹  |            |
|                        |  |   |                  |                  |  |  |            |

| max. Earth dist.   | nical year style is used: The st | -  | 1.40293 AU | morning set   | -546 Dec 12 j 09:22   | 5° <b>₹</b> 48'08   |                    |
|--|--|--|------------|---|---|---|--------------------|
|  |  |  |            | max. Earth dist.                                      | -546 Dec 19 j 21:45   | 17° <b>∡</b> 752'35   | 1.42270 AU         |
| superior conj  | -546 Jan 14 j 14:33  | 19° <b>る</b> 00'22   | -1°59'24   |   | J   |   |                    |
| minimum elong  | -546 Jan 14 j 16:12  | 19° <b>る</b> 07'48   | 1°59'22    | superior conj   | -546 Dec 27 j 04:57   | 0° <b>ප</b> 07'50   | -1°59'13           |
|  | -546 Jan 20 j 13:10  | 0° <b>≈</b>  |            | minimum elong   | -546 Dec 27 j 02:42   | 29° <b>₹</b> 58'12  | 1°59'09            |
| evening rise   | -546 Jan 24 j 11:21  | 7° <b>≈</b> 25′23  |            |   | -546 Dec 27 j 03:07   | <b>℃</b> 0  |                    |
| asc. node  | -546 Feb 01 j 10:10  | 21° <b>≈</b> 59'14   |            | evening rise  | -545 Jan 07 j 11:16   | 20° <b>る</b> 05'52  |                    |
|  | -546 Feb 06 j 16:21  | 0° <b>∀</b>  |            |   | -545 Jan 12 j 23:30   | 0° <b>≈</b>   |                    |
| evening max el   | -546 Feb 09 j 17:09  | 3° <b>∺</b> 28′10  | 18°23'38   | asc. node   | -545 Jan 19 j 07:12   | 10° <b>≈</b> 24'36  |                    |
| retrograde   | -546 Feb 17 j 01:30  | 7° <b>)</b> €05'44   |            | evening max el  | -545 Jan 24 j 03:14   | 16°≈27'45   | 18°08'24           |
| evening set  | -546 Feb 19 j 13:31  | 6° <b>)</b> 41'44  | 202211.5   | retrograde  | -545 Jan 30 j 20:21   | 19°≈53'52   |                    |
| inferior conj  | -546 Feb 26 j 19:48  | 2°\(\)06'01  | 3°23'15    | evening set   | -545 Feb 02 j 12:43   | 19°≈21'15   | 2040156            |
| minimum elong  | -546 Feb 26 j 23:10  | 1° <b>¥</b> 59'03  | 3°22'42    | inferior conj   | -545 Feb 09 j 04:23   | 14°≈24'00   | 3°48'56<br>3°48'52 |
| min. Earth dist.   | -546 Mar 01 j 08:48  | 30°R≈<br>29°≈17'30   | 0.58992 AU | minimum elong<br>min. Earth dist.                     | -545 Feb 09 j 05:27<br>-545 Feb 12 j 08:04  | 14°≈21'26<br>11°≈24'44  | 0.61085 AU         |
| morning rise   | -546 Mar 02 j 06:09<br>-546 Mar 06 j 06:25   | 29 ≈1730<br>26°≈35'43  | 0.38992 AU | morning rise  | -545 Feb 15 j 20:41   | 8°≈35'45  | 0.01083 AU         |
| direct   | -546 Mar 12 j 12:15  | 20 ≈3343<br>24°≈53'12  |            | direct  | -545 Feb 22 j 16:59   | 6°≈17'45  |                    |
| desc. node   | -546 Mar 13 j 10:46  | 24°≈55'29  |            | desc. node  | -545 Feb 28 j 07:48   | 0 ≈1743<br>7°≈41'30   |                    |
| desc. node   | -546 Mar 23 j 23:52  | 0° <b>\</b>  |            | morning max el  | -545 Mar 08 j 20:57   | 14°≈06'12   | 27°39'43           |
| morning max el   | -546 Mar 26 j 19:48  | 2° <b>)</b> 33'31  | 26°58'19   | morning max ci  | -545 Mar 21 j 16:10   | 0° <b>)</b> €   | 21 37 43           |
| morning man er   | -546 Apr 15 j 15:35  | 0° <b>Υ</b>  | 20 0019    |   | -545 Apr 08 j 00:14   | 0° <b>Υ</b>   |                    |
| morning set  | -546 Apr 26 j 01:11  | 20° <b>Y</b> ′00′53  |            | morning set   | -545 Apr 10 j 07:27   | 4° <b>Υ</b> 39'35   |                    |
| asc. node  | -546 Apr 30 j 09:26  | 29° <b>Υ</b> 18'09   |            | max. Earth dist.                                      | -545 Apr 16 j 10:46   | 17° <b>Y</b> 42'15  | 1.32476 AU         |
|  | -546 Apr 30 j 17:07  | 0°8  |            | asc. node   | -545 Apr 17 j 06:29   | 19° <b>Ƴ</b> 29'41  |                    |
|  | 1 3  |  |            |   | 1 ,   |   |                    |
| superior conj  | -546 May 03 j 02:55  | 5° <b>8</b> 16'32  | 0°28'31    | superior conj   | -545 Apr 17 j 13:58   | 20° <b>Ƴ</b> 10'34  | 0°03'19            |
| minimum elong  | -546 May 03 j 01:40  | 5° <b>8</b> 09'45  | 0°28'15    | minimum elong   | -545 Apr 17 j 13:49   | 20° <b>Y</b> 09'42  | 0°03'17            |
| max. Earth dist.   | -546 May 02 j 22:45  | 4° <b>8</b> 53'43  | 1.32375 AU | behind sun begin                                      | -545 Apr 17 j 08:50   | 19° <b>Y</b> 42'33  |                    |
| evening rise   | -546 May 10 j 01:06  | 20° <b>8</b> 15'49   |            | behind sun end  | -545 Apr 17 j 18:47   | 20° <b>Y</b> 36'53  |                    |
|  | -546 May 14 j 20:18  | $\Pi^{\circ}0$   |            |   | -545 Apr 22 j 02:01   | 0°8   |                    |
|  | -546 Jun 02 j 16:38  | 0ංම  |            | evening rise  | -545 Apr 24 j 12:05   | 5° <b>8</b> 10'49   |                    |
| evening max el   | -546 Jun 08 j 03:38  | 5° <b>©</b> 55'59  | 26°20'52   |   | -545 May 07 j 17:15   | $\Pi^{\circ}0$  |                    |
| desc. node   | -546 Jun 09 j 10:00  | 7° <b>©</b> 05'50  |            | evening max el  | -545 May 20 j 21:35   | 17° <b>Ⅱ</b> 01'46  | 25°04'18           |
| retrograde   | -546 Jun 22 j 04:15  | 13° <b>©</b> 10'03   |            | desc. node  | -545 May 27 j 07:02   | 21° <b>Ⅱ</b> 56'45  |                    |
| evening set  | -546 Jun 28 j 14:53  | 11° <b>©</b> 26'44   |            | retrograde  | -545 Jun 03 j 21:44   | 24° <b>∏</b> 09'14  |                    |
| min. Earth dist.   | -546 Jul 02 j 16:42  | 8°548'36   | 0.59554 AU | evening set   | -545 Jun 09 j 04:48   | 23° <b>Ⅱ</b> 04'46  |                    |
| inferior conj  | -546 Jul 06 j 00:56  | 6°512'31   |            | min. Earth dist.                                      | -545 Jun 14 j 09:14   | 20° <b>Ⅱ</b> 16′29  | 0.57569 AU         |
| minimum elong  | -546 Jul 06 j 02:11  |  | 4°40'27    | inferior conj   | -545 Jun 17 j 10:47   | 18° <b>Ⅱ</b> 12'36  |                    |
| morning rise   | -546 Jul 13 j 15:36  | 1°939'01   |            | minimum elong   | -545 Jun 17 j 07:40   | 18° <b>Ⅱ</b> 17'54  | 4°32'30            |
| direct<br>morning max el   | -546 Jul 16 j 03:36<br>-546 Jul 23 j 19:40   | 1°©16'51<br>4°©58'19   | 18°21'22   | morning rise<br>direct                                | -545 Jun 25 j 13:17<br>-545 Jun 28 j 02:47  | 14° <b>Ⅱ</b> 00'53<br>13° <b>Ⅱ</b> 41'34  |                    |
| asc. node  | -546 Jul 27 j 08:38  | 9°902'03   | 10 21 22   | morning max el  | -545 Jul 06 j 22:04   | 13 <b>Ⅱ</b> 41 34 17° <b>Ⅱ</b> 48'23  | 19°05'18           |
| morning set  | -546 Aug 08 j 20:40  | 9 <b>3</b> 02 03 0° <b>Ω</b> 28'18   |            | asc. node   | -545 Jul 14 j 05:41   | 27° <b>I</b> I1'36  | 19 03 18           |
| morning set  | -546 Aug 08 j 14:44  | 0° <b>Ω</b>  |            | asc. node   | -545 Jul 15 j 22:29   | 27 <b>H</b> 11 30<br>0°ඉ  |                    |
|  | 540 Mag 00 j 14.44   | 0 00   |            | morning set   | -545 Jul 23 j 17:55   | 14°938'22   |                    |
| superior conj  | -546 Aug 18 j 02:10  | 17° <b>Ω</b> 52'29   | 1°40'21    | morning sec   | -545 Jul 31 j 12:53   | 0° <b>Ω</b>   |                    |
| minimum elong  | -546 Aug 18 j 04:53  | 18° <b>Ω</b> 04'58   | 1°40'11    |   | 0.00ai 31,12.00   | <b>000</b>  |                    |
|  | -546 Aug 24 j 21:22  | 0° <b>m</b> )  |            | superior conj   | -545 Aug 01 j 02:19   | 1° <b>Ω</b> 04'52   | 1°47'14            |
| max. Earth dist.   | -546 Aug 25 j 14:00  | 1° mp 11'42  | 1.40529 AU | minimum elong   | -545 Aug 01 j 02:51   | 1° <b>Ω</b> 07'25   |                    |
| evening rise   | -546 Aug 30 j 04:30  | 8° <b>m</b> 57'04  |            | max. Earth dist.                                      | -545 Aug 07 j 17:03   | 13° <b>Ω</b> 27'05  | 1.38517 AU         |
| desc. node   | -546 Sep 05 j 09:20  | 18° <b>m</b> 55'32   |            | evening rise  | -545 Aug 11 j 13:02   | 20° <b>Ω</b> 14'53  |                    |
|  | -546 Sep 12 j 15:53  | 0∘ <b>⊽</b>  |            |   | -545 Aug 17 j 07:49   | 0° <b>m</b>   |                    |
| evening max el   | -546 Oct 03 j 16:43  | 27° <b>≏</b> 22'10   | 23°22'10   | desc. node  | -545 Aug 23 j 06:20   | 9° <b>™</b> 25'32   |                    |
|  | -546 Oct 06 j 13:21  | 0°M₊   |            |   | -545 Sep 06 j 17:58   | 0∘ <b>ত</b>   |                    |
| retrograde   | -546 Oct 14 j 02:43  | 3°MJ31'44  |            | evening max el  | -545 Sep 16 j 04:36   | 10° <b>≙</b> 55'31  | 24°41'17           |
| evening set  | -546 Oct 19 j 01:57  | 1°M28'16   |            | retrograde  | -545 Sep 27 j 16:13   | 17° <b>≏</b> 37'31  |                    |
|  | -546 Oct 20 j 14:31  | 30°R <b>≏</b>  |            | evening set   | -545 Oct 03 j 06:01   | 15° <b>≙</b> 16'12  |                    |
|  | -546 Oct 23 j 07:52  | 26° <b>△</b> 37'59   |            | min. Earth dist.                                      | -545 Oct 07 j 20:39   | 10° <b>Ω</b> 00'14  |                    |
| asc. node  |  | 25° <b>♀</b> 07'11   | 0°22'56    | inferior conj   | -545 Oct 08 j 16:11   | 8° <b>£</b> 55'13   |                    |
| inferior conj  | -546 Oct 24 j 10:29  |  | 0022141    | minimum elong   | -545 Oct 08 j 16:58   | 8° <b>丘</b> 52'38   | 0°31'20            |
| inferior conj<br>minimum elong   | -546 Oct 24 j 09:56  | 25° <b>£</b> 09'03   | 0°22'41    | •   |   |   |                    |
| inferior conj<br>minimum elong<br>min. Earth dist.   | -546 Oct 24 j 09:56<br>-546 Oct 24 j 01:27   | 25° <b>≏</b> 38'08   | 0.67610 AU | asc. node   | -545 Oct 10 j 04:54   | 6° <b>≙</b> 55'17   |                    |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise                             | -546 Oct 24 j 09:56<br>-546 Oct 24 j 01:27<br>-546 Oct 29 j 17:50  | 25° <b>△</b> 38′08<br>18° <b>△</b> 58′05   |            | asc. node<br>morning rise                             | -545 Oct 10 j 04:54<br>-545 Oct 14 j 03:59  | 6° <b>♀</b> 55'17<br>2° <b>♀</b> 52'17  |                    |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct                   | -546 Oct 24 j 09:56<br>-546 Oct 24 j 01:27<br>-546 Oct 29 j 17:50<br>-546 Nov 02 j 22:25   | 25° <b>♀</b> 38'08<br>18° <b>♀</b> 58'05<br>17° <b>♀</b> 20'17   | 0.67610 AU | asc. node<br>morning rise<br>direct                   | -545 Oct 10 j 04:54<br>-545 Oct 14 j 03:59<br>-545 Oct 17 j 19:55   | 6° <b>♀</b> 55'17<br>2° <b>♀</b> 52'17<br>1° <b>♀</b> 35'02                                     |                    |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise                             | -546 Oct 24 j 09:56<br>-546 Oct 24 j 01:27<br>-546 Oct 29 j 17:50<br>-546 Nov 02 j 22:25<br>-546 Nov 11 j 12:56  | 25° \( \Omega \) 38'08<br>18° \( \Omega \) 58'05<br>17° \( \Omega \) 20'17<br>22° \( \Omega \) 22'37       | 0.67610 AU | asc. node<br>morning rise                             | -545 Oct 10 j 04:54<br>-545 Oct 14 j 03:59<br>-545 Oct 17 j 19:55<br>-545 Oct 25 j 12:03                        | 6° <b>£</b> 55'17<br>2° <b>£</b> 52'17<br>1° <b>£</b> 35'02<br>5° <b>£</b> 59'54                |                    |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct<br>morning max el | -546 Oct 24 j 09:56<br>-546 Oct 24 j 01:27<br>-546 Oct 29 j 17:50<br>-546 Nov 02 j 22:25<br>-546 Nov 11 j 12:56<br>-546 Nov 18 j 00:28   | 25° \$\Omega 38'08<br>18° \$\Omega 58'05<br>17° \$\Omega 20'17<br>22° \$\Omega 22'37<br>0° \$\mathbb{M}\$. | 0.67610 AU | asc. node<br>morning rise<br>direct<br>morning max el | -545 Oct 10 j 04:54<br>-545 Oct 14 j 03:59<br>-545 Oct 17 j 19:55<br>-545 Oct 25 j 12:03<br>-545 Nov 12 j 03:24 | 6° <b>£</b> 55'17<br>2° <b>£</b> 52'17<br>1° <b>£</b> 35'02<br>5° <b>£</b> 59'54<br>0° <b>™</b> |                    |
| inferior conj<br>minimum elong<br>min. Earth dist.<br>morning rise<br>direct                   | -546 Oct 24 j 09:56<br>-546 Oct 24 j 01:27<br>-546 Oct 29 j 17:50<br>-546 Nov 02 j 22:25<br>-546 Nov 11 j 12:56  | 25° \( \Omega \) 38'08<br>18° \( \Omega \) 58'05<br>17° \( \Omega \) 20'17<br>22° \( \Omega \) 22'37       | 0.67610 AU | asc. node<br>morning rise<br>direct                   | -545 Oct 10 j 04:54<br>-545 Oct 14 j 03:59<br>-545 Oct 17 j 19:55<br>-545 Oct 25 j 12:03                        | 6° <b>£</b> 55'17<br>2° <b>£</b> 52'17<br>1° <b>£</b> 35'02<br>5° <b>£</b> 59'54                |                    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 19 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom       |  | -                                 | astronomical cou | inting style is the year | 901 BCE in historical cou                  |   |            |
|---------------------------|--|-----------------------------------|------------------|--------------------------|--|---|------------|
|                           | -545 Dec 01 j 12:00                        | 0°⊀                               |                  |                          | -544 Oct 15 j 18:33                        | 0∘ <b>ಹ</b>                             |            |
| max. Earth dist.          | -545 Dec 02 j 07:36                        | 1° <b>≯</b> 18'14                 | 1.43824 AU       | morning set              | -544 Oct 30 j 12:17                        | 22° <b>≙</b> 39'00                      |            |
|                           | 5450 05:4640                               | 100 30000                         | 1040445          |                          | -544 Nov 04 j 04:56                        | 0°M                                     |            |
| superior conj             | -545 Dec 07 j 16:48                        | 10° <b>₹</b> 00′23                |                  | desc. node               | -544 Nov 05 j 02:40                        | 1°M25'07                                |            |
| minimum elong             | -545 Dec 07 j 09:58                        | 9° <b>₹</b> 32'28                 | 1°42'14          | max. Earth dist.         | -544 Nov 13 j 22:56                        | 15°M18'18                               | 1.44767 AU |
|                           | -545 Dec 19 j 14:33                        | 0°る                               |                  |                          | 544 NT 16:02 40                            | 100 <b>M</b> 47101                      | 1000100    |
| evening rise              | -545 Dec 20 j 17:42                        | 1°る56'48                          |                  | superior conj            | -544 Nov 16 j 03:48                        | 18° <b>M</b> .47'01                     |            |
| asc. node                 | -544 Jan 06 j 04:14                        | 28°る05'07                         | 10012124         | minimum elong            | -544 Nov 15 j 20:02                        | 18° <b>M</b> .16'19<br>0° <b>⊀</b>      | 1°0/16     |
| evening max el            | -544 Jan 07 j 15:34                        | 29°₹41'42                         | 18°12'34         |                          | -544 Nov 23 j 04:38<br>-544 Dec 01 j 02:26 | 0°×¹<br>12° <i>x</i> <sup>7</sup> 50'50 |            |
| ratra ara da              | -544 Jan 07 j 22:59<br>-544 Jan 14 j 03:31 | 0° <b>≈</b><br>3° <b>≈</b> 09'47  |                  | evening rise             | -544 Dec 11 j 15:05                        | 12° <b>×</b> '30'30'<br>0° <b>る</b>     |            |
| retrograde<br>evening set | -544 Jan 17 j 00:07                        | 3 ≈0947<br>2°≈27'40               |                  | evening max el           | -544 Dec 21 j 03:35                        | 0 3<br>13° <b>る</b> 04'23               | 18°35'19   |
| evening set               | -544 Jan 20 j 09:59                        | 2 ≈2740<br>30°Ŗる                  |                  | asc. node                | -544 Dec 23 j 01:16                        | 13 804 23<br>14° <b>8</b> 48'13         | 10 33 19   |
| inferior conj             | -544 Jan 23 j 04:40                        | 30 KO<br>27°る10'11                | 3°50'14          | retrograde               | -544 Dec 27 j 18:44                        | 14 84613<br>16°る45'22                   |            |
| minimum elong             | -544 Jan 23 j 03:41                        | 27° <b>ප</b> 12'50                | 3°50'10          | evening set              | -544 Dec 30 j 20:22                        | 16 රජ3 22<br>15° පි52'38                |            |
| min. Earth dist.          | -544 Jan 25 j 19:05                        | 24°る22'36                         | 0.63046 AU       | inferior conj            | -543 Jan 05 j 16:44                        | 19 <b>3</b> 3250                        | 3°34'03    |
| morning rise              | -544 Jan 29 j 06:23                        | 21° <b>ට</b> 10'37                | 0.03040710       | minimum elong            | -543 Jan 05 j 14:27                        | 10° <b>ろ</b> 23'46                      | 3°33'41    |
| direct                    | -544 Feb 05 j 06:30                        | 18° <b>ට</b> 28'02                |                  | min. Earth dist.         | -543 Jan 07 j 15:55                        | 7°る57'03                                |            |
| desc. node                | -544 Feb 15 j 04:50                        | 22° <b>る</b> 47'11                |                  | morning rise             | -543 Jan 11 j 08:05                        | 4°る10'27                                | 0.01700110 |
| morning max el            | -544 Feb 19 j 03:36                        |                                   | 27°44'11         | direct                   | -543 Jan 18 j 03:32                        | 1°る18'08                                |            |
|                           | -544 Feb 22 j 14:20                        | 0°≈                               | _,               | morning max el           | -543 Jan 31 j 12:56                        | 9° <b>ට</b> 03'56                       | 27°13'48   |
|                           | -544 Mar 14 j 05:06                        | 0° <b>)</b> €                     |                  | desc. node               | -543 Feb 01 j 01:53                        | 9° <b>ට</b> 36'41                       |            |
| morning set               | -544 Mar 24 j 07:51                        | 18° <b>)</b> 57′23                |                  |                          | -543 Feb 16 j 22:35                        | 0° <b>≈</b>                             |            |
| max. Earth dist.          | -544 Mar 29 j 17:59                        | 0° <b>Ƴ</b> 11'27                 | 1.32954 AU       |                          | -543 Mar 06 j 13:17                        | 0° <b>)</b> €                           |            |
|                           | -544 Mar 29 j 15:50                        | $0^{\circ}\mathbf{\Upsilon}$      |                  | morning set              | -543 Mar 07 j 23:27                        | 2° <b>)</b> 44'44                       |            |
|                           | J  |                                   |                  | max. Earth dist.         | -543 Mar 12 j 16:21                        | 12° <b>)</b> €09'02                     | 1.33858 AU |
| superior conj             | -544 Mar 31 j 22:38                        | 4° <b>Y</b> 53'24                 | -0°23'07         |                          | ·  |   |            |
| minimum elong             | -544 Mar 31 j 23:43                        | 4° <b>Y</b> 59'18                 | 0°22'52          | superior conj            | -543 Mar 16 j 02:59                        | 19° <b>∺</b> 18'49                      | -0°49'40   |
| asc. node                 | -544 Apr 03 j 03:33                        | 9° <b>Y</b> 39'30                 |                  | minimum elong            | -543 Mar 16 j 05:20                        | 19° <b>)</b> 31′12                      | 0°49'13    |
| evening rise              | -544 Apr 07 j 23:53                        | 20° <b>Y</b> ′04′12               |                  | asc. node                | -543 Mar 21 j 00:37                        | 29° <b>)</b> 43′09                      |            |
|                           | -544 Apr 12 j 20:46                        | $9^{\circ}$ 8                     |                  |                          | -543 Mar 21 j 03:47                        | $0$ ° $\Upsilon$                        |            |
| evening max el            | -544 May 01 j 12:11                        | 27° <b>8</b> 40'13                | 23°31'44         | evening rise             | -543 Mar 23 j 10:42                        | 4° <b>Ƴ</b> 49'32                       |            |
|                           | -544 May 04 j 03:43                        | $\Pi^{\circ}0$                    |                  |                          | -543 Apr 06 j 07:52                        | $9^{\circ}$ 8                           |            |
| desc. node                | -544 May 13 j 04:02                        | 4° <b>Ⅱ</b> 20′21                 |                  | evening max el           | -543 Apr 13 j 06:19                        | 8° <b>8</b> 20'16                       | 21°57'43   |
| retrograde                | -544 May 15 j 03:24                        | 4° <b>Ⅱ</b> 29'13                 |                  | retrograde               | -543 Apr 25 j 21:11                        | 14° <b>8</b> 30'23                      |            |
| evening set               | -544 May 18 j 23:40                        | 3° <b>Ⅱ</b> 56'39                 |                  | evening set              | -543 Apr 28 j 13:09                        | 14° <b>8</b> 14'35                      |            |
| min. Earth dist.          | -544 May 25 j 22:38                        |                                   | 0.55969 AU       | desc. node               | -543 Apr 30 j 01:05                        | 13° <b>8</b> 52'36                      |            |
|                           | -544 May 27 j 04:11                        | 30° <b>₹</b> 8                    |                  | inferior conj            | -543 May 07 j 23:01                        | 10° <b>8</b> 09'25                      |            |
| inferior conj             | -544 May 28 j 00:37                        | 29° <b>8</b> 29'20                |                  | minimum elong            | -543 May 07 j 17:11                        | 10° <b>8</b> 17'37                      |            |
| minimum elong             | -544 May 27 j 17:51                        | 29° <b>8</b> 39'30                | 3°42'52          | min. Earth dist.         | -543 May 07 j 11:45                        |   | 0.55099 AU |
| morning rise              | -544 Jun 05 j 14:52                        | 25° <b>8</b> 32'45                |                  | morning rise             | -543 May 16 j 22:28                        | 6° <b>8</b> 13'19                       |            |
| direct                    | -544 Jun 08 j 06:34                        | 25° <b>8</b> 15'16                | 20010100         | direct                   | -543 May 19 j 20:07                        | 5° <b>8</b> 54'33                       | 2102406    |
| morning max el            | -544 Jun 18 j 14:40                        | 0° <b>Ⅱ</b> 02'07                 | 20°10'09         | morning max el           | -543 May 31 j 20:08                        | 11° <b>8</b> 32'50                      | 21°34'06   |
| 1-                        | -544 Jun 18 j 13:45                        | 0° <b>П</b>                       |                  | 1-                       | -543 Jun 14 j 03:25                        | 0°Ⅱ<br>5°Ⅲ20/20                         |            |
| asc. node                 | -544 Jun 30 j 02:46                        | 16° <b>Ⅱ</b> 01'17                |                  | asc. node                | -543 Jun 16 j 23:51                        | 5° <b>Ⅱ</b> 20′28                       |            |
| morning set               | -544 Jul 06 j 22:04                        | 29° <b>Ⅱ</b> 10'51<br>0° <b>©</b> |                  | morning set              | -543 Jun 21 j 06:44                        | 13° <b>Ⅱ</b> 58'11                      |            |
|                           | -544 Jul 07 j 07:44                        | 0 😊                               |                  | superior conj            | -543 Jun 28 j 15:11                        | 29° <b>Ⅲ</b> 23'18                      | 1°36'25    |
| superior conj             | -544 Jul 14 j 16:03                        | 14° <b>©</b> 59'34                | 1945'16          | minimum elong            | -543 Jun 28 j 13:02                        | 29° <b>I</b> I23'18                     |            |
| minimum elong             | -544 Jul 14 j 14:54                        | 14° <b>©</b> 53'47                |                  | minimum clong            | -543 Jun 28 j 22:14                        | 0°95                                    | 1 30 14    |
| max. Earth dist.          | -544 Jul 19 j 21:54                        |                                   | 1.36620 AU       | max. Earth dist.         | -543 Jul 28 j 22.14<br>-543 Jul 02 j 10:17 |   | 1.35020 AU |
| max. Lartii dist.         | -544 Jul 22 j 09:43                        | 0°Ω                               | 1.50020 AC       | evening rise             | -543 Jul 06 j 21:35                        | 15° <b>©</b> 57'58                      | 1.55020 AC |
| evening rise              | -544 Jul 23 j 20:23                        | 2° <b>Ω</b> 39'50                 |                  | evening rise             | -543 Jul 14 j 14:53                        | 0°Ω                                     |            |
| desc. node                | -544 Aug 09 j 03:22                        | 29° <b>Ω</b> 40′50                |                  | desc. node               | -543 Jul 27 j 00:24                        | 19° <b>Ω</b> 33'51                      |            |
| dese. Hode                | -544 Aug 09 j 08:30                        | 0° m                              |                  | dese. Hode               | -543 Aug 03 j 20:06                        | 0° m                                    |            |
| evening max el            | -544 Aug 28 j 15:55                        | 24° mp 31'37                      | 25°52'26         | evening max el           | -543 Aug 11 j 03:45                        | 8° Mp 04'58                             | 26°47'50   |
|                           | -544 Sep 04 j 15:10                        | 0° <b>ت</b>                       |                  | retrograde               | -543 Aug 24 j 05:12                        | 15° Mp 21'36                            | , 50       |
| retrograde                | -544 Sep 10 j 01:18                        | 1° <b>-</b> 236'32                |                  | evening set              | -543 Aug 30 j 22:23                        | 12° Mp 36'44                            |            |
|                           | -544 Sep 14 j 22:28                        | 30°R, Mp                          |                  | min. Earth dist.         | -543 Sep 03 j 21:40                        | -                                       | 0.65725 AU |
| evening set               | -544 Sep 16 j 05:34                        | 29° m 00'22                       |                  | inferior conj            | -543 Sep 05 j 16:31                        | 6° Mp 27'44                             |            |
| min. Earth dist.          | -544 Sep 20 j 12:11                        | -                                 | 0.66693 AU       | minimum elong            | -543 Sep 05 j 20:02                        | 6° m) 17'20                             |            |
| inferior conj             | -544 Sep 21 j 18:52                        | 22° m 43'22                       |                  | morning rise             | -543 Sep 11 j 18:13                        | 0° mp 45'44                             |            |
| minimum elong             | -544 Sep 21 j 21:04                        | 22° m 36'26                       |                  | asc. node                | -543 Sep 12 j 23:01                        | 0° m 15'13                              |            |
| asc. node                 | -544 Sep 26 j 01:57                        | 17° <b>m</b> 54'30                |                  |                          | -543 Sep 14 j 06:52                        | 30°R <b>Ω</b>                           |            |
| morning rise              | -544 Sep 27 j 12:50                        | 16° ₩ 49′23                       |                  | direct                   | -543 Sep 14 j 15:36                        | 29° <b>Ω</b> 59'16                      |            |
| direct                    | -544 Sep 30 j 18:18                        | 15° Mp 49'22                      |                  |                          | -543 Sep 15 j 00:22                        | 0° <b>m</b>                             |            |
| morning max el            | -544 Oct 07 j 18:32                        | 19° <b>m</b> 46'19                | 19°07'42         | morning max el           | -543 Sep 21 j 06:32                        | 3° <b>m</b> 37'19                       | 18°25'38   |
|                           |  |                                   |                  |                          |  |   |            |

| -                                       | nical year style is used: The              |   | •          | / ·                       |  |   | 50 172      |
|---|--|---|------------|---------------------------|--|---|-------------|
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | -543 Oct 09 j 04:44                        | 0∘ <b>⊽</b>                                   |            | direct                    | -542 Aug 29 j 09:24                        | 14° <b>Ω</b> 00′32                      |             |
| morning set                             | -543 Oct 10 j 20:33                        | 2° <b>£</b> 41′23                             |            | asc. node                 | -542 Aug 30 j 20:06                        | 14° <b>Ω</b> 11′25                      |             |
| desc. node                              | -543 Oct 22 j 23:43                        | 22° <b>ჲ</b> 07'53                            |            | morning max el            | -542 Sep 04 j 21:38                        | 17° <b>Ω</b> 28′03                      | 18°00'39    |
|   |  |   |            |                           | -542 Sep 13 j 23:17                        | 0° <b>™</b>                             |             |
| superior conj                           | -543 Oct 26 j 04:04                        | 27° <b>≏</b> 09'24                            | -0°20'42   | morning set               | -542 Sep 22 j 08:49                        | 14° <b>m</b> 05'32                      |             |
| minimum elong                           | -543 Oct 26 j 01:20                        | 26° <b>≏</b> 58'38                            | 0°20'20    |                           | -542 Oct 01 j 21:05                        | 0∘ <b>⊽</b>                             |             |
| max. Earth dist.                        | -543 Oct 27 j 17:10                        | 29° <b>≏</b> 35'27                            | 1.44993 AU |                           |  |   |             |
|   | -543 Oct 27 j 23:25                        | 0° <b>M</b> ,                                 |            | superior conj             | -542 Oct 05 j 15:43                        | 6° <b>≏</b> 09'04                       | 0°27'30     |
| evening rise                            | -543 Nov 11 j 11:09                        | 22°M45'18                                     |            | minimum elong             | -542 Oct 05 j 18:49                        | 6° <b>£</b> 21'36                       | 0°27'04     |
|   | -543 Nov 16 j 01:37                        | 0° <b>∡</b> ¹                                 |            | desc. node                | -542 Oct 09 j 20:44                        | 12° <b>≙</b> 53'59                      |             |
| greatest brilliancy                     | -543 Nov 21 j 15:32                        | 8° <b>҂</b> 43'49                             | -0.8m      | max. Earth dist.          | -542 Oct 10 j 11:32                        | 13° <b>£</b> 52'49                      | 1.44489 AU  |
| evening max el                          | -543 Dec 04 j 12:52                        | 26° <b>₰</b> 31'20                            | 19°15'23   |                           | -542 Oct 20 j 18:46                        | 0°M₊                                    |             |
|   | -543 Dec 09 j 02:02                        | 0°₹   |            | evening rise              | -542 Oct 22 j 00:01                        | 1°M52'55                                |             |
| asc. node                               | -543 Dec 09 j 22:18                        | 0° <b>ප</b> 19'06                             |            | greatest brilliancy       | -542 Nov 05 j 01:28                        | 23°M13'00                               | -0.6m       |
| retrograde                              | -543 Dec 11 j 14:25                        | 0° <b>る</b> 34'39                             |            |                           | -542 Nov 09 j 18:14                        | 0° <b>∡</b>                             |             |
|   | -543 Dec 14 j 00:56                        | 30°R. <b>✓</b>                                |            | evening max el            | -542 Nov 17 j 17:29                        | 9° <b>∡</b> 759'11                      | 20°10'52    |
| evening set                             | -543 Dec 14 j 22:36                        | 29° <b>∡</b> 29'37<br>−                       |            | retrograde                | -542 Nov 25 j 11:53                        | 14° <b>∡</b> ³32'50                     |             |
| inferior conj                           | -543 Dec 20 j 13:12                        | 23° <b>∡</b> 38'16                            | 3°05'23    | asc. node                 | -542 Nov 26 j 19:21                        | 14° <b>₹</b> 23'01                      |             |
| minimum elong                           | -543 Dec 20 j 10:24                        | 23° <b>∡</b> 47'16                            | 3°04'41    | evening set               | -542 Nov 29 j 04:28                        | 13° <b>∡</b> 13'34                      |             |
| min. Earth dist.                        | -543 Dec 21 j 21:41                        | 21° <b>₹</b> 54'35                            | 0.65987 AU | inferior conj             | -542 Dec 04 j 15:18                        | 7° <b>∡</b> 09'18                       |             |
| morning rise                            | -543 Dec 25 j 21:55                        | 17° 🗷 27'29                                   |            | minimum elong             | -542 Dec 04 j 12:34                        | 7° <b>∡</b> 18′26                       | 2°26'39     |
| direct                                  | -542 Jan 01 j 06:42                        | 14° 🖈 39'31                                   | 26015117   | min. Earth dist.          | -542 Dec 05 j 10:31                        | 6°× <b>7</b> 04'46                      | 0.66887 AU  |
| morning max el                          | -542 Jan 13 j 22:22                        | 22° 🗷 07'16                                   | 26°15'17   | morning rise              | -542 Dec 09 j 20:30                        | 0° <b>∡</b> 756'14                      |             |
| desc. node                              | -542 Jan 18 j 22:57                        | 27° <b>₹</b> 40'03                            |            | r.                        | -542 Dec 11 j 00:18                        | 30°RM                                   |             |
|   | -542 Jan 20 j 20:48                        | 5°0   |            | direct                    | -542 Dec 15 j 15:13                        | 28°M22'58                               |             |
|   | -542 Feb 10 j 04:17                        | 0°≈   |            |                           | -542 Dec 20 j 18:52<br>-542 Dec 27 j 06:54 | 0°⊀ <b>7</b><br>5°. <b>7</b> 1000       | 24957125    |
| morning set<br>max. Earth dist.         | -542 Feb 19 j 02:22                        | 15°≈49'40<br>23°≈32'31                        | 1.35218 AU | morning max el desc. node | -  | 5° <b>₹</b> 19'10<br>16° <b>₹</b> 34'58 | 24°57'35    |
| max. Earm dist.                         | -542 Feb 23 j 03:13<br>-542 Feb 26 j 09:18 | 23 ≈32 31<br>0° <b>H</b>                      | 1.55218 AU | desc. node                | -541 Jan 05 j 19:58<br>-541 Jan 15 j 08:42 | 0°중                                     |             |
|   | -342 FC0 20 j 09.18                        | 0 /   |            | morning set               | -541 Feb 01 j 11:15                        | 0 0<br>27° <b>る</b> 55'53               |             |
| superior conj                           | -542 Feb 28 j 00:40                        | 3° <b>)</b> 19'41                             | -1°15'01   | morning set               | -541 Feb 02 j 14:57                        | 27 <b>⊙</b> 33 33                       |             |
| minimum elong                           | -542 Feb 28 j 04:02                        | 3° <b>\</b> 36'54                             |            | max. Earth dist.          | -541 Feb 05 j 03:25                        |   | 1.37004 AU  |
| evening rise                            | -542 Mar 07 j 18:37                        | 19° <b>)</b> € 20'43                          | 1 142)     | max. Earth dist.          | 5411 <b>c</b> 0 05 j 05.25                 | 4 70 33 37                              | 1.57004710  |
| asc. node                               | -542 Mar 07 j 21:40                        | 19° <b>)</b> (36′24                           |            | superior conj             | -541 Feb 11 j 12:32                        | 16° <b>≈</b> 46′01                      | -1°37'18    |
|   | -542 Mar 13 j 03:21                        | 0°Υ   |            | minimum elong             | -541 Feb 11 j 16:18                        | 17° <b>≈</b> 04'30                      |             |
| evening max el                          | -542 Mar 26 j 09:48                        | 19° <b>Ƴ</b> 27'36                            | 20°34'13   |                           | -541 Feb 18 j 03:33                        | 0° <b>)</b> €                           |             |
| retrograde                              | -542 Apr 06 j 10:12                        | 24° <b>Y</b> 45'20                            |            | evening rise              | -541 Feb 19 j 21:20                        | 3° <b>¥</b> 29'58                       |             |
| evening set                             | -542 Apr 08 j 14:18                        | 24° <b>Y</b> 33'51                            |            | asc. node                 | -541 Feb 22 j 18:42                        | 9° <b>)</b> 13′25                       |             |
| desc. node                              | -542 Apr 16 j 22:07                        | 21° <b>Y</b> 04'54                            |            |                           | -541 Mar 07 j 20:14                        | $0$ ° $\mathbf{\Upsilon}$               |             |
| inferior conj                           | -542 Apr 17 j 17:54                        | 20° <b>Ƴ</b> 36′25                            | -0°14'08   | evening max el            | -541 Mar 09 j 00:19                        | 1° <b>Ƴ</b> 11'27                       | 19°27'54    |
| minimum elong                           | -542 Apr 17 j 17:14                        | 20° <b>Ƴ</b> 37'22                            | 0°13'54    | retrograde                | -541 Mar 18 j 07:55                        | 5° <b>Ƴ</b> 39'37                       |             |
| transit middle                          | -542 Apr 17 j 17:14                        | 20° <b>Ƴ</b> 37'22                            | 0°13'54    | evening set               | -541 Mar 20 j 12:24                        | 5° <b>Y</b> 25'56                       |             |
| transit begin                           | -542 Apr 17 j 15:17                        | 20° <b>Y</b> 40'13                            |            | inferior conj             | -541 Mar 28 j 23:24                        | 1° <b>Y</b> 19'39                       | 1°35'45     |
| transit end                             | -542 Apr 17 j 19:12                        | 20° <b>Ƴ</b> 34'32                            |            | minimum elong             | -541 Mar 29 j 03:04                        | 1° <b>Ƴ</b> 13'42                       | 1°34'35     |
| min. Earth dist.                        | -542 Apr 19 j 01:20                        | 19° <b>Ƴ</b> 51′01                            | 0.55170 AU |                           | -541 Mar 31 j 00:31                        | 30° <b>₹</b> ₩                          |             |
| morning rise                            | -542 Apr 26 j 19:02                        | 16° <b>Ƴ</b> 22'36                            |            | min. Earth dist.          | -541 Mar 31 j 15:48                        | 29° <b>)</b> 35′46                      | 0.56155 AU  |
| direct                                  | -542 Apr 30 j 07:53                        | 15° <b>Y</b> 55'30                            |            | desc. node                | -541 Apr 03 j 19:10                        | 27° <b>)</b> 47′18                      |             |
| morning max el                          | -542 May 13 j 15:55                        | 22° <b>Y</b> 24'40                            | 23°11'33   | morning rise              | -541 Apr 06 j 15:05                        | 26° <b>∺</b> 34'51                      |             |
|   | -542 May 20 j 07:22                        | 0° <b>8</b>                                   |            | direct                    | -541 Apr 11 j 04:34                        | 25° <b>)</b> 47'44                      |             |
| asc. node                               | -542 Jun 03 j 20:56                        | 25° <b>8</b> 01'27                            |            |                           | -541 Apr 21 j 20:55                        | 0° <b>Υ</b>                             |             |
| morning set                             | -542 Jun 05 j 17:56                        | 28° <b>8</b> 54'30                            |            | morning max el            | -541 Apr 25 j 06:50                        | 2° <b>Y</b> 55'49                       | 24°51'41    |
|   | -542 Jun 06 j 06:24                        | $\Pi$ °0                                      |            |                           | -541 May 14 j 06:29                        | 0° <b>8</b>                             |             |
|   |  | —   |            | morning set               | -541 May 21 j 05:57                        | 13° <b>8</b> 53'51                      |             |
| superior conj                           | -542 Jun 12 j 20:39                        | 14° <b>Ⅱ</b> 06′29                            | 1°22'13    | asc. node                 | -541 May 21 j 17:59                        | 14° <b>8</b> 57'25                      |             |
| minimum elong                           | -542 Jun 12 j 18:08                        | 13° <b>I</b> 53′03                            | 1°21'53    |                           |  |   |             |
| max. Earth dist.                        | -542 Jun 15 j 08:32                        | 19° <b>Ⅱ</b> 24'07                            | 1.33798 AU | superior conj             | -541 May 28 j 06:03                        | 29° <b>8</b> 01'07                      | 1°03'50     |
| evening rise                            | -542 Jun 20 j 11:53                        | 29° <b>I</b> 55'38                            |            | minimum elong             | -541 May 28 j 03:43                        |   | 1°03'25     |
|   | -542 Jun 20 j 12:46                        | 0.ಲ   |            | T. d. V.                  | -541 May 28 j 16:53                        | 0°Ⅱ<br>2°Ⅱ0007                          | 1 22054 433 |
| daga mada                               | -542 Jul 07 j 16:01                        | 0° <b>Ω</b><br>8° <b>Ω</b> 54'53              |            | max. Earth dist.          | -541 May 29 j 15:03                        | 2° <b>∏</b> 00'07                       | 1.32954 AU  |
| desc. node                              | -542 Jul 13 j 21:25                        | 8° <b>£</b> 54'53                             | 27010150   | evening rise              | -541 Jun 04 j 11:25                        | 14° <b>Ⅱ</b> 20'52                      |             |
| evening max el                          | -542 Jul 24 j 15:26                        |   | 27°19'58   | dono                      | -541 Jun 12 j 14:35                        | 0°ಅ<br>೧೯೮೪                             |             |
| retrograde                              | -542 Aug 07 j 03:21                        | 28° <b>Ω</b> 45'02                            |            | desc. node                | -541 Jun 30 j 18:27                        | 27° <b>©</b> 30'32<br>0° <b>Ω</b>       |             |
| evening set<br>min. Earth dist.         | -542 Aug 14 j 05:40                        | 26° <b>Ω</b> 00'47<br>22° <b>Ω</b> 34'03      | 0.64393 AU | avaning mey al            | -541 Jul 02 j 21:24<br>-541 Jul 07 j 00:41 | 0°87<br>4°Ω19'18                        | 27022142    |
| inferior conj                           | -542 Aug 17 j 22:46<br>-542 Aug 20 j 06:46 | 22° <b>∂</b> ℓ34'03<br>20° <b>Ω</b> 03'31     |            | evening max el retrograde | -541 Jul 0/j 00:41<br>-541 Jul 20 j 19:10  | 11° <b>Ω</b> 38'03                      | 21 2243     |
| minimum elong                           | -542 Aug 20 j 11:13                        | 19° <b>Ω</b> 51'30                            |            | evening set               | -541 Jul 27 j 23:58                        | 9° <b>Ω</b> 06'43                       |             |
| morning rise                            | -542 Aug 26 j 17:34                        | 19 <b>δ</b> <i>t</i> 31 30 14° <b>Ω</b> 36'58 | J 1240     | min. Earth dist.          | -541 Jul 27 j 25.38                        |   | 0.62703 AU  |
| morning 1150                            | 572 11ug 20 J 11.54                        | 14 063030                                     |            | mm. Latui uist.           | 5-11-011 51 J 15.49                        | 0 0 6 0 9 3 2                           | 5.02/03 AU  |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 193 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom   | nical year style is used: The   | ne year -900 in   | astronomical cou  | nting style is the year  | 901 BCE in historical cou  | ınting style.   |   |
|---|---|---|---|--|--|---|---|
| inferior conj   | -541 Aug 03 j 10:46   | 3° <b>£</b> 24′15   | -3°59'03  | minimum elong  | -540 Jul 16 j 04:09  | 16° <b>©</b> 14'29  | 4°30'52   |
| minimum elong   | -541 Aug 03 j 15:17   | 3° <b>£</b> 13′20   | 3°58'04   | morning rise   | -540 Jul 23 j 09:15  | 11° <b>©</b> 34'55  |   |
|   | -541 Aug 07 j 07:31   | 30° <b>₹</b> 5  |   | direct   | -540 Jul 25 j 20:53  | 11° <b>©</b> 10'44  |   |
| morning rise  | -541 Aug 10 j 07:50   | 28° <b>©</b> 16'36  |   | morning max el   | -540 Aug 02 j 01:51  | 14° <b>5</b> 43'10  | 18°05'34  |
| direct  | -541 Aug 12 j 20:28   | 27° <b>©</b> 47'23  |   | asc. node  | -540 Aug 03 j 14:12  | 16° <b>©</b> 18'55  |   |
| asc. node   | -541 Aug 17 j 17:10   | 29° <b>©</b> 37'34  |   |  | -540 Aug 12 j 14:23  | $0$ ° $\Omega$  |   |
|   | -541 Aug 18 j 04:44   | $0$ $\circ$ $\Omega$  |   | morning set  | -540 Aug 17 j 23:46  | 9° <b>£</b> 53′16   |   |
| morning max el  | -541 Aug 19 j 13:04   | 1° <b>Ω</b> 12'39   | 17°53'40  |  |  |   |   |
| morning set   | -541 Sep 04 j 19:53   | 26° <b>Ω</b> 35'21  |   | superior conj  | -540 Aug 27 j 21:15  | 28° <b>Ω</b> 02'28  |   |
|   | -541 Sep 06 j 17:55   | 0° <b>™</b>   |   | minimum elong  | -540 Aug 28 j 01:13  | 28° <b>Ω</b> 20'06  | 1°31'07   |
|   | 541.0 46:05.04  | 1.00 0.0110   | 10000   | 75 d 15 d  | -540 Aug 28 j 23:46  | 0° <b>m</b>   | 1 41 624 477  |
| superior conj   | -541 Sep 16 j 05:04   | 16° Mp 26'10  |   | max. Earth dist.   | -540 Sep 04 j 11:58  | -   | 1.41634 AU  |
| minimum elong   | -541 Sep 16 j 10:11   | 16° Mp 47'45  |   | evening rise   | -540 Sep 10 j 01:36  | 20° m/20'10   |   |
| max. Earth dist.  | -541 Sep 23 j 02:41   |   | 1.43317 AU  | desc. node   | -540 Sep 12 j 14:48  | 24° m/23'51   |   |
| daga mada   | -541 Sep 24 j 10:35   | 0° <u>Ω</u><br>2° <b>Ω</b> 40!27  |   |  | -540 Sep 16 j 05:01  | 0° <b>Մ</b>   |   |
| desc. node<br>evening rise  | -541 Sep 26 j 17:46<br>-541 Oct 01 j 06:52  | 3° <b>♀</b> 40'37<br>10° <b>♀</b> 49'22   |   | evening max el   | -540 Oct 07 j 08:00<br>-540 Oct 13 j 09:28   | 6°M55'57  | 22025157  |
| evening rise  | -541 Oct 01 j 06.32   | 0°M   |   | retrograde   | -540 Oct 23 j 04:17  | 12°M44'57   | 22 33 37  |
| evening max el  | -541 Oct 31 j 16:18   | 23°M27'19   | 21018158  | evening set  | -540 Oct 27 j 19:34  | 12 11044 57<br>10°M51'59  |   |
| retrograde  | -541 Nov 09 j 09:04   | 28°M37'27   | 21 10 30  | asc. node  | -540 Oct 30 j 13:23  | 8°M00'08  |   |
| evening set   | -541 Nov 13 j 12:03   | 27°M02'02   |   | inferior conj  | -540 Nov 02 j 03:46  | 4°M32'14  | 0°53'14   |
| asc. node   | -541 Nov 13 j 16:22   | 26°M53'26   |   | minimum elong  | -540 Nov 02 j 02:33  | 4°M36'25  | 0°52'42   |
| inferior conj   | -541 Nov 18 j 20:48   | 20°M48'11   | 1°42'54   | min. Earth dist.   | -540 Nov 02 j 00:39  | 4°M43'00  | 0.67634 AU  |
| minimum elong   | -541 Nov 18 j 18:39   | 20°M55'35   |   | mm. Lattii dist.   | -540 Nov 05 j 16:24  | 30°R <b>Ω</b>   | 0.07034 AC  |
| min. Earth dist.  | -541 Nov 19 j 04:19   | 20°M22'16   |   | morning rise   | -540 Nov 07 j 09:25  | 28° <b>£</b> 20'38  |   |
| morning rise  | -541 Nov 24 j 01:06   | 14°M34'43   | 0.07427710  | direct   | -540 Nov 11 j 21:54  | 26° <b>⊆</b> 30'16  |   |
| direct  | -541 Nov 29 j 04:30   | 12°M21'57   |   | direct   | -540 Nov 19 j 01:47  | 0°M   |   |
| morning max el  | -541 Dec 09 j 15:49   | 18°M36'05   | 23°30'43  | morning max el   | -540 Nov 21 j 04:04  | 1°M58'24  | 22°04'11  |
| morning max er  | -541 Dec 19 j 05:32   | 0° <b>∡</b> 7   | 25 50 15  | desc. node   | -540 Dec 09 j 14:02  | 26°M05'22   | 22 0111   |
| desc. node  | -541 Dec 23 j 17:00   | 6° <b>₰</b> 07'00   |   | dese. node   | -540 Dec 12 j 05:19  | 0° <b>⊼</b>   |   |
| dese. node  | -540 Jan 08 j 12:08   | 0°る   |   | morning set  | -540 Dec 23 j 23:44  | 18° <b>√</b> 15'22  |   |
| morning set   | -540 Jan 13 j 19:57   | 8° <b>る</b> 47'45   |   | max. Earth dist.   | -540 Dec 29 j 20:23  |   | 1.41164 AU  |
| max. Earth dist.  | -540 Jan 17 j 22:40   |   | 1.39072 AU  |  | -540 Dec 31 j 02:44  | 8°0   |   |
|   |   |   |   |  |  |   |   |
|   |   |   |   |  |  |   |   |
| superior conj   | -540 Jan 25 j 10:43   | 29° <b>る</b> 27'45  | -1°53'51  | superior conj  | -539 Jan 06 j 14:15  | 11° <b>る</b> 12'49  | -2°01'03  |
| superior conj<br>minimum elong  | -540 Jan 25 j 10:43<br>-540 Jan 25 j 13:39  | 29°පි27'45<br>29°පි41'30  |   | superior conj<br>minimum elong   | -539 Jan 06 j 14:15<br>-539 Jan 06 j 14:28   | 11°පි12'49<br>11°පි13'50  |   |
|   | -   |   |   |  | -  |   |   |
|   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17   | 29° <b>ප්</b> 41'30   |   |  | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13  | 11° <b>る</b> 13'50  |   |
| minimum elong   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37  | 29° <b>ප්</b> 41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23  |   | minimum elong  | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02   | 11° <b>ප</b> 13'50<br>0°≈   |   |
| minimum elong evening rise  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17   | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0°升   | 1°53'41   | minimum elong evening rise   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58  | 11°る13'50<br>0°≈<br>0°≈14'48  |   |
| minimum elong evening rise  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43  | 29° <b>ප්</b> 41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23  |   | evening rise<br>asc. node<br>evening max el<br>retrograde  | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41   | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16   | 2°01'03   |
| minimum elong evening rise asc. node evening max el retrograde  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10   | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0°升<br>13°升30'22<br>17°升22'06   | 1°53'41   | evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29  | 11° <b>ठ</b> 13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32   | 2°01'03<br>18°14'47   |
| evening rise<br>asc. node<br>evening max el<br>retrograde<br>evening set  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10  | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩ 30'22<br>17° ₩ 22'06<br>17° ₩ 02'39   | 1°53'41<br>18°41'17   | evening rise asc. node evening max el retrograde evening set inferior conj   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08   | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32<br>29°≈48'39<br>29°≈21'16<br>24°≈36'36   | 2°01'03<br>18°14'47<br>3°37'39  |
| evening rise asc. node  evening max el retrograde evening set inferior conj   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22   | 29° <b>♂</b> 41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0°¥<br>13°¥30'22<br>17°¥22'06<br>17°¥02'39<br>12°¥38'40  | 1°53'41<br>18°41'17<br>2°54'19  | evening rise asc. node evening max el retrograde evening set inferior conj minimum elong   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34  | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32<br>29°≈48'39<br>29°≈21'16<br>24°≈36'36<br>24°≈31'14  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21   |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 09 j 04:38  | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₭<br>13° ₭30'22<br>17° ₭22'06<br>17° ₭02'39<br>12° ₭38'40<br>12° ₭30'34  | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20   | evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 22 j 06:59  | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32<br>29°≈48'39<br>29°≈21'16<br>24°≈36'36<br>24°≈31'14<br>21°≈40'06   | 2°01'03<br>18°14'47<br>3°37'39  |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 09 j 04:38<br>-540 Mar 12 j 08:53   | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₭<br>13° ₭30'22<br>17° ₭22'06<br>17° ₭02'39<br>12° ₭38'40<br>12° ₭30'34<br>10° ₭07'40  | 1°53'41<br>18°41'17<br>2°54'19  | evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 22 j 06:59<br>-539 Feb 26 j 00:33  | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32<br>29°≈48'39<br>29°≈21'16<br>24°≈36'36<br>24°≈31'14<br>21°≈40'06<br>18°≈57'23  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21   |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 09 j 04:38<br>-540 Mar 12 j 08:53<br>-540 Mar 16 j 22:17  | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₭<br>13° ₭30'22<br>17° ₭22'06<br>17° ₭02'39<br>12° ₭38'40<br>12° ₭30'34<br>10° ₭07'40<br>7° ₭22'17   | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 22 j 06:59<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48   | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32<br>29°≈48'39<br>29°≈21'16<br>24°≈36'36<br>24°≈31'14<br>21°≈40'06<br>18°≈57'23<br>16°≈58'38   | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 09 j 04:38<br>-540 Mar 12 j 08:53<br>-540 Mar 16 j 22:17<br>-540 Mar 20 j 16:11   | 29°₹41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29  | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node  | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 22 j 06:59<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12  | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32<br>29°≈48'39<br>29°≈21'16<br>24°≈36'36<br>24°≈31'14<br>21°≈40'06<br>18°≈57'23<br>16°≈58'38<br>17°≈22'02  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 09 j 04:38<br>-540 Mar 12 j 08:53<br>-540 Mar 16 j 22:17<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46  | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03   | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20<br>0.57834 AU   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 22 j 06:59<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34   | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32<br>29°≈48'39<br>29°≈21'16<br>24°≈36'36<br>24°≈31'14<br>21°≈40'06<br>18°≈57'23<br>16°≈58'38<br>17°≈22'02<br>24°≈44'13   | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02  | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03<br>13° ₩34'35   | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20<br>0.57834 AU   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node  | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 22 j 06:59<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Mar 23 j 16:24  | 11°る13'50<br>0°≈<br>0°≈14'48<br>17°≈14'16<br>26°≈17'32<br>29°≈48'39<br>29°≈21'16<br>24°≈36'36<br>24°≈31'14<br>21°≈40'06<br>18°≈57'23<br>16°≈58'38<br>17°≈22'02<br>24°≈44'13<br>0°米  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU   |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 Apr 18 j 22:43   | 29°♂41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03<br>13° ₩34'35<br>0° ❤   | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20<br>0.57834 AU   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05  | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07   | 29°₹41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03<br>13° ₩34'35<br>0° Ψ<br>28° Ψ'50'20  | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20<br>0.57834 AU   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 19 j 01:46   | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°介 13°介37'55  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU   |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 05 j 06:21  | 29°₹41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03<br>13° ₩34'35<br>0° Ψ<br>28° Ψ50'20<br>0° ₩   | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20<br>0.57834 AU   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node  | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 19 j 01:46<br>-539 Apr 24 j 12:03  | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°介 13°介37'55 25°介14'02  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24                                     |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07   | 29°₹41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03<br>13° ₩34'35<br>0° Ψ<br>28° Ψ'50'20  | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20<br>0.57834 AU   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 19 j 01:46   | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°介 13°介37'55  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU   |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 05 j 06:21<br>-540 May 07 j 15:01   | 29°♂41'30 0°≈ 17°≈10'31 28°≈28'23 0°ℋ 13°ℋ30'22 17°ℋ22'06 17°ℋ02'39 12°ℋ38'40 12°ℋ30'34 10°ℋ07'40 7°ℋ22'17 6°ℋ11'29 6°ℋ02'03 13°ℋ34'35 0°Ψ 28°Ψ50'20 0°℧ 5°℧03'05   | 1°53'41<br>18°41'17<br>2°54'19<br>2°53'20<br>0.57834 AU<br>26°19'24                                       | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist.   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Apr 12 j 04:05<br>-539 Apr 19 j 01:46<br>-539 Apr 24 j 12:03<br>-539 Apr 25 j 15:19   | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 13°Ŷ37'55 25°Ŷ14'02 27°Ŷ43'08  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24                                     |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node  | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 07 j 15:01   | 29°₹41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03<br>13° ₩34'35<br>0° Ψ<br>28° Ψ50'20<br>0° ₩<br>5° ₩03'05  | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 24 j 12:03<br>-539 Apr 25 j 15:19   | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 13°升37'55 25°升14'02 27°升43'08  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02            |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 09 j 04:38<br>-540 Mar 12 j 08:53<br>-540 Mar 16 j 22:17<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 11 j 15:42   | 29°₹41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03<br>13° ₩34'35<br>0° Ψ<br>28° ₩50'20<br>0° ₩<br>5° ₩03'05<br>14° ₩00'32<br>13° ₩50'59  | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49                                  | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist.   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 22 j 06:59<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 19 j 01:46<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 05:07  | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°Y 13°Y37'55 25°Y14'02 27°Y43'08  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24                                     |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node superior conj minimum elong max. Earth dist.                             | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 16 j 22:17<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 11 j 15:42<br>-540 May 12 j 02:31   | 29°₹41'30<br>0°≈<br>17°≈10'31<br>28°≈28'23<br>0° ₩<br>13° ₩30'22<br>17° ₩22'06<br>17° ₩02'39<br>12° ₩38'40<br>12° ₩30'34<br>10° ₩07'40<br>7° ₩22'17<br>6° ₩11'29<br>6° ₩02'03<br>13° ₩34'35<br>0° Ψ<br>28° Ψ50'20<br>0° ₩<br>5° ₩03'05<br>14° ₩00'32<br>13° ₩50'59<br>14° ₩50'18  | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24   | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 22 j 06:59<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 24 j 12:03<br>-539 Apr 25 j 15:19<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 04:19<br>-539 Apr 26 j 16:17   | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°Y 13°Y37'55 25°Y14'02 27°Y43'08  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02            |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node   | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 20 j 16:11<br>-540 Apr 05 j 23:02<br>-540 Apr 18 j 22:43<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 11 j 15:42<br>-540 May 12 j 02:31<br>-540 May 18 j 17:11   | 29°₹41'30 0°≈ 17°≈10'31 28°≈28'23 0°₩ 13°₩30'22 17°₩22'06 17°₩02'39 12°₩38'40 12°₩30'34 10°₩07'40 7°₩22'17 6°₩11'29 6°₩02'03 13°₩34'35 0°Ψ 28°Ψ50'20 0°₩ 5°₩03'05 14°₩00'32 13°₩50'59 14°₩50'18 29°₩03'56   | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49                                  | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 25 j 15:19<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 04:19<br>-539 Apr 26 j 16:17<br>-539 May 03 j 02:52  | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°Y 13°Y37'55 25°Y14'02 27°Y43'08 28°Y58'47 28°Y54'22 0°8 13°\57'05  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02            |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node superior conj minimum elong max. Earth dist.                             | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 16:11<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 11 j 15:42<br>-540 May 12 j 02:31<br>-540 May 18 j 17:11<br>-540 May 19 j 03:58  | 29°る41'30 0°≈ 17°≈10'31 28°≈28'23 0°升 13°升30'22 17°升22'06 17°升02'39 12°升38'40 12°升30'34 10°升07'40 7°升22'17 6°升11'29 6°升02'03 13°升34'35 0°Y 28°Y50'20 0°뭥 5°엉03'05 14°엉00'32 13°엉50'59 14°엉50'18 29°엉03'56 0°用   | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49                                  | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist.  superior conj minimum elong evening rise                                   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 07 j 13:12<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 24 j 12:03<br>-539 Apr 25 j 15:19<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 04:19<br>-539 Apr 26 j 16:17<br>-539 May 03 j 02:52<br>-539 May 11 j 05:36   | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°介 13°Y37'55 25°Y14'02 27°Y43'08 28°Y58'47 28°Y54'22 0°뭥 13°엉57'05 0°Ⅱ  | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02<br>0°17'52 |
| minimum elong evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 11 j 17:26<br>-540 May 12 j 02:31<br>-540 May 12 j 02:31<br>-540 May 19 j 03:58<br>-540 Jun 04 j 20:49  | 29°る41'30 0°≈ 17°≈10'31 28°≈28'23 0°升 13°升30'22 17°升22'06 17°升02'39 12°升38'40 12°升30'34 10°升07'40 7°升22'17 6°升1'29 6°升02'03 13°升34'35 0°Y 28°Y50'20 0°岁 5°岁03'05 14°岁00'32 13°岁50'59 14°岁50'18 29°岁03'56 0°用 0°鬡  | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49                                  | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong   | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 04:19<br>-539 Apr 26 j 16:17<br>-539 May 03 j 02:52<br>-539 May 11 j 05:36<br>-539 May 31 j 02:34  | 11°る13'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°介 13°Y37'55 25°Y14'02 27°Y43'08 28°Y58'47 28°Y54'22 0°႘ 13°႘57'05 0°Ⅱ 28°Ⅱ04'44                                | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02            |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise               | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 11 j 17:26<br>-540 May 12 j 02:31<br>-540 May 19 j 03:58<br>-540 Jun 04 j 20:49<br>-540 Jun 16 j 15:29  | 29°る41'30 0°≈ 17°≈10'31 28°≈28'23 0°升 13°升30'22 17°升22'06 17°升02'39 12°升38'40 12°升30'34 10°升07'40 7°升22'17 6°升11'29 6°升02'03 13°升34'35 0°Y 28°Y50'20 0°႘ 5°႘03'05 14°႘00'32 13°႘50'59 14°႘50'18 29°႘03'56 0°Д 0°© 15°©01'24   | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49 1.32478 AU                       | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong evening rise evening max el                     | -539 Jan 06 j 14:28<br>-539 Jan 16 j 21:02<br>-539 Jan 17 j 00:13<br>-539 Jan 26 j 12:43<br>-539 Feb 02 j 07:58<br>-539 Feb 09 j 08:41<br>-539 Feb 11 j 22:29<br>-539 Feb 18 j 22:08<br>-539 Feb 19 j 00:34<br>-539 Feb 26 j 00:33<br>-539 Feb 26 j 00:33<br>-539 Mar 04 j 13:48<br>-539 Mar 07 j 13:12<br>-539 Mar 18 j 20:34<br>-539 Mar 23 j 16:24<br>-539 Apr 12 j 04:05<br>-539 Apr 26 j 01:46<br>-539 Apr 26 j 05:07<br>-539 Apr 26 j 04:19<br>-539 May 03 j 02:52<br>-539 May 11 j 05:36<br>-539 May 11 j 05:36 | 11°313'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°Y 13°Y37'55 25°Y14'02 27°Y43'08 28°Y58'47 28°Y54'22 0°႘ 13°႘57'05 0°Ⅱ 28°Ⅱ04'44 0°©                            | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02<br>0°17'52 |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise               | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 22 j 14:46<br>-540 Apr 05 j 23:02<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 12 j 02:31<br>-540 May 12 j 02:31<br>-540 May 13 j 03:58<br>-540 Jun 04 j 20:49<br>-540 Jun 16 j 15:29<br>-540 Jun 18 j 04:52   | 29°₹41'30 0°≈ 17°≈10'31 28°≈28'23 0° ₩ 13° ₩ 30'22 17° ₩ 22'06 17° ₩ 02'39 12° ₩ 38'40 12° ₩ 30'34 10° ₩ 07'40 7° ₩ 22'17 6° ₩ 11'29 6° ₩ 02'03 13° ₩ 34'35 0° Ψ 28° Ψ 50'20 0° ₩ 5° ₩ 03'05 14° ₩ 50'18 29° ₩ 03'56 0° Ⅲ 0° \$\mathbb{G}\$ 15° \$\mathbb{G}\$01'24 16° \$\mathbb{G}\$33'58                                   | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49                                  | minimum elong  evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong evening rise evening max el  desc. node         | -539 Jan 06 j 14:28 -539 Jan 16 j 21:02 -539 Jan 17 j 00:13 -539 Jan 26 j 12:43 -539 Feb 02 j 07:58 -539 Feb 09 j 08:41 -539 Feb 11 j 22:29 -539 Feb 18 j 22:08 -539 Feb 19 j 00:34 -539 Feb 22 j 06:59 -539 Feb 26 j 00:33 -539 Mar 04 j 13:48 -539 Mar 07 j 13:12 -539 Mar 18 j 20:34 -539 Mar 23 j 16:24 -539 Apr 12 j 04:05 -539 Apr 12 j 04:05 -539 Apr 26 j 15:19 -539 Apr 26 j 05:07 -539 Apr 26 j 04:19 -539 Apr 26 j 16:17 -539 May 03 j 02:52 -539 May 11 j 05:36 -539 May 31 j 02:34 -539 Jun 02 j 05:58 -539 Jun 03 j 12:29  | 11°313'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 0°Y 13°Y37'55 25°Y14'02 27°Y43'08 28°Y58'47 28°Y54'22 0°8 13°857'05 0°Ⅱ 28°Ⅱ04'44 0°© 1°©01'04                   | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02<br>0°17'52 |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise               | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 20 j 16:11<br>-540 Apr 05 j 23:02<br>-540 Apr 18 j 22:43<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 12 j 02:31<br>-540 May 12 j 02:31<br>-540 May 18 j 17:11<br>-540 May 19 j 03:58<br>-540 Jun 04 j 20:49<br>-540 Jun 16 j 15:29<br>-540 Jun 18 j 04:52<br>-540 Jun 18 j 04:52<br>-540 Jun 02 j 03:57                       | 29°₹41'30 0°≈ 17°≈10'31 28°≈28'23 0° ₩ 13° ₩30'22 17° ₩22'06 17° ₩02'39 12° ₩38'40 12° ₩30'34 10° ₩07'40 7° ₩22'17 6° ₩11'29 6° ₩02'03 13° ₩34'35 0° Ψ 28° Ψ50'20 0° ੴ 5° ੴ03'05 14° ੴ00'32 13° ₩50'59 14° ₩50'18 29° ₩03'56 0° Ⅲ 0° © 15° ©01'24 16° ©33'58 23° ©50'51   | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49 1.32478 AU                       | evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong evening rise evening max el  desc. node retrograde             | -539 Jan 06 j 14:28 -539 Jan 16 j 21:02 -539 Jan 17 j 00:13 -539 Jan 26 j 12:43 -539 Feb 02 j 07:58 -539 Feb 09 j 08:41 -539 Feb 11 j 22:29 -539 Feb 18 j 22:08 -539 Feb 19 j 00:34 -539 Feb 22 j 06:59 -539 Feb 26 j 00:33 -539 Mar 04 j 13:48 -539 Mar 07 j 13:12 -539 Mar 18 j 20:34 -539 Mar 23 j 16:24 -539 Apr 12 j 04:05 -539 Apr 12 j 04:05 -539 Apr 24 j 12:03 -539 Apr 25 j 15:19 -539 Apr 26 j 04:19 -539 Apr 26 j 04:19 -539 Apr 26 j 16:17 -539 May 03 j 02:52 -539 May 11 j 05:36 -539 May 31 j 02:34 -539 Jun 02 j 05:58 -539 Jun 03 j 12:29 -539 Jun 14 j 04:04                                    | 11°313'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 13°Y37'55 25°Y14'02 27°Y43'08 28°Y58'47 28°Y54'22 0°8 13°857'05 0°Ⅱ 28°Ⅱ04'44 0°© 1°©01'04 5°©17'35              | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02<br>0°17'52 |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el morning set asc. node superior conj minimum elong max. Earth dist. evening rise                | -540 Jan 25 j 13:39 -540 Jan 25 j 17:37 -540 Feb 03 j 16:17 -540 Feb 09 j 15:43 -540 Feb 10 j 12:13 -540 Feb 20 j 00:35 -540 Feb 27 j 23:10 -540 Mar 01 j 08:10 -540 Mar 09 j 00:22 -540 Mar 09 j 00:22 -540 Mar 12 j 08:53 -540 Mar 12 j 08:53 -540 Mar 20 j 16:11 -540 Mar 18 j 22:43 -540 May 04 j 17:07 -540 May 07 j 15:01 -540 May 11 j 17:26 -540 May 11 j 17:26 -540 May 12 j 02:31 -540 May 18 j 17:11 -540 May 19 j 03:58 -540 Jun 04 j 20:49 -540 Jun 16 j 15:29 -540 Jun 18 j 04:52 -540 Jul 02 j 03:57 -540 Jul 09 j 00:52 | 29°₹41'30 0°≈ 17°≈10'31 28°≈28'23 0° ₩ 13° ₩30'22 17° ₩22'06 17° ₩02'39 12° ₩38'40 12° ₩30'34 10° ₩07'40 7° ₩22'17 6° ₩11'29 6° ₩02'03 13° ₩34'35 0° Ψ 28° Ψ50'20 0° ੴ 5° ੴ3'05 14° ੴ00'32 13° ੴ50'59 14° ੴ00'32 13° ੴ50'59 14° ੴ00'32 13° №50'59 14° №50'18 29° №03'56 0° Щ 0° © 15° ©01'24 16° ©33'58 23° ©50'51 21° ©46'23 | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49 1.32478 AU  26°52'38             | evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong evening rise evening max el  desc. node retrograde evening set | -539 Jan 06 j 14:28 -539 Jan 16 j 21:02 -539 Jan 17 j 00:13 -539 Jan 26 j 12:43 -539 Feb 02 j 07:58 -539 Feb 09 j 08:41 -539 Feb 11 j 22:29 -539 Feb 18 j 22:08 -539 Feb 19 j 00:34 -539 Feb 26 j 00:33 -539 Feb 26 j 00:33 -539 Mar 04 j 13:48 -539 Mar 07 j 13:12 -539 Mar 18 j 20:34 -539 Mar 23 j 16:24 -539 Apr 12 j 04:05 -539 Apr 12 j 04:05 -539 Apr 26 j 15:19 -539 Apr 26 j 05:07 -539 Apr 26 j 04:19 -539 Apr 26 j 16:17 -539 May 03 j 02:52 -539 May 11 j 05:36 -539 May 11 j 05:36 -539 Jun 02 j 05:58 -539 Jun 03 j 12:29 -539 Jun 14 j 04:04 -539 Jun 20 j 04:12                                    | 11°313'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°¥ 0°Y 13°Y37'55 25°Y14'02 27°Y43'08 28°Y58'47 28°Y54'22 0°8 13°855'05 0°Ⅱ 28°Ⅱ04'44 0°孁 1°໑01'04 5°໑17'35 3°ℱ50'46 | 2°01'03  18°14'47  3°37'39 3°37'21 0.59874 AU  27°20'24  1.32363 AU 0°18'02 0°17'52  25°51'14           |
| evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise               | -540 Jan 25 j 13:39<br>-540 Jan 25 j 17:37<br>-540 Feb 03 j 16:17<br>-540 Feb 09 j 15:43<br>-540 Feb 10 j 12:13<br>-540 Feb 20 j 00:35<br>-540 Feb 27 j 23:10<br>-540 Mar 01 j 08:10<br>-540 Mar 09 j 00:22<br>-540 Mar 12 j 08:53<br>-540 Mar 12 j 08:53<br>-540 Mar 20 j 16:11<br>-540 Mar 20 j 16:11<br>-540 Apr 05 j 23:02<br>-540 Apr 18 j 22:43<br>-540 May 04 j 17:07<br>-540 May 07 j 15:01<br>-540 May 11 j 17:26<br>-540 May 12 j 02:31<br>-540 May 12 j 02:31<br>-540 May 18 j 17:11<br>-540 May 19 j 03:58<br>-540 Jun 04 j 20:49<br>-540 Jun 16 j 15:29<br>-540 Jun 18 j 04:52<br>-540 Jun 18 j 04:52<br>-540 Jun 02 j 03:57                       | 29°₹41'30 0°≈ 17°≈10'31 28°≈28'23 0° ₩ 13° ₩30'22 17° ₩22'06 17° ₩02'39 12° ₩38'40 12° ₩30'34 10° ₩07'40 7° ₩22'17 6° ₩11'29 6° ₩02'03 13° ₩34'35 0° Ψ 28° Ψ50'20 0° ੴ 5° ੴ03'05 14° ੴ00'32 13° ₩50'59 14° ₩50'18 29° ₩03'56 0° Ⅲ 0° © 15° ©01'24 16° ©33'58 23° ©50'51   | 1°53'41  18°41'17  2°54'19 2°53'20 0.57834 AU  26°19'24  0°42'10 0°41'49 1.32478 AU  26°52'38  0.60738 AU | evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set asc. node max. Earth dist. superior conj minimum elong evening rise evening max el  desc. node retrograde             | -539 Jan 06 j 14:28 -539 Jan 16 j 21:02 -539 Jan 17 j 00:13 -539 Jan 26 j 12:43 -539 Feb 02 j 07:58 -539 Feb 09 j 08:41 -539 Feb 11 j 22:29 -539 Feb 18 j 22:08 -539 Feb 19 j 00:34 -539 Feb 22 j 06:59 -539 Feb 26 j 00:33 -539 Mar 04 j 13:48 -539 Mar 07 j 13:12 -539 Mar 18 j 20:34 -539 Mar 23 j 16:24 -539 Apr 12 j 04:05 -539 Apr 12 j 04:05 -539 Apr 24 j 12:03 -539 Apr 25 j 15:19 -539 Apr 26 j 04:19 -539 Apr 26 j 04:19 -539 Apr 26 j 16:17 -539 May 03 j 02:52 -539 May 11 j 05:36 -539 May 31 j 02:34 -539 Jun 02 j 05:58 -539 Jun 03 j 12:29 -539 Jun 14 j 04:04                                    | 11°313'50 0°≈ 0°≈14'48 17°≈14'16 26°≈17'32 29°≈48'39 29°≈21'16 24°≈36'36 24°≈31'14 21°≈40'06 18°≈57'23 16°≈58'38 17°≈22'02 24°≈44'13 0°升 13°Y37'55 25°Y14'02 27°Y43'08 28°Y58'47 28°Y54'22 0°8 13°857'05 0°Ⅱ 28°Ⅱ04'44 0°© 1°©01'04 5°©17'35              | 2°01'03<br>18°14'47<br>3°37'39<br>3°37'21<br>0.59874 AU<br>27°20'24<br>1.32363 AU<br>0°18'02<br>0°17'52 |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -539 Jun 27 j 22:19 28°**II**45'06 -4°41'32 evening max el -538 May 12 j 18:37 8°**Д**56'31 24°26'12 inferior coni -539 Jun 27 j 21:52 28°**II**45'56 4°41'31 -538 May 21 j 09:31 14°**I**I53'42 minimum elong desc. node -539 Jul 05 j 18:00 24°**Ⅲ**21'15 -538 May 26 j 16:37 15°**Ⅲ**57'45 retrograde morning rise -539 Jul 08 j 06:18 24°**Ⅱ**00'35 -538 May 31 j 08:54 15°**Ⅲ**08'42 direct evening set -539 Jul 16 j 08:59 27°**Ⅲ**51′27 -538 Jun 06 j 06:07 12°**Ⅱ**11'22 morning max el 18°37'26 min. Earth dist. 0.56820 AU -539 Jul 18 j 09:44 -538 Jun 08 j 23:35 10°**Ⅲ**27'02 -4°17'53 0ಂತಾ inferior conj -538 Jun 08 j 18:35 asc. node -539 Jul 21 j 11:16 4°900'46 minimum elong 10°**Ⅲ**35′04 4°17'07 6°**Ⅲ**22'34 -538 Jun 17 j 07:05 morning set -539 Aug 01 j 15:48 23°9547'30 morning rise -539 Aug 04 j 20:32 -538 Jun 19 j 21:22 0° $\Omega$ direct 6°**Ⅲ**04'11 morning max el -538 Jun 29 j 07:25 10°**Ⅲ**26'41 19°30'17 superior conj -539 Aug 10 j 11:25 10°**Ω**44'41 1°44'28 asc. node -538 Jul 08 j 08:21 22°II28'39 -539 Aug 10 j 13:11 -538 Jul 12 j 12:39 minimum elong 10°**Ω**52'56 1°44'25 0ಂತಾ -539 Aug 17 j 16:05 23°**Ω**48'41 -538 Jul 16 j 16:21 8°908'03 max. Earth dist. 1.39677 AU morning set -539 Aug 21 j 06:11 0° m evening rise -539 Aug 21 j 19:48 0° m 57'32 superior conj -538 Jul 24 j 17:55 24°9516'25 1°47'21 desc. node -539 Aug 30 j 11:49 15° Mp 00'04 minimum elong -538 Jul 24 j 17:39 24°9515'08 1°47'21 -539 Sep 09 j 13:45 0∘**⊽** -538 Jul 27 j 16:45  $0^{\circ}\Omega$ evening max el -539 Sep 25 j 22:43 20°**₽**27'40 23°56'17 max. Earth dist. -538 Jul 30 j 19:14 5°**Ω**50′52 1.37691 AU retrograde -539 Oct 06 j 20:12 26°**♀**52'23 evening rise -538 Aug 03 j 14:38 12°**Ω**45'31 evening set -539 Oct 12 j 01:24 24°**-**41′21 -538 Aug 13 j 21:15 0° m inferior conj -539 Oct 17 j 10:28 18°**♀**19'43 0°00'01 desc. node -538 Aug 17 j 08:51 5° m 24'34 minimum elong -539 Oct 17 i 10:27 18°**♀**19'43 0°00'00 -538 Sep 04 j 14:30 0∘**⊽** transit middle -539 Oct 17 i 10:27 18°**♀**19'43 0°00'00 evening max el -538 Sep 08 i 10:22 4°**£**03'25 25°13'00 -538 Sep 20 j 07:49 transit begin -539 Oct 17 i 07:44 18°**≏**28'58 retrograde 10°**£**55'51 transit end -539 Oct 17 j 13:11 18°**♀**10'29 evening set -538 Sep 26 j 03:49 8°**₽**28'00 -539 Oct 16 j 21:04 19°**≙**05'12 0.67524 AU min. Earth dist. -538 Sep 30 j 15:05 3°**£**26'59 0.67095 AU min. Earth dist. asc. node -539 Oct 17 j 10:27 18°**£**19'46 -538 Oct 01 j 15:10 2°**2**08'24 -0°55'14 inferior conj -539 Oct 22 j 19:28 -538 Oct 01 j 16:32 0°54'40 morning rise 12° £ 12'35 minimum elong 2°**£**03'55 -539 Oct 26 j 18:24 -538 Oct 03 j 07:22 10°**△**43'49 30°R M direct -539 Nov 03 j 22:42 15°**2**29'27 20°45'23 -538 Oct 04 j 07:31  $28^{\circ}$  Mp 48'38morning max el asc. node -539 Nov 15 j 08:58 morning rise -538 Oct 07 j 05:22  $26^{\circ}$  Mp 08'440°M 24° m 59'03 -539 Nov 26 j 11:05 -538 Oct 10 j 16:39 desc. node 16°M22'38 direct -539 Dec 03 j 02:38 19°39'04 26°M35'51 morning max el -538 Oct 18 j 01:01 29° m 10'37 morning set -539 Dec 05 j 06:51 -538 Oct 18 j 19:54 0∘**⊽** 0° **₹** max. Earth dist. -539 Dec 12 j 01:25 10°**∡**′48′03 1.42996 AU -538 Nov 08 j 21:16 0°M -538 Nov 12 j 00:28 morning set 4°M50'31 -539 Dec 18 j 17:44 21° 🗷 48'59 -1°54'26 -538 Nov 13 j 08:08 superior conj desc. node 6°M53'14 minimum elong -539 Dec 18 j 13:26 21° 230'56 1°54'14 max. Earth dist. -538 Nov 24 j 14:11 24°M31'37 1.44314 AU -539 Dec 23 j 13:05 0°ರ -538 Nov 28 j 00:31 0°**⊼** -539 Dec 30 j 17:13 12°る34'41 evening rise -538 Jan 09 j 19:13 0°**≈** superior conj -538 Nov 28 j 18:17 1°**≯**11'19 -1°30'11 -538 Jan 13 j 09:45 5°≈21'53 minimum elong -538 Nov 28 j 10:18 0° ₹39'16 1°29'26 asc. node -538 Jan 16 j 19:25 9°**≈**24'17 18°07'56 -538 Dec 12 j 14:54 24°**∡**°02'15 evening max el evening rise -538 Jan 23 j 09:08 12°**≈**49′26 -538 Dec 16 j 03:40 0°정 retrograde -538 Jan 26 j 03:19 12°≈12'53 -538 Dec 31 j 06:48 22°る39'58 evening set asc. node -538 Feb 01 i 13:52 -538 Dec 31 j 08:02 22°る43'04 18°20'04 inferior conj 7°≈07'09 3°52'00 evening max el -538 Feb 01 i 13:59 minimum elong 7°≈06'51 3°51'59 retrograde -537 Jan 06 j 20:12 26°る15'03 -538 Feb 04 i 12:33 -537 Jan 09 i 18:56 min. Earth dist. 4°≈10'13 0.61947 AU evening set 25°る28'24 morning rise -538 Feb 07 i 23:27 1°≈13'37 inferior conj -537 Jan 15 j 19:39 20°る02'51 3°45'08 -538 Feb 09 i 23:06 30°Rる minimum elong -537 Jan 15 j 18:01 20°る07'27 3°44'58 direct -538 Feb 14 j 22:49 28°る43'06 min. Earth dist. -537 Jan 18 j 03:35 17°る25'48 0.63799 AU morning rise -538 Feb 20 j 05:44 -537 Jan 21 j 16:29 14°**ප**00'14 0°≈≈ desc. node -538 Feb 22 j 10:16 direct -537 Jan 28 j 15:38 11°る11'48 1°2811'31 6°≈33'45 27°46'09 -537 Feb 09 j 07:18 17°**る**05'32 morning max el -538 Mar 01 j 00:05 desc. node -538 Mar 18 j 18:43 0°**)**€ morning max el -537 Feb 11 j 08:03 19°る01'04 27°35'14 28°**)** 08'21 -538 Apr 03 j 05:49 -537 Feb 20 j 16:23 0°≈ morning set  $0^{\circ}\Upsilon$ -537 Mar 11 j 16:30 0°**)**€ -538 Apr 04 j 03:36 10°**Y**23'57 1.32624 AU max. Earth dist. -538 Apr 09 j 01:35 -537 Mar 18 j 02:50 12°¥13'55 morning set -537 Mar 23 j 05:33 22°¥40′52 1.33289 AU max. Earth dist. -538 Apr 10 j 15:23 13°Y48'46 -0°07'49 superior conj -538 Apr 10 j 15:45 13°Υ50'44 0°07'43 -537 Mar 25 j 22:27 28°\ 24'41 -0°34'25 minimum elong superior conj

minimum elong

asc. node

evening rise

evening max el

-537 Mar 26 j 00:06

-537 Mar 26 j 16:16

-537 Mar 29 j 06:09

-537 Apr 02 j 02:02

-537 Apr 10 j 08:56

-537 Apr 24 j 09:52

28°\(\mathbf{X}\) 33'27 0°34'04

19°831'21 22°51'04

 $0^{\circ}\Upsilon$ 

0°8

5°**Y**32'34 13°**Y**42'40

-538 Apr 10 j 11:14

-538 Apr 10 j 20:15

-538 Apr 11 j 09:05

-538 Apr 17 j 14:24

-538 Apr 18 j 03:18

-538 May 05 j 03:15

behind sun begin

behind sun end

asc. node

evening rise

13°**Y**26'14

14°Υ15'15

15°**Y**25′08

28°**Y**52'02

0°8

 $\Pi^{\circ}0$ 

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 195

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronon | nical year style is used: The              | he year -900 in           | astronomical cou | inting style is the year | 001 BCE in historical cou | inting style.                           |             |
|---------------------|--|---------------------------|------------------|--------------------------|---------------------------|---|-------------|
| retrograde          | -537 May 07 j 16:19                        | 26° <b>8</b> 05'37        |                  | retrograde               | -536 Apr 17 j 06:57       | 6° <b>8</b> 08'38                       |             |
| desc. node          | -537 May 08 j 06:33                        | 26° <b>8</b> 04'50        |                  | evening set              | -536 Apr 19 j 15:53       | 5° <b>8</b> 55'43                       |             |
| evening set         | -537 May 10 j 23:12                        | 25° <b>8</b> 41'57        |                  | desc. node               | -536 Apr 24 j 03:33       | 4° <b>8</b> 28'49                       |             |
| min. Earth dist.    | -537 May 18 j 18:51                        | 22° <b>8</b> 15'39        | 0.55498 AU       | inferior conj            | -536 Apr 29 j 00:47       | 1° <b>8</b> 55'33                       | -1°23'10    |
| inferior conj       | -537 May 20 j 05:45                        | 21° <b>8</b> 25'27        | -3°10'03         | minimum elong            | -536 Apr 28 j 20:53       | 2° <b>8</b> 01'02                       | 1°21'48     |
| minimum elong       | -537 May 19 j 22:40                        | 21° <b>8</b> 35'40        | 3°08'06          | min. Earth dist.         | -536 Apr 29 j 07:47       | 1° <b>8</b> 45'42                       | 0.55006 AU  |
| morning rise        | -537 May 29 j 00:28                        | 17° <b>8</b> 31'22        |                  |                          | -536 May 02 j 13:49       | 30° <b>ŖƳ</b>                           |             |
| direct              | -537 May 31 j 18:16                        | 17° <b>8</b> 13'42        |                  | morning rise             | -536 May 08 j 02:15       | 27° <b>Ƴ</b> 54'31                      |             |
| morning max el      | -537 Jun 11 j 19:07                        | 22° <b>8</b> 21'07        | 20°43'46         | direct                   | -536 May 11 j 04:52       | 27° <b>Y</b> 33'30                      |             |
|                     | -537 Jun 18 j 06:27                        | $\Pi^{\circ}0$            |                  |                          | -536 May 19 j 05:20       | 0°8                                     |             |
| asc. node           | -537 Jun 25 j 05:25                        | 11° <b>Ⅱ</b> 31′29        |                  | morning max el           | -536 May 23 j 20:07       | 3° <b>8</b> 33'49                       | 22°14'36    |
| morning set         | -537 Jun 30 j 22:40                        | 22° <b>Ⅱ</b> 47'18        |                  |                          | -536 Jun 10 j 14:13       | $\Pi^{\circ}0$                          |             |
|                     | -537 Jul 04 j 10:22                        | 0°€                       |                  | asc. node                | -536 Jun 11 j 02:29       | 1° <b>Ⅱ</b> 00'37                       |             |
|                     |  |                           |                  | morning set              | -536 Jun 14 j 08:38       | 7° <b>Ⅲ</b> 39'14                       |             |
| superior conj       | -537 Jul 08 j 12:02                        | 8° <b>5</b> 24'10         | 1°42'16          |                          |                           |   |             |
| minimum elong       | -537 Jul 08 j 10:23                        | 8° <b>©</b> 15'43         | 1°42'10          | superior conj            | -536 Jun 21 j 14:12       | 22° <b>Ⅲ</b> 57′21                      | 1°30'59     |
| max. Earth dist.    | -537 Jul 13 j 03:07                        | 17°5540'38                | 1.35899 AU       | minimum elong            | -536 Jun 21 j 11:50       | 22° <b>∏</b> 44'50                      | 1°30'44     |
| evening rise        | -537 Jul 17 j 06:09                        | 25°534'06                 |                  | C                        | -536 Jun 24 j 23:23       | 0°ಅ                                     |             |
| <i>8</i>            | -537 Jul 19 j 16:01                        | $0^{\circ}\Omega$         |                  | max. Earth dist.         | -536 Jun 24 j 19:41       |   | 1.34444 AU  |
| desc. node          | -537 Aug 04 j 05:53                        | 25° <b>Ω</b> 31'14        |                  | evening rise             | -536 Jun 29 j 13:24       | 9° <b>\$</b> \$10'20                    |             |
|                     | -537 Aug 07 j 08:38                        | 0° <b>m</b> )             |                  |                          | -536 Jul 11 j 03:37       | $0^{\circ}\Omega$                       |             |
| evening max el      | -537 Aug 21 j 21:59                        | 17° <b>m</b> ) 39'27      | 26°18'22         | desc. node               | -536 Jul 21 j 02:55       | 15° <b>Ω</b> 12'15                      |             |
| retrograde          | -537 Sep 03 j 14:34                        | 24° mp 49'49              | 20 10 22         | desc. node               | -536 Aug 02 j 06:02       | 0° mp                                   |             |
| evening set         | -537 Sep 03 j 14.34<br>-537 Sep 10 j 00:47 | 22° m 08'59               |                  | evening max el           | -536 Aug 02 j 00:02       | עוי<br>1°10 <b>/</b> 08'17              | 27004142    |
| min. Earth dist.    | -537 Sep 10 j 00.47                        |                           | 0.66331 AU       | retrograde               | -536 Aug 16 j 16:08       | 8° Mp 27'25                             | 27 04 42    |
|                     |  |                           |                  | •                        | • •                       |   |             |
| inferior conj       | -537 Sep 15 j 15:58                        | 15° m 55'12               |                  | evening set              | -536 Aug 23 j 13:58       | 5° Mp 41'04                             | 0.65202.444 |
| minimum elong       | -537 Sep 15 j 18:45                        | 15° Mp 46'38              | 1°49'48          | min. Earth dist.         | -536 Aug 27 j 10:16       | •                                       | 0.65203 AU  |
| asc. node           | -537 Sep 21 j 04:36                        | 10° m 18'59               |                  | inferior conj            | -536 Aug 29 j 10:46       | 29° <b>Ω</b> 36'41                      |             |
| morning rise        | -537 Sep 21 j 13:02                        | 10° Mp 06'04              |                  | minimum elong            | -536 Aug 29 j 14:45       | 29° <b>£</b> 25′20                      | 2°43'31     |
| direct              | -537 Sep 24 j 14:52                        | 9° <b>m</b> 12'09         |                  |                          | -536 Aug 29 j 02:35       | 30°RΩ                                   |             |
| morning max el      | -537 Oct 01 j 10:09                        | 12° m 59'33               | 18°47'47         | morning rise             | -536 Sep 04 j 16:12       | 24°Ω01'10                               |             |
|                     | -537 Oct 13 j 18:38                        | 0∘ <b>⊽</b>               |                  | direct                   | -536 Sep 07 j 10:54       | 23° <b>Ω</b> 19'27                      |             |
| morning set         | -537 Oct 22 j 16:42                        | 14° <b>≏</b> 05'03        |                  | asc. node                | -536 Sep 07 j 01:39       | 23° <b>Ω</b> 20′15                      |             |
| desc. node          | -537 Oct 31 j 05:10                        | 27° <b>₽</b> 32'32        |                  | morning max el           | -536 Sep 13 j 23:55       | 26° <b>Ω</b> 51'54                      | 18°12'57    |
|                     | -537 Nov 01 j 18:38                        | 0°M₊                      |                  |                          | -536 Sep 16 j 17:32       | 0° <b>m</b> ⁄                           |             |
|                     |  |                           |                  | morning set              | -536 Oct 02 j 13:19       | 24° Mp 43'57                            |             |
| superior conj       | -537 Nov 07 j 22:08                        | 9°M39'54                  | -0°48'57         |                          | -536 Oct 05 j 18:06       | 0∘ <b>⊽</b>                             |             |
| minimum elong       | -537 Nov 07 j 15:57                        | 9° <b>™</b> 15'33         | 0°48'10          |                          |                           |   |             |
| max. Earth dist.    | -537 Nov 07 j 07:49                        | 8°M43'33                  | 1.44959 AU       | superior conj            | -536 Oct 17 j 00:48       | 18° <b>≙</b> 11'49                      | 0°00'24     |
|                     | -537 Nov 20 j 17:58                        | 0° <b>∡</b> ¹             |                  | minimum elong            | -536 Oct 17 j 00:51       | 18° <b>≏</b> 11'59                      | 0°00'23     |
| evening rise        | -537 Nov 23 j 13:29                        | 4° <b>∡</b> ³30′52        |                  | behind sun begin         | -536 Oct 16 j 13:54       | 17° <b>≏</b> 28'32                      |             |
|                     | -537 Dec 09 j 20:12                        | 0°ප                       |                  | behind sun end           | -536 Oct 17 j 11:47       | 18° <b>≙</b> 55'23                      |             |
| evening max el      | -537 Dec 14 j 19:07                        | 6° <b>ප</b> 07'33         | 18°50'16         | desc. node               | -536 Oct 17 j 02:15       | 18° <b>≏</b> 17'33                      |             |
| asc. node           | -537 Dec 18 j 03:52                        | 8° <b>ප</b> 54'04         |                  | max. Earth dist.         | -536 Oct 20 j 02:29       | 23° <b>₽</b> 03'13                      | 1.44868 AU  |
| retrograde          | -537 Dec 21 j 13:47                        | 9° <b>ප</b> 57'01         |                  |                          | -536 Oct 24 j 12:37       | 0° <b>M</b>                             |             |
| evening set         | -537 Dec 24 j 18:03                        | 8° <b>ろ</b> 59'08         |                  | evening rise             | -536 Nov 02 j 12:50       | 14°M03'09                               |             |
| inferior conj       | -537 Dec 30 j 11:40                        | 3° <b>⋜</b> 16'10         | 3°23'09          | Ü                        | -536 Nov 12 j 20:15       | 0° <b>∡</b> ¹                           |             |
| minimum elong       | -537 Dec 30 j 09:04                        | 3°₹24'08                  | 3°22'39          | greatest brilliancy      | -536 Nov 14 j 18:19       | 2° <b>∡</b> ¹55'06                      | -0.7m       |
| min. Earth dist.    | -536 Jan 01 j 04:19                        | 1° <b>る</b> 11'18         | 0.65300 AU       | evening max el           | -536 Nov 27 j 02:31       | 19° <b>∡</b> ³34'37                     | 19°37'06    |
|                     | -536 Jan 02 j 04:25                        | 30°R. <b>✓</b>            |                  | retrograde               | -536 Dec 04 j 10:39       | 23° <b>х</b> 50′23                      |             |
| morning rise        | -536 Jan 04 j 23:47                        | 27° <b>₹</b> 07'31        |                  | asc. node                | -536 Dec 04 j 00:54       | 23° <b>✓</b> 49'27                      |             |
| direct              | -536 Jan 11 j 15:06                        | 24° 🖈 15'55               |                  | evening set              | -536 Dec 07 j 22:05       | 22° <b>✓</b> 39'37                      |             |
| direct              | -536 Jan 22 j 17:32                        | 0°る                       |                  | inferior conj            | -536 Dec 13 j 10:51       | 16° <b>₹</b> 42'10                      | 2°50'16     |
| morning max el      | -536 Jan 24 j 17:51                        | 1° <b>る</b> 55'19         | 26°51'54         | minimum elong            | -536 Dec 13 j 08:00       | 16° <b>₹</b> 51'29                      | 2°49'29     |
| desc. node          |  | 4°る29'12                  | 20 31 34         | min. Earth dist.         | -                         | 16 <b>x</b> 31 29<br>15° <b>x</b> 15'00 | 0.66418 AU  |
| desc. node          | -536 Jan 27 j 04:21                        |                           |                  |                          | -536 Dec 14 j 13:29       |   | 0.00418 AU  |
| morning sat         | -536 Feb 14 j 20:09                        | 0°≈<br>25°≈≈44'12         |                  | morning rise             | -536 Dec 18 j 17:42       | 10° <b>√</b> 29'53                      |             |
| morning set         | -536 Feb 29 j 13:33                        | 25°≈44'13                 |                  | direct                   | -536 Dec 24 j 20:39       | 7° <b>×7</b> 47'13                      | 25042152    |
| 30 At 45 A          | -536 Mar 02 j 18:18                        | 0° <b>)</b> {             | 1 24206 133      | morning max el           | -535 Jan 06 j 03:08       | 15° ₹ 03'52                             | 25~45'53    |
| max. Earth dist.    | -536 Mar 04 j 23:29                        | 4° <b>大</b> 24'17         | 1.34386 AU       | desc. node               | -535 Jan 13 j 01:24       | 22° <b>∡</b> 56'32                      |             |
|                     |  | 100\/0===                 | 1000/10          |                          | -535 Jan 18 j 10:13       | % ප                                     |             |
| superior conj       | -536 Mar 09 j 00:14                        | 12° <b>)</b> (39′52       |                  |                          | -535 Feb 06 j 16:04       | 0° <b>≈</b>                             |             |
| minimum elong       | -536 Mar 09 j 03:04                        | 12° <b>¥</b> 54'37        | 1°00'10          | morning set              | -535 Feb 11 j 09:30       | 8° <b>≈</b> 26′03                       |             |
| asc. node           | -536 Mar 15 j 03:12                        | 25° <b>)</b> 32′01        |                  | max. Earth dist.         | -535 Feb 15 j 05:22       | 15° <b>≈</b> 35'39                      | 1.35930 AU  |
| evening rise        | -536 Mar 16 j 11:50                        | 28° <b>)</b> 22′23        |                  |                          |                           |   |             |
|                     | -536 Mar 17 j 06:42                        | $0$ ° $\mathbf{\Upsilon}$ |                  | superior conj            | -535 Feb 20 j 18:07       | 26° <b>≈</b> 26′32                      | -1°25'00    |
|                     | -536 Apr 04 j 23:17                        | $9^{\circ}$ 8             |                  | minimum elong            | -535 Feb 20 j 21:46       | 26° <b>≈</b> 44'52                      | 1°24'30     |
| evening may el      | -536 Apr 05 i 07:16                        | 0°₩19'29                  | 21°20'18         |                          | -535 Feb 22 i 12:22       | 0°¥                                     |             |

evening max el

-536 Apr 05 j 07:16

0°**8**19'29 21°20'18

-535 Feb 22 j 12:22

0°**)**€

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 196 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi |  | -                                  | astronomical coun | ting style is the year | 901 BCE in historical cou                  |                                   |                    |
|----------------------|--|------------------------------------|-------------------|------------------------|--|-----------------------------------|--------------------|
| evening rise         | -535 Feb 28 j 17:49                        | 12° <b>) (</b> 44′34               |                   |                        | -534 Feb 14 j 09:42                        | 0° <b>∀</b>                       |                    |
| asc. node            | -535 Mar 02 j 00:14                        | 15° <b>)</b> 18′38                 |                   | asc. node              | -534 Feb 16 j 21:16                        | 4° <b>)</b> 47′15                 |                    |
|                      | -535 Mar 09 j 20:41                        | $0$ ° $\Upsilon$                   |                   | evening max el         | -534 Mar 01 j 10:28                        | 23° <b>)</b> 41′50                | 19°05'40           |
| evening max el       | -535 Mar 18 j 15:21                        | 11° <b>Ƴ</b> 41'22                 | 20°03'41          | retrograde             | -534 Mar 10 j 02:39                        | 27° <b>¥</b> 52′09                |                    |
| retrograde           | -535 Mar 28 j 22:21                        | 16° <b>Ƴ</b> 37'15                 |                   | evening set            | -534 Mar 12 j 08:54                        | 27° <b>)</b> ₹36′22               |                    |
| evening set          | -535 Mar 31 j 01:19                        | 16° <b>Y</b> 25′34                 |                   | inferior conj          | -534 Mar 20 j 11:53                        | 23° <b>)</b> 23'41                | 2°13'29            |
| inferior conj        | -535 Apr 08 j 22:37                        | 12° <b>Y</b> 26′04                 | 0°35'19           | minimum elong          | -534 Mar 20 j 16:15                        | 23° <b>)</b> 16′08                | 2°12'15            |
| minimum elong        | -535 Apr 09 j 00:11                        | 12° <b>Y</b> 23'42                 | 0°34'47           | min. Earth dist.       | -534 Mar 23 j 13:33                        | 21° <b>)</b> 17′25                | 0.56802 AU         |
| min. Earth dist.     | -535 Apr 10 j 21:56                        | 11° <b>Ƴ</b> 14'50                 | 0.55476 AU        | morning rise           | -534 Mar 28 j 20:38                        | 18° <b>)</b> 24'44                |                    |
| desc. node           | -535 Apr 11 j 00:34                        | 11° <b>Ƴ</b> 10′56                 |                   | desc. node             | -534 Mar 28 j 21:35                        | 18° <b>)</b> 23′48                |                    |
| morning rise         | -535 Apr 17 j 21:00                        | 7° <b>Y</b> 59'33                  |                   | direct                 | -534 Apr 02 j 22:07                        | 17° <b>∺</b> 24'32                |                    |
| direct               | -535 Apr 21 j 19:11                        | 7° <b>Y</b> 25'43                  |                   | morning max el         | -534 Apr 17 j 03:57                        | 24° <b>∺</b> 45′09                | 25°31'21           |
| morning max el       | -535 May 05 j 13:15                        | 14° <b>Ƴ</b> 14'09                 | 23°54'47          |                        | -534 Apr 21 j 23:53                        | $0^{\circ}$ Y                     |                    |
|                      | -535 May 17 j 19:28                        | 0°8                                |                   |                        | -534 May 10 j 15:15                        | $9^{\circ}$ 8                     |                    |
| asc. node            | -535 May 28 j 23:31                        | 20° <b>8</b> 48'18                 |                   | morning set            | -534 May 14 j 08:10                        | 7° <b>8</b> 35'47                 |                    |
| morning set          | -535 May 29 j 20:20                        | 22° <b>8</b> 37'08                 |                   | asc. node              | -534 May 15 j 20:34                        | 10° <b>8</b> 48'59                |                    |
|                      | -535 Jun 02 j 07:19                        | $\Pi$ $^{\circ}0$                  |                   |                        |  |                                   |                    |
|                      |  |                                    |                   | superior conj          | -534 May 21 j 08:03                        | 22° <b>8</b> 43'41                | 0°54'59            |
| superior conj        | -535 Jun 05 j 21:35                        | 7° <b>Ⅱ</b> 46′12                  | 1°14'53           | minimum elong          | -534 May 21 j 05:55                        | 22° <b>8</b> 32'01                | 0°54'36            |
| minimum elong        | -535 Jun 05 j 19:05                        | 7° <b>Ⅲ</b> 32'44                  | 1°14'30           | max. Earth dist.       | -534 May 22 j 06:25                        | 24° <b>8</b> 45'46                | 1.32708 AU         |
| max. Earth dist.     | -535 Jun 07 j 21:27                        | 12° <b>Ⅲ</b> 02'52                 | 1.33382 AU        |                        | -534 May 24 j 16:27                        | $\Pi$ $^{\circ}0$                 |                    |
| evening rise         | -535 Jun 13 j 08:00                        | 23° <b>Ⅱ</b> 20'43                 |                   | evening rise           | -534 May 28 j 10:32                        | 7° <b>Ⅱ</b> 54'48                 |                    |
|                      | -535 Jun 16 j 17:14                        | 0°ಅ                                |                   |                        | -534 Jun 09 j 04:00                        | 0°ಅ                               |                    |
|                      | -535 Jul 04 j 19:48                        | $0^{\circ}\Omega$                  |                   | desc. node             | -534 Jun 24 j 20:55                        | 22°526'26                         |                    |
| desc. node           | -535 Jul 07 j 23:56                        | 4° <b>Ω</b> 15'51                  |                   | evening max el         | -534 Jun 29 j 04:03                        | 26°957'02                         | 27°14'05           |
| evening max el       | -535 Jul 16 j 20:29                        | 14° <b>Ω</b> 18'14                 | 27°25'03          | · ·                    | -534 Jul 02 j 17:11                        | $0^{\circ}\Omega$                 |                    |
| retrograde           | -535 Jul 30 j 11:56                        | 21° <b>Ω</b> 38'46                 |                   | retrograde             | -534 Jul 13 j 00:58                        | 4° <b>Ω</b> 14'53                 |                    |
| evening set          | -535 Aug 06 j 16:12                        | 18° <b>Ω</b> 58'11                 |                   | evening set            | -534 Jul 20 j 03:38                        | 1° <b>Ω</b> 53'40                 |                    |
| min. Earth dist.     | -535 Aug 10 j 07:15                        |                                    | 0.63708 AU        | 8                      | -534 Jul 22 j 16:37                        | 30°Rூ                             |                    |
| inferior conj        | -535 Aug 12 j 20:59                        | 13° <b>Ω</b> 06'35                 |                   | min. Earth dist.       | -534 Jul 23 j 18:05                        | 29° <b>©</b> 05'37                | 0.61891 AU         |
| minimum elong        | -535 Aug 13 j 01:37                        | 12° <b>Ω</b> 54'38                 |                   | inferior conj          | -534 Jul 26 j 19:36                        | 26°9517'59                        |                    |
| morning rise         | -535 Aug 19 j 12:03                        | 7° <b>Ω</b> 47'47                  | 2 22 00           | minimum elong          | -534 Jul 26 j 23:44                        | 26°508'32                         |                    |
| direct               | -535 Aug 22 j 02:06                        | 7° <b>Ω</b> 14'54                  |                   | morning rise           | -534 Aug 02 j 21:17                        | 21° <b>©</b> 18'57                |                    |
| asc. node            | -535 Aug 24 j 22:42                        | 7° <b>Ω</b> 55'34                  |                   | direct                 | -534 Aug 05 j 09:10                        | 20°952'07                         |                    |
| morning max el       | -535 Aug 28 j 15:30                        | 10° <b>Ω</b> 40'44                 | 17°55'26          | asc. node              | -534 Aug 11 j 19:45                        | 23°954'58                         |                    |
| morning max cr       | -535 Sep 10 j 16:01                        | 0° mp                              | 17 33 20          | morning max el         | -534 Aug 12 j 06:05                        | 24°9519'33                        | 17°56'17           |
| morning set          | -535 Sep 14 j 12:00                        | 6° Mp 37'44                        |                   | morning max or         | -534 Aug 16 j 20:49                        | 0°Ω                               | 17 30 17           |
| morning sec          | 333 Бер 11 ј 12.00                         | 0 19257 11                         |                   | morning set            | -534 Aug 28 j 06:51                        | 19° <b>Ω</b> 29'24                |                    |
| superior conj        | -535 Sep 26 j 22:31                        | 27° <b>m</b> 42'08                 | 0°45'22           | morning set            | -534 Sep 03 j 02:40                        | 0° m)                             |                    |
| minimum elong        | -535 Sep 27 j 02:59                        | 28° m 00'30                        |                   |                        | 334 BCp 03 J 02.40                         | V IIV                             |                    |
| minimum ciong        | -535 Sep 28 j 08:10                        | 26 എ0030<br>0° <b>Ω</b>            | 0 44 40           | superior conj          | -534 Sep 07 j 23:32                        | 8° mp 32'57                       | 1°18'27            |
| max. Earth dist.     | -535 Oct 02 j 19:11                        | o <b>—</b><br>7° <b>Ω</b> 12'13    | 1.44062 AU        | minimum elong          | -534 Sep 08 j 04:25                        | 8° <b>m</b> <sub>2</sub> 54'01    | 1°17'57            |
| desc. node           | -535 Oct 02 j 17:11<br>-535 Oct 03 j 23:16 | 9° <b>£</b> 04'12                  | 1.44002 AU        | max. Earth dist.       | -534 Sep 15 j 07:52                        | 20° m) 55'25                      | 1.42654 AU         |
| evening rise         | -535 Oct 03 j 25:10<br>-535 Oct 12 j 20:53 | 22° <b>£</b> 59'59                 |                   | desc. node             | -534 Sep 20 j 20:17                        | 20° m/ 49'32                      | 1.42034 AO         |
| evening rise         | -535 Oct 12 j 20:33                        | 0° <b>™</b>                        |                   | desc. node             | -534 Sep 20 j 20:17                        | 0° <b>ت</b><br>25 الأطم           |                    |
|                      | -535 Nov 07 j 11:15                        | 0° <b>⊼</b>                        |                   | evening rise           | -534 Sep 20 j 22:33                        | 0 <b>=</b><br>2° <b>ჲ</b> 05'23   |                    |
| evening max el       | -535 Nov 07 j 11:15                        | 3° <b>∡</b> 102'47                 | 20°38'28          | evening rise           | -534 Oct 10 j 23:01                        | 2 <b>=</b> 03 23<br>0° <b>M</b>   |                    |
| retrograde           | -535 Nov 10 j 04:44                        | 7° <b>×</b> 751'36                 | 20 36 26          | evening max el         | -534 Oct 24 j 01:10                        | 16°MJ31'19                        | 21°51'02           |
| asc. node            | -535 Nov 20 j 21:55                        | 7° <b>₹</b> 13'58                  |                   | retrograde             | -534 Nov 02 j 04:39                        | 21°M57'32                         | 21 31 02           |
| evening set          | -535 Nov 20 j 21:55<br>-535 Nov 22 j 04:54 | 6° ₹ 25'56                         |                   | evening set            | -534 Nov 06 j 12:39                        | 20°M14'54                         |                    |
| inferior conj        | -535 Nov 27 j 14:40                        | 0° <b>₹</b> 17'16                  | 2000122           | asc. node              | -534 Nov 07 j 18:57                        | 19°M05'56                         |                    |
| minimum elong        | -535 Nov 27 j 14:40                        |                                    |                   | inferior conj          | -534 Nov 11 j 21:00                        | 13°ML58'21                        | 1°22'24            |
| minimum ciong        |  | 0 <b>x</b> 23 33                   | 2 00 20           | minimum elong          | -534 Nov 11 j 21:00                        | 14°ML04'33                        | 1°22'24<br>1°21'39 |
| min Earth dist       | -535 Nov 27 j 19:44                        | 29°M29'01                          | 0.67161 AU        | min. Earth dist.       | -534 Nov 11 j 23:58                        | 13°M48'05                         |                    |
| min. Earth dist.     | -535 Nov 28 j 04:51                        |                                    | 0.07101 AU        |                        | 3  | 7°M45'29                          | 0.67557 AU         |
| morning rise         | -535 Dec 02 j 19:10                        | 24°M03'33                          |                   | morning rise           | -534 Nov 17 j 01:37                        |                                   |                    |
| direct               | -535 Dec 08 j 07:28                        | 21°M38'15                          | 24921102          | direct                 | -534 Nov 21 j 22:42                        | 5°M41'55                          | 22052122           |
| morning max el       | -535 Dec 19 j 11:29                        | 28°M18'03                          | 24 Z1 U3          | morning max el         | -534 Dec 01 j 21:12                        | 11°M36'04                         | 22 33 22           |
| daga m- 1-           | -535 Dec 21 j 02:28                        | 0° <b>⊼</b><br>12°. <b>⊼</b> 00'00 |                   | daga r - J -           | -534 Dec 16 j 11:38                        | 0° 🔏 1°. ₹ 2122                   |                    |
| desc. node           | -535 Dec 30 j 22:27                        | 12° <b>₹</b> 09'09                 |                   | desc. node             | -534 Dec 17 j 19:30                        | 1° <b>х</b> 53′32                 |                    |
|                      | -534 Jan 12 j 04:16                        | 0°る                                |                   | morning set            | -533 Jan 05 j 05:39                        | 0°る19'27                          |                    |
| morning set          | -534 Jan 24 j 08:59                        | 20°る03'22                          | 1 25050 177       | T 4 P                  | -533 Jan 05 j 00:57                        | 0°る                               | 1.20001 /77        |
| max. Earth dist.     | -534 Jan 28 j 02:07                        | 26°₹38'38                          | 1.37859 AU        | max. Earth dist.       | -533 Jan 09 j 21:37                        | 8° <b>る</b> 10'58                 | 1.39981 AU         |
|                      | -534 Jan 29 j 22:20                        | 0° <b>≈</b>                        |                   |                        | 522 I 17 15 15                             | 21075500                          | 1050110            |
|                      | 524 E-1 04 : 00 45                         | 0025155                            | 1045114           | superior conj          | -533 Jan 17 j 15:45                        | 21°る55'39                         |                    |
| superior conj        | -534 Feb 04 j 00:47                        | 9° <b>≈</b> 35'56                  |                   | minimum elong          | -533 Jan 17 j 17:48                        | 22° <b>る</b> 05'01                | 1~58'14            |
| minimum elong        | 524 Ect 04:04:02                           | 005011/                            |                   |                        |  |                                   |                    |
| evening rise         | -534 Feb 04 j 04:23<br>-534 Feb 12 j 17:36 | 9°≈53'16<br>26°≈42'43              | 1°44'54           | evening rise           | -533 Jan 22 j 00:08<br>-533 Jan 27 j 08:19 | 0° <b>≈</b><br>10° <b>≈</b> 08'52 |                    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 197 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | cal year style is used: The | he year -900 in      | astronomical coun | ting style is the year 9 | 01 BCE in historical cour                  | nting style.              |             |
|----------------------|-----------------------------|----------------------|-------------------|--------------------------|--|---------------------------|-------------|
| asc. node            | -533 Feb 03 j 18:17         | 23° <b>≈</b> 50'48   |                   | evening rise             | -532 Jan 10 j 10:28                        | 22°る55'42                 |             |
|                      | -533 Feb 07 j 13:37         | 0° <b>∀</b>          |                   |                          | -532 Jan 14 j 07:54                        | 0° <b>≈</b>               |             |
| evening max el       | -533 Feb 12 j 14:13         | 6° <b>ℋ</b> 14'06    | 18°27'33          | asc. node                | -532 Jan 21 j 15:19                        | 12° <b>≈</b> 21'39        |             |
| retrograde           | -533 Feb 20 j 01:50         | 9° <b>) (</b> 54'47  |                   | evening max el           | -532 Jan 26 j 23:40                        | 19° <b>≈</b> 10'19        | 18°09'23    |
| evening set          | -533 Feb 22 j 13:06         | 9° <b>)</b> 32′00    |                   | retrograde               | -532 Feb 02 j 18:27                        | 22° <b>≈</b> 37'24        |             |
| inferior conj        | -533 Mar 01 j 21:51         | 4° <b>)</b> 59'14    | 3°16'44           | evening set              | -532 Feb 05 j 10:08                        | 22°≈06'11                 |             |
| minimum elong        | -533 Mar 02 j 01:31         | 4° <b>)</b> 51'49    |                   | inferior conj            | -532 Feb 12 j 03:46                        |                           | 3°46'46     |
| •                    |                             |                      | 0.58687 AU        | ,                        |  |                           | 3°46'39     |
| min. Earth dist.     | -533 Mar 05 j 08:09         |                      | 0.3606/ AU        | minimum elong            | -532 Feb 12 j 05:11                        | 17°≈08'45                 |             |
|                      | -533 Mar 08 j 15:17         | 30°R≈                |                   | min. Earth dist.         | -532 Feb 15 j 09:00                        | 14°≈12'45                 | 0.60775 AU  |
| morning rise         | -533 Mar 09 j 11:26         | 29° <b>≈</b> 32′20   |                   | morning rise             | -532 Feb 18 j 22:34                        | 11° <b>≈</b> 25'48        |             |
| direct               | -533 Mar 15 j 14:05         | 27° <b>≈</b> 55'42   |                   | direct                   | -532 Feb 25 j 17:17                        | 9° <b>≈</b> 12'34         |             |
| desc. node           | -533 Mar 15 j 18:38         | 27° <b>≈</b> 55'48   |                   | desc. node               | -532 Mar 01 j 15:41                        | 10° <b>≈</b> 17′08        |             |
|                      | -533 Mar 22 j 17:51         | 0° <b>∀</b>          |                   | morning max el           | -532 Mar 10 j 22:14                        | 17° <b>≈</b> 00'31        | 27°35'54    |
| morning max el       | -533 Mar 29 j 21:55         | 5° <b>∺</b> 33'57    | 26°49'13          |                          | -532 Mar 21 j 16:37                        | 0° <b>∀</b>               |             |
|                      | -533 Apr 16 j 22:41         | $0$ ° $\Upsilon$     |                   |                          | -532 Apr 08 j 12:02                        | $0^{\circ}$ $\Upsilon$    |             |
| morning set          | -533 Apr 28 j 18:29         | 22° <b>Y</b> 28'48   |                   | morning set              | -532 Apr 12 j 01:28                        | 7° <b>Ƴ</b> 09'52         |             |
|                      | -533 May 02 j 07:06         | 0°8                  |                   | max. Earth dist.         | -532 Apr 18 j 07:26                        | 20° <b>Y</b> 28'52        | 1.32433 AU  |
| asc. node            | -533 May 02 j 17:37         | 0° <b>8</b> 57'04    |                   | asc. node                | -532 Apr 18 j 14:39                        | 21° <b>Υ</b> 08'15        |             |
| use. Hode            | 333 May 02 j 17.37          | 0 037 01             |                   | use. Houe                | 33271pr 10 j 11.37                         | 21 1 00 15                |             |
| superior conj        | -533 May 05 j 19:46         | 7° <b>8</b> 42'49    | 0°32'11           | superior conj            | -532 Apr 19 j 07:03                        | 22° <b>Ƴ</b> 37'51        | 0°07'14     |
| minimum elong        | -533 May 05 j 18:23         | 7° <b>8</b> 35'15    |                   | minimum elong            | -532 Apr 19 j 06:43                        | 22°Υ36'03                 | 0°07'10     |
| max. Earth dist.     |                             |                      | 1.32392 AU        | behind sun begin         | -532 Apr 19 j 00:43                        | 22° <b>Υ</b> 11'16        | 0 07 10     |
|                      | -533 May 05 j 19:02         |                      | 1.32392 AU        | U                        |  |                           |             |
| evening rise         | -533 May 12 j 18:15         | 22° <b>8</b> 42'56   |                   | behind sun end           | -532 Apr 19 j 11:15                        | 23° <b>Y</b> 00′50        |             |
|                      | -533 May 16 j 07:44         | 0°П                  |                   |                          | -532 Apr 22 j 15:54                        | 0°8                       |             |
|                      | -533 Jun 03 j 10:14         | $0$ $\circ$ $\odot$  |                   | evening rise             | -532 Apr 26 j 04:59                        | 7° <b>8</b> 37'24         |             |
| evening max el       | -533 Jun 11 j 05:46         | 8° <b>©</b> 53'26    | 26°30'04          |                          | -532 May 07 j 22:07                        | $\Pi$ $^{\circ}0$         |             |
| desc. node           | -533 Jun 11 j 17:55         | 9° <b>5</b> 21'59    |                   | evening max el           | -532 May 23 j 00:33                        | 20° <b>Ⅱ</b> 04'52        | 25°17'05    |
| retrograde           | -533 Jun 25 j 05:55         | 16° <b>©</b> 08'04   |                   | desc. node               | -532 May 28 j 14:56                        | 24° <b>Ⅲ</b> 31'59        |             |
| evening set          | -533 Jul 01 j 19:44         | 14° <b>©</b> 18'58   |                   | retrograde               | -532 Jun 06 j 01:15                        | 27° <b>Ⅱ</b> 14'16        |             |
| min. Earth dist.     | -533 Jul 05 j 18:57         | 11°5541'04           | 0.59862 AU        | evening set              | -532 Jun 11 j 13:07                        | 26° <b>Ⅲ</b> 04′01        |             |
| inferior conj        | -533 Jul 09 j 03:06         | 9° <b>©</b> 01'53    | -4°38'57          | min. Earth dist.         | -532 Jun 16 j 12:19                        |                           | 0.57845 AU  |
| minimum elong        | -533 Jul 09 j 04:54         | 8°958'17             |                   | inferior conj            | -532 Jun 19 j 15:57                        | 21° <b>I</b> I08'13       |             |
| morning rise         | -533 Jul 16 j 16:04         | 4°\$25'08            | . 3001            | minimum elong            | -532 Jun 19 j 13:33                        | 21° <b>I</b> I12'23       |             |
| direct               | -533 Jul 19 j 03:58         | 4° <b>©</b> 02'26    |                   | _                        | -532 Jun 27 j 16:42                        | 16° <b>I</b> 53'40        | 4 30 13     |
|                      | •                           |                      | 10017127          | morning rise             | •  |                           |             |
| morning max el       | -533 Jul 26 j 16:46         | 7° <b>5</b> 41'03    | 18°16'37          | direct                   | -532 Jun 30 j 05:52                        | 16° <b>Ⅱ</b> 34'02        |             |
| asc. node            | -533 Jul 29 j 16:49         | 11° <b>©</b> 03'32   |                   | morning max el           | -532 Jul 08 j 20:32                        | 20° <b>Ⅲ</b> 36′12        | 18°57'27    |
|                      | -533 Aug 10 j 01:27         | $0$ $\circ$ $\Omega$ |                   | asc. node                | -532 Jul 15 j 13:54                        | 29° <b>Ⅱ</b> 06′09        |             |
| morning set          | -533 Aug 11 j 16:26         | 3° <b>Ω</b> 04'15    |                   |                          | -532 Jul 16 j 03:33                        | $0$ $\circ$ $\odot$       |             |
|                      |                             |                      |                   | morning set              | -532 Jul 25 j 12:28                        | 17° <b>©</b> 10'26        |             |
| superior conj        | -533 Aug 21 j 01:46         | 20° <b>Ω</b> 39'04   | 1°38'22           |                          | -532 Aug 01 j 01:03                        | $0 {\circ} \Omega$        |             |
| minimum elong        | -533 Aug 21 j 04:49         | 20° <b>Ω</b> 53′00   | 1°38'10           |                          |  |                           |             |
|                      | -533 Aug 26 j 07:41         | o∘ mp                |                   | superior conj            | -532 Aug 02 j 23:33                        | 3° <b>Ω</b> 44'15         | 1°46'48     |
| max. Earth dist.     | -533 Aug 28 j 15:16         | 3° m 59'40           | 1.40822 AU        | minimum elong            | -532 Aug 03 j 00:24                        | 3° <b>Ω</b> 48'16         | 1°46'47     |
| evening rise         | -533 Sep 02 j 10:42         | 12° <b>m</b> 02'21   |                   | max. Earth dist.         | -532 Aug 09 j 18:26                        | 16° <b>Ω</b> 20'01        | 1.38813 AU  |
| desc. node           | -533 Sep 07 j 17:18         | 20° m/30'13          |                   | evening rise             | -532 Aug 13 j 15:34                        | 23° <b>Ω</b> 09'38        |             |
| dese. node           | -533 Sep 13 j 21:51         | 0∘ <b>ʊ</b>          |                   | evening rise             | -532 Aug 17 j 16:45                        | 0° m)                     |             |
| evening max el       | -533 Oct 06 j 16:30         | 0°M01'23             | 23°10'07          | desc. node               | -532 Aug 24 j 14:19                        | 11° <b>m</b> )01'49       |             |
| evening max ci       | -533 Oct 06 j 15:57         | 0°M                  | 23 1007           | desc. Hode               | -532 Aug 24 j 14.19<br>-532 Sep 06 j 18:04 | 0∘ <b>ʊ</b>               |             |
|                      |                             |                      |                   |                          |  |                           | 24920147    |
| retrograde           | -533 Oct 16 j 22:30         | 6°M05'43             |                   | evening max el           | -532 Sep 18 j 04:37                        | 13° <b>£</b> 33'57        | 24°29'47    |
| evening set          | -533 Oct 21 j 19:40         | 4°M04'52             |                   | retrograde               | -532 Sep 29 j 12:44                        | 20° <b>£</b> 12'00        |             |
|                      | -533 Oct 25 j 11:59         | 30°Ŗ <b>Ω</b>        |                   | evening set              | -532 Oct 05 j 00:17                        | 17° <b>≏</b> 53'12        |             |
| asc. node            | -533 Oct 25 j 15:59         | 29° <b>≏</b> 46'44   |                   | min. Earth dist.         | -532 Oct 09 j 16:09                        | 12° <b>≏</b> 31'56        | 0.67379 AU  |
| inferior conj        | -533 Oct 27 j 04:04         | 27° <b>≏</b> 44'00   | 0°31'02           | inferior conj            | -532 Oct 10 j 10:07                        | 11° <b>≏</b> 31'49        | -0°23'17    |
| minimum elong        | -533 Oct 27 j 03:20         | 27° <b>≏</b> 46'30   | 0°30'42           | minimum elong            | -532 Oct 10 j 10:41                        | 11° <b>≏</b> 29'55        | 0°23'02     |
| min. Earth dist.     | -533 Oct 26 j 20:32         | 28° <b>ჲ</b> 09'53   | 0.67627 AU        | asc. node                | -532 Oct 11 j 13:04                        | 10° <b>ഫ</b> 02'31        |             |
| morning rise         | -533 Nov 01 j 10:55         | 21° <b>≏</b> 34'15   |                   | morning rise             | -532 Oct 15 j 21:08                        | 5° <b>≏</b> 27'44         |             |
| direct               | -533 Nov 05 j 17:29         | 19° <b>≏</b> 53'19   |                   | direct                   | -532 Oct 19 j 14:47                        | 4° <b>≏</b> 07'39         |             |
| morning max el       | -533 Nov 14 j 11:55         | 25° <b>≏</b> 02'01   | 21°29'30          | morning max el           | -532 Oct 27 j 09:56                        | 8° <b>≏</b> 37'44         | 20°15'32    |
|                      | -533 Nov 18 j 21:26         | 0°M                  |                   | -0                       | -532 Nov 12 j 09:04                        | 0° <b>™</b>               |             |
| desc. node           | -533 Nov 16 j 21:20         | 22°M00'55            |                   | desc. node               | -532 Nov 20 j 13:37                        | 12°M24'12                 |             |
| acse. Houc           |                             | 22 11 <b>€</b> 00 33 |                   |                          |  |                           |             |
|                      | -533 Dec 09 j 23:13         |                      |                   | morning set              | -532 Nov 23 j 19:08                        | 17°M22'48                 |             |
| morning set          | -533 Dec 15 j 21:32         | 9° 🖈 14'04           | 1 41007 433       | m at the                 | -532 Dec 01 j 20:27                        | 0°¾<br>30. <b>₹</b> 55103 | 1 42/2/ 177 |
| max. Earth dist.     | -533 Dec 22 j 22:51         | 20° <b>₹</b> 37'27   | 1.41997 AU        | max. Earth dist.         | -532 Dec 04 j 07:21                        | 3° <b>≯</b> 55′02         | 1.43626 AU  |
|                      | -533 Dec 28 j 12:52         | 0°₹                  |                   |                          |  | :                         |             |
|                      |                             |                      |                   | superior conj            | -532 Dec 10 j 01:39                        | 13° <b>∡</b> 16'34        |             |
| superior conj        | -533 Dec 30 j 09:43         | 3° <b>る</b> 12'59    |                   | minimum elong            | -532 Dec 09 j 19:24                        | 12° <b>∡</b> 50′52        | 1°46'00     |
| minimum elong        | -533 Dec 30 j 08:10         | 3° <b>ප</b> 06'18    | 2°00'11           |                          | -532 Dec 19 j 23:45                        | 0° <b>ට</b>               |             |
|                      |                             |                      |                   |                          |  |                           |             |

| -                 | -  |                                 |             |                                   | 01 BCE in historical cour                  |                                   | 50 170                |
|-------------------|--|---------------------------------|-------------|-----------------------------------|--|-----------------------------------|-----------------------|
| evening rise      | -532 Dec 22 j 19:48                        | 4° <b>る</b> 54'17               |             | superior conj                     | -531 Nov 19 j 15:46                        | 22°M10'59                         | -1°14'26              |
| C                 | -531 Jan 07 j 09:11                        | 0° <b>≈</b>                     |             | minimum elong                     | -531 Nov 19 j 07:44                        | 21°M39'06                         | 1°13'33               |
| asc. node         | -531 Jan 07 j 12:21                        | 0° <b>≈</b> 09'44               |             |                                   | -531 Nov 24 j 13:14                        | 0° <b>∡</b> ¹                     |                       |
| evening max el    | -531 Jan 09 j 11:53                        | 2° <b>≈</b> 22'38               | 18°10'47    | evening rise                      | -531 Dec 04 j 07:54                        | 15° <b>∡</b> 756'30               |                       |
| retrograde        | -531 Jan 16 j 00:04                        | 5° <b>≈</b> 49'40               |             | -                                 | -531 Dec 12 j 20:42                        | 0°ಕ                               |                       |
| evening set       | -531 Jan 18 j 19:59                        | 5° <b>≈</b> 09'06               |             | evening max el                    | -531 Dec 24 j 00:07                        | 15° <b>₹</b> 44'15                | 18°30'52              |
|                   | -531 Jan 24 j 23:59                        | 30°Ŗる                           |             | asc. node                         | -531 Dec 25 j 09:25                        | 17° <b>ට</b> 02'21                |                       |
| inferior conj     | -531 Jan 25 j 01:59                        | 29° <b>る</b> 54'41              | 3°51'15     | retrograde                        | -531 Dec 30 j 14:14                        | 19° <b>る</b> 22'32                |                       |
| minimum elong     | -531 Jan 25 j 01:16                        | 29° <b>る</b> 56'35              | 3°51'13     | evening set                       | -530 Jan 02 j 15:06                        | 18° <b>る</b> 31'25                |                       |
| min. Earth dist.  | -531 Jan 27 j 18:40                        | 27° <b>る</b> 03'58              | 0.62766 AU  | inferior conj                     | -530 Jan 08 j 12:31                        | 12° <b>る</b> 58'27                | 3°37'22               |
| morning rise      | -531 Jan 31 j 05:36                        | 23° <b>る</b> 56'27              |             | minimum elong                     | -530 Jan 08 j 10:23                        | 13° <b>る</b> 04'43                | 3°37'04               |
| direct            | -531 Feb 07 j 05:49                        | 21° <b>る</b> 16'25              |             | min. Earth dist.                  | -530 Jan 10 j 14:00                        | 10°る33'40                         | 0.64480 AU            |
| desc. node        | -531 Feb 16 j 12:46                        | 25° <b>る</b> 04'08              |             | morning rise                      | -530 Jan 14 j 05:10                        | 6° <b>ප</b> 52'54                 |                       |
| morning max el    | -531 Feb 21 j 04:13                        | 29° <b>る</b> 08'14              | 27°45'53    | direct                            | -530 Jan 21 j 01:49                        | 4° <b>ට</b> 01'01                 |                       |
|                   | -531 Feb 22 j 00:41                        | 0° <b>≈</b>                     |             | desc. node                        | -530 Feb 03 j 09:49                        | 11° <b>る</b> 39'48                |                       |
|                   | -531 Mar 15 j 13:16                        | 0° <b>∀</b>                     |             | morning max el                    | -530 Feb 03 j 13:10                        | 11° <b>ප්</b> 48'07               | 27°20'21              |
| morning set       | -531 Mar 27 j 02:58                        | 21° <b>)</b> 31′45              |             |                                   | -530 Feb 18 j 02:01                        | 0° <b>≈</b>                       |                       |
|                   | -531 Mar 31 j 05:21                        | $0^{\circ}\mathbf{\Upsilon}$    |             |                                   | -530 Mar 08 j 00:37                        | 0° <b>)</b>                       |                       |
| max. Earth dist.  | -531 Apr 01 j 15:35                        | 3° <b>Ƴ</b> 01'43               | 1.32853 AU  | morning set                       | -530 Mar 10 j 20:02                        | 5° <b>)</b> 23′59                 |                       |
|                   |  |                                 |             | max. Earth dist.                  | -530 Mar 15 j 15:24                        | 15° <b>)</b> 04′07                | 1.33694 AU            |
| superior conj     | -531 Apr 03 j 16:14                        | 7° <b>Ƴ</b> 23′13               | -0°19'02    |                                   |  |                                   |                       |
| minimum elong     | -531 Apr 03 j 17:08                        | 7° <b>Y</b> ′28′05              | 0°18'51     | superior conj                     | -530 Mar 18 j 21:21                        | 21° <b>)</b> 51′32                | -0°45'39              |
| asc. node         | -531 Apr 05 j 11:42                        | 11° <b>Y</b> 18'38              |             | minimum elong                     | -530 Mar 18 j 23:31                        | 22° <b>)</b> €03'00               | 0°45'14               |
| evening rise      | -531 Apr 10 j 16:49                        | 22° <b>Y</b> 31'43              |             | _                                 | -530 Mar 22 j 17:06                        | $0$ ° $\mathbf{\gamma}$           |                       |
| -                 | -531 Apr 14 j 07:47                        | $9^{\circ}$ 8                   |             | asc. node                         | -530 Mar 23 j 08:44                        | 1° <b>Y</b> 23'19                 |                       |
|                   | -531 May 03 j 20:37                        | $\Pi^{\circ}$ 0                 |             | evening rise                      | -530 Mar 26 j 03:52                        | 7° <b>Υ</b> 18'30                 |                       |
| evening max el    | -531 May 04 j 15:21                        | 0° <b>Ⅱ</b> 46′10               | 23°46'02    | C                                 | -530 Apr 07 j 08:03                        | 0°8                               |                       |
| desc. node        | -531 May 15 j 11:58                        | 7° <b>Ⅱ</b> 20′18               |             | evening max el                    | -530 Apr 16 j 08:34                        | 11° <b>8</b> 24'06                | 22°11'19              |
| retrograde        | -531 May 18 j 08:56                        | 7° <b>Ⅱ</b> 39'08               |             | retrograde                        | -530 Apr 29 j 03:57                        | 17° <b>8</b> 40'49                |                       |
| evening set       | -531 May 22 j 10:13                        | 7° <b>Ⅱ</b> 02'48               |             | evening set                       | -530 May 01 j 23:16                        | 17° <b>8</b> 23'27                |                       |
| min. Earth dist.  | -531 May 29 j 02:13                        | 3° <b>Ⅱ</b> 54'23               | 0.56167 AU  | desc. node                        | -530 May 02 j 09:00                        | 17° <b>8</b> 18'10                |                       |
| inferior conj     | -531 May 31 j 08:44                        | 2° <b>Ⅱ</b> 31'41               |             | min. Earth dist.                  | -530 May 10 j 15:14                        | 13° <b>8</b> 40'39                | 0.55176 AU            |
| minimum elong     | -531 May 31 j 02:17                        | 2° <b>I</b> I41'30              |             | inferior conj                     | -530 May 11 j 08:49                        | 13° <b>8</b> 15'52                |                       |
| Č                 | -531 Jun 04 j 20:43                        | 30°R <b>႘</b>                   |             | minimum elong                     | -530 May 11 j 02:28                        | 13° <b>8</b> 24'49                |                       |
| morning rise      | -531 Jun 08 j 21:15                        | 28° <b>8</b> 33'24              |             | morning rise                      | -530 May 20 j 07:12                        | 9° <b>8</b> 20'46                 |                       |
| direct            | -531 Jun 11 j 12:25                        | 28° <b>8</b> 15'48              |             | direct                            | -530 May 23 j 03:40                        | 9° <b>8</b> 02'25                 |                       |
|                   | -531 Jun 17 j 16:42                        | 0°II                            |             | morning max el                    | -530 Jun 03 j 21:46                        |                                   | 21°20'30              |
| morning max el    | -531 Jun 21 j 14:46                        | 2° <b>I</b> I56'03              | 19°59'09    |                                   | -530 Jun 15 j 10:43                        | 0°II                              |                       |
| asc. node         | -531 Jul 02 j 10:59                        | 17° <b>Ⅱ</b> 50'29              | 1, 3, 0,    | asc. node                         | -530 Jun 19 j 08:02                        | 7° <b>Ⅱ</b> 05'24                 |                       |
| use. Houe         | -531 Jul 08 j 19:57                        | 0°99                            |             | morning set                       | -530 Jun 23 j 23:53                        | 16° <b>Ⅲ</b> 25'12                |                       |
| morning set       | -531 Jul 09 j 15:47                        | 1°5940'00                       |             | morning sec                       | -530 Jun 30 j 11:44                        | 0°ම                               |                       |
| morning sec       | 05 1 041 05 1 15.17                        | 10 00                           |             |                                   | 230 van 30 j 11                            | • •                               |                       |
| superior conj     | -531 Jul 17 j 11:34                        | 17° <b>©</b> 33'25              | 1°46'03     | superior conj                     | -530 Jul 01 j 09:29                        | 1°953'03                          | 1°38'08               |
| minimum elong     | -531 Jul 17 j 10:38                        | 17°528'45                       | 1°46'01     | minimum elong                     | -530 Jul 01 j 07:26                        | 1°542'28                          | 1°37'59               |
| max. Earth dist.  | -531 Jul 22 j 22:30                        | 28°512'09                       | 1.36890 AU  | max. Earth dist.                  | -530 Jul 05 j 09:36                        | 10°9603'17                        | 1.35239 AU            |
| man. Bartin dist. | -531 Jul 23 j 21:21                        | 0° <b>Ω</b>                     | 1.500,0110  | evening rise                      | -530 Jul 09 j 18:42                        | 18°936'17                         | 1.50207110            |
| evening rise      | -531 Jul 26 j 19:52                        | 5° <b>Ω</b> 25'29               |             | evening rise                      | -530 Jul 16 j 00:33                        | 0° <b>Ω</b>                       |                       |
|                   | -531 Aug 10 j 14:18                        | 0° m/y                          |             | desc. node                        | -530 Jul 29 j 08:21                        | 21° <b>Ω</b> 16'13                |                       |
| desc. node        | -531 Aug 11 j 11:19                        | 1° <b>m</b> ) 19'28             |             | 4000. 11040                       | -530 Aug 04 j 17:32                        | 0° m)                             |                       |
| evening max el    | -531 Aug 31 j 15:57                        | 27° m/09'48                     | 25°42'38    | evening max el                    | -530 Aug 14 j 03:50                        | 10° <b>m</b> ) 44'30              | 26°40'54              |
| evening max er    | -531 Sep 03 j 19:37                        | 0ಂ <del>ರ</del>                 | 23 12 30    | retrograde                        | -530 Aug 27 j 03:10                        | 17° <b>m</b> 59'34                | 20 1031               |
| retrograde        | -531 Sep 12 j 22:31                        | ა <b>—</b><br>4° <b>ჲ</b> 11'58 |             | evening set                       | -530 Sep 02 j 18:36                        | 15° <b>m</b> ) 15'36              |                       |
| evening set       | -531 Sep 19 j 00:38                        | 1° <b>⊆</b> 37'53               |             | min. Earth dist.                  | -530 Sep 06 j 18:59                        | 11° Mp 07'21                      | 0.65894 AU            |
| evening set       | -531 Sep 20 j 17:07                        | 30°R, Mb                        |             | inferior conj                     | -530 Sep 08 j 11:55                        | 9° <b>m</b> <sub>2</sub> 0721     |                       |
| min. Earth dist.  | -531 Sep 23 j 08:28                        | 26° m/52'20                     | 0.66809 AU  | minimum elong                     | -530 Sep 08 j 15:15                        | 8° <b>m</b> <sub>2</sub> 55'19    | 2°12'55               |
| inferior conj     | -531 Sep 24 j 13:23                        | 25° m/20'00                     |             | morning rise                      | -530 Sep 08 j 15:15<br>-530 Sep 14 j 12:22 | 3° <b>m</b> <sub>21'14</sub>      | 2 12 33               |
| minimum elong     | -531 Sep 24 j 15:22                        | 25° m/20'00                     |             | asc. node                         | -530 Sep 14 j 12:22<br>-530 Sep 15 j 07:14 | 2° <b>m</b> 58'53                 |                       |
| asc. node         | -531 Sep 28 j 10:10                        | 20° <b>m</b> 51'50              | 1 1007      | direct                            | -530 Sep 17 j 10:51                        | 2° My 32'53                       |                       |
| morning rise      | -531 Sep 28 j 10.10<br>-531 Sep 30 j 06:19 | 19° Mg 24'19                    |             | morning max el                    | -530 Sep 17 j 10.31<br>-530 Sep 24 j 02:39 | 6° M) 13'04                       | 18°30'48              |
| direct            | -531 Sep 30 j 06.19                        | -                               |             | morning max ci                    | -530 Sep 24 j 02.39<br>-530 Oct 10 j 12:29 | 0∘ <b>ʊ</b>                       | 10 30 40              |
|                   | -531 Oct 03 j 13:11<br>-531 Oct 10 j 15:21 | 18° Mp 21'57<br>22° Mp 22'28    | 19°15'15    | morning set                       | -530 Oct 10 j 12:29<br>-530 Oct 14 j 02:21 | 0° <b>22</b><br>5° <b>Ω</b> 45'54 |                       |
| morning max el    |  | 0° <b>⊽</b>                     | 17 13 13    | •                                 | ·  |                                   |                       |
| marning act       | -531 Oct 16 j 20:05                        |                                 |             | desc. node                        | -530 Oct 25 j 07:40                        | 23° <b>Ω</b> 40'39                |                       |
| morning set       | -531 Nov 02 j 22:19                        | 25° <b>♀</b> 55'48              |             |                                   | -530 Oct 29 j 07:51                        | 0° <b>M</b>                       |                       |
| desc. node        | -531 Nov 05 j 12:54                        | 0°M,                            |             | gunorier con:                     | 520 Oct 20 : 16:16                         | 0°MJ33'09                         | 0020114               |
|                   | -531 Nov 07 j 10:38                        | 2°M58'38                        | 1 44671 411 | superior conj                     | -530 Oct 29 j 16:16                        |                                   |                       |
| max. Earth dist.  | -531 Nov 16 j 21:51                        | 17 11630700                     | 1.44671 AU  | minimum elong<br>max. Earth dist. | -530 Oct 29 j 12:33                        |                                   | 0°27'44<br>1.45011 AU |
|                   |  |                                 |             | max. Darui uist.                  | -530 Oct 30 j 16:11                        | 2 IIGU/ 13                        | 1.75011 AU            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 199 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | cal year style is used: Tl | ne year -900 in             | astronomical coun | ting style is the year 9 | 001 BCE in historical cou | nting style.         |            |
|----------------------|----------------------------|-----------------------------|-------------------|--------------------------|---------------------------|----------------------|------------|
| evening rise         | -530 Nov 14 j 20:11        | 25° <b>™</b> 59'46          |                   | desc. node               | -529 Oct 12 j 04:42       | 14° <b>≙</b> 26'34   |            |
|                      | -530 Nov 17 j 08:54        | 0° <b>∡</b> ¹               |                   | max. Earth dist.         | -529 Oct 13 j 10:58       | 16° <b>≏</b> 26'41   | 1.44611 AU |
| greatest brilliancy  | -530 Nov 24 j 04:40        | 10° <b>∡</b> ¹45'46         | -0.8m             |                          | -529 Oct 22 j 02:34       | o° <b>M</b> ₊        |            |
| evening max el       | -530 Dec 07 j 09:56        | 29° <b>∡</b> 10'43          | 19°08'23          | evening rise             | -529 Oct 25 j 11:27       | 5°M13'06             |            |
| <b>3</b>             | -530 Dec 08 j 05:53        | 0°ප                         |                   | greatest brilliancy      | -529 Nov 08 j 06:54       | 26°M14'36            | -0.6m      |
| asc. node            | -530 Dec 12 j 06:28        | 2° <b>る</b> 45'05           |                   | greatest offinality      | -529 Nov 10 j 20:24       | 0° <b>%</b>          | 0.0111     |
| retrograde           | -530 Dec 12 j 00:28        | 2 රූ 303<br>3° පි 10'01     |                   | evening max el           | -529 Nov 20 j 15:17       |                      | 20°01'37   |
| •                    | ·                          |                             |                   | •                        |                           |                      | 20 0137    |
| evening set          | -530 Dec 17 j 16:35        | 2°る06'49                    |                   | retrograde               | -529 Nov 28 j 06:48       | 17° 🗷 07'07          |            |
|                      | -530 Dec 20 j 04:32        | 30°₹ <b>⋌</b>               |                   | asc. node                | -529 Nov 29 j 03:30       | 17° <b>∡</b> 02'52   |            |
| inferior conj        | -530 Dec 23 j 07:54        | 26° <b>≯</b> 17'34          |                   | evening set              | -529 Dec 01 j 22:01       | 15° <b>∡</b> 750′02  |            |
| minimum elong        | -530 Dec 23 j 05:07        | 26° <b>≯</b> 26'21          | 3°09'42           | inferior conj            | -529 Dec 07 j 09:17       | 9° <b>∡</b> ¹47′20   |            |
| min. Earth dist.     | -530 Dec 24 j 18:26        | 24° <b>∡</b> °28′20         | 0.65824 AU        | minimum elong            | -529 Dec 07 j 06:31       | 9° <b>∡</b> 56′35    | 2°32'53    |
| morning rise         | -530 Dec 28 j 17:24        | 20° <b>₮</b> 07'23          |                   | min. Earth dist.         | -529 Dec 08 j 06:20       | 8° <b>҂</b> ³37'05   | 0.66781 AU |
| direct               | -529 Jan 04 j 04:02        | 17° <b>∡</b> 18′08          |                   | morning rise             | -529 Dec 12 j 14:50       | 3° <b>∡</b> ³34′26   |            |
| morning max el       | -529 Jan 16 j 22:40        | 24° <b>∡</b> ¹49'04         | 26°25'26          | direct                   | -529 Dec 18 j 11:42       | 0° <b>≯</b> 758'38   |            |
| desc. node           | -529 Jan 21 j 06:51        | 29° <b>∡</b> ³33'13         |                   | morning max el           | -529 Dec 30 j 07:25       | 8° <b>∡</b> 100'23   | 25°09'55   |
| dese. node           | -529 Jan 21 j 15:57        | 0°る                         |                   | desc. node               | -528 Jan 08 j 03:53       | 18° <b>₹</b> '21'21  | 20 03 00   |
|                      | -529 Feb 11 j 12:40        | 0° <b>≈</b>                 |                   | dese. Hode               | -528 Jan 16 j 13:33       | 0°중                  |            |
| . ,                  |                            |                             |                   |                          | 3                         |                      |            |
| morning set          | -529 Feb 22 j 01:02        | 18°≈35'20                   | 1 2 1000 177      |                          | -528 Feb 04 j 01:34       | 0° <b>≈</b>          |            |
| max. Earth dist.     | -529 Feb 26 j 04:06        | 26°≈32'08                   | 1.34990 AU        | morning set              | -528 Feb 04 j 12:58       | 0° <b>≈</b> 51'01    |            |
|                      | -529 Feb 27 j 21:57        | 0° <b>ℋ</b>                 |                   | max. Earth dist.         | -528 Feb 08 j 05:40       | 7° <b>≈</b> 36'42    | 1.36717 AU |
|                      |                            |                             |                   |                          |                           |                      |            |
| superior conj        | -529 Mar 02 j 20:07        | 5° <b>¥</b> 55'54           | -1°11'20          | superior conj            | -528 Feb 14 j 09:38       | 19° <b>≈</b> 27'28   | -1°34'16   |
| minimum elong        | -529 Mar 02 j 23:22        | 6° <b>)</b> 12'34           | 1°10'48           | minimum elong            | -528 Feb 14 j 13:24       | 19° <b>≈</b> 46′05   | 1°33'48    |
| asc. node            | -529 Mar 10 j 05:46        | 21° <b>¥</b> 18′06          |                   |                          | -528 Feb 19 j 15:50       | 0° <b>∀</b>          |            |
| evening rise         | -529 Mar 10 j 12:17        | 21° <b>)</b> 51'42          |                   | evening rise             | -528 Feb 22 j 15:54       | 6° <b>)</b> 04'19    |            |
| e vennig nise        | -529 Mar 14 j 13:18        | 0°Υ                         |                   | asc. node                | -528 Feb 25 j 02:48       | 10° <b>)</b> 57'44   |            |
| evening max el       | -529 Mar 29 j 10:19        | 22° <b>Υ</b> 25'28          | 20045120          | asc. nouc                | -528 Mar 07 j 09:01       | 0°Υ                  |            |
| •                    |                            | $27^{\circ}$ <b>Y</b> 51'18 | 20 43 36          |                          |                           | 4° <b>Υ</b> 03'10    | 10027122   |
| retrograde           | -529 Apr 09 j 16:48        |                             |                   | evening max el           | -528 Mar 10 j 23:06       |                      | 19°36'33   |
| evening set          | -529 Apr 11 j 21:47        | 27° <b>Y</b> 39'38          |                   | retrograde               | -528 Mar 20 j 12:40       | 8° <b>Ƴ</b> 38′20    |            |
| desc. node           | -529 Apr 19 j 06:01        | 24° <b>Ƴ</b> 45'42          |                   | evening set              | -528 Mar 22 j 16:30       | 8° <b>Y</b> 25′21    |            |
| inferior conj        | -529 Apr 21 j 03:09        | 23° <b>Y</b> 42'02          |                   | inferior conj            | -528 Mar 31 j 06:17       | 4° <b>Ƴ</b> 21'02    | 1°20'50    |
| minimum elong        | -529 Apr 21 j 01:38        | 23° <b>Y</b> '44'12         | 0°31'42           | minimum elong            | -528 Mar 31 j 09:31       | 4° <b>Ƴ</b> 15'53    | 1°19'46    |
| min. Earth dist.     | -529 Apr 22 j 04:25        | 23° <b>Y</b> 05'54          | 0.55100 AU        | min. Earth dist.         | -528 Apr 02 j 18:43       | 2° <b>Ƴ</b> 45'24    | 0.55950 AU |
| morning rise         | -529 Apr 30 j 04:44        | 19° <b>Ƴ</b> 32'11          |                   | desc. node               | -528 Apr 05 j 03:01       | 1° <b>Y</b> 23'13    |            |
| direct               | -529 May 03 j 14:42        | 19° <b>Y</b> ′06′59         |                   |                          | -528 Apr 08 j 02:30       | 30° <b>₹</b> ₩       |            |
| morning max el       | -529 May 16 j 18:39        | 25° <b>Υ</b> 28'42          | 22°56'37          | morning rise             | -528 Apr 08 j 24:00       | 29° <b>)</b> 41′08   |            |
| morning max cr       |                            | 0°8                         | 22 30 37          | direct                   |                           | 28° <b>H</b> 57'59   |            |
|                      | -529 May 20 j 23:56        |                             |                   | direct                   | -528 Apr 13 j 09:16       |                      |            |
| asc. node            | -529 Jun 06 j 05:03        | 26° <b>8</b> 43'05          |                   |                          | -528 Apr 18 j 14:40       | 0° <b>Υ</b>          |            |
|                      | -529 Jun 07 j 19:23        | 0°Щ                         |                   | morning max el           | -528 Apr 27 j 09:58       | 6° <b>Ƴ</b> 01'29    | 24°37'19   |
| morning set          | -529 Jun 08 j 10:46        | 1°Ⅱ20′16                    |                   |                          | -528 May 14 j 15:19       | $9^{\circ}$ 8        |            |
|                      |                            |                             |                   | morning set              | -528 May 22 j 22:46       | 16° <b>8</b> 19'48   |            |
| superior conj        | -529 Jun 15 j 14:07        | 16° <b>∏</b> 33'29          | 1°24'40           | asc. node                | -528 May 23 j 02:05       | 16° <b>8</b> 37'17   |            |
| minimum elong        | -529 Jun 15 j 11:38        | 16° <b>Ⅲ</b> 20′11          | 1°24'21           |                          | -528 May 29 j 07:01       | $\Pi$ $^{\circ}0$    |            |
| max. Earth dist.     | -529 Jun 18 j 06:29        | 22° <b>Ⅱ</b> 13′23          | 1.33954 AU        |                          |                           |                      |            |
|                      | -529 Jun 22 j 01:27        | 0°ಅ                         |                   | superior conj            | -528 May 29 j 23:04       | 1° <b>Ⅱ</b> 27'11    | 1°06'51    |
| evening rise         | -529 Jun 23 j 07:15        | 2° <b>5</b> 28'24           |                   | minimum elong            | -528 May 29 j 20:40       | 1° <b>Ⅱ</b> 14'10    | 1°06'28    |
|                      | -529 Jul 08 j 21:16        | 0° <b>Ω</b>                 |                   | max. Earth dist.         | -528 May 31 j 11:53       | 4° <b>Ⅱ</b> 46'21    | 1.33050 AU |
| desc. node           | -529 Jul 16 j 05:22        | 10° <b>Ω</b> 42'44          |                   | evening rise             | -528 Jun 06 j 05:36       | 16° <b>Ⅲ</b> 50'19   | 1.55000110 |
|                      | -                          | 24°Ω07'25                   | 27916155          | evening rise             |                           | 0°9                  |            |
| evening max el       | -529 Jul 27 j 15:35        |                             | 27 10 33          | 1 1                      | -528 Jun 13 j 00:32       |                      |            |
|                      | -529 Aug 04 j 12:53        | 0° m/y                      |                   | desc. node               | -528 Jul 02 j 02:22       | 29° <b>©</b> 26'32   |            |
| retrograde           | -529 Aug 10 j 02:04        | 1° Mp 26'49                 |                   |                          | -528 Jul 02 j 13:16       | $0$ $^{\circ}\Omega$ |            |
|                      | -529 Aug 15 j 05:18        | $30^{\circ}$ R $\Omega$     |                   | evening max el           | -528 Jul 09 j 01:14       | 7° <b>Ω</b> 05'54    | 27°24'19   |
| evening set          | -529 Aug 17 j 03:29        | 28° <b>Ω</b> 41'39          |                   | retrograde               | -528 Jul 22 j 18:59       | 14° <b>Ω</b> 25′18   |            |
| min. Earth dist.     | -529 Aug 20 j 21:22        | 25° <b>Ω</b> 09'58          | 0.64614 AU        | evening set              | -528 Jul 29 j 23:59       | 11° <b>Ω</b> 50′58   |            |
| inferior conj        | -529 Aug 23 j 03:24        | 22° <b>Ω</b> 42'34          | -3°06'39          | min. Earth dist.         | -528 Aug 02 j 13:55       | 8° <b>Ω</b> 50′26    | 0.62975 AU |
| minimum elong        | -529 Aug 23 j 07:46        | 22° <b>Ω</b> 30′39          | 3°05'18           | inferior conj            | -528 Aug 05 j 09:07       | 6° <b>Ω</b> 06'04    | -3°52'55   |
| morning rise         | -529 Aug 29 j 12:47        | 17° <b>Ω</b> 13'37          |                   | minimum elong            | -528 Aug 05 j 13:43       | 5° <b>Ω</b> 54'47    |            |
| direct               | -529 Sep 01 j 05:18        | 16° <b>Ω</b> 35'52          |                   | morning rise             | -528 Aug 12 j 04:37       | 0° <b>Ω</b> 55'34    |            |
|                      |                            | 16° <b>Ω</b> 40'42          |                   | direct                   |                           | 0° <b>Ω</b> 25'29    |            |
| asc. node            | -529 Sep 02 j 04:16        |                             | 10002!10          |                          | -528 Aug 14 j 17:33       |                      |            |
| morning max el       | -529 Sep 07 j 17:28        | 20° <b>Ω</b> 04'16          | 18-03-18          | asc. node                | -528 Aug 19 j 01:18       | 1° <b>Ω</b> 54'10    | 1.00.000   |
|                      | -529 Sep 15 j 04:23        | 0° m/y                      |                   | morning max el           | -528 Aug 21 j 09:05       | 3° <b>£</b> 50'33    | 17°53'33   |
| morning set          | -529 Sep 25 j 10:44        | 16° Mp 58'57                |                   | morning set              | -528 Sep 06 j 18:47       | 29° <b>Ω</b> 20′03   |            |
|                      | -529 Oct 03 j 06:12        | 0∘ <b>⊽</b>                 |                   |                          | -528 Sep 07 j 03:49       | 0° <b>m</b> )        |            |
|                      |                            |                             |                   |                          |                           |                      |            |
| superior conj        | -529 Oct 09 j 01:01        | 9° <b>≏</b> 24'04           | 0°20'39           | superior conj            | -528 Sep 18 j 10:15       | 19° <b>m</b> 29'03   | 1°01'02    |
| minimum elong        | -529 Oct 09 j 03:26        | 9° <b>₽</b> 33'48           | 0°20'19           | minimum elong            | -528 Sep 18 j 15:19       | 19° <b>m</b> 50'16   | 1°00'25    |
| Č                    | Ÿ                          |                             |                   | Č                        |                           | •                    |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 200 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl | he year -900 in       | astronomical cour | nting style is the year | 901 BCE in historical cou | inting style.                      |            |
|---------------------|-----------------------------|-----------------------|-------------------|-------------------------|---------------------------|------------------------------------|------------|
|                     | -528 Sep 24 j 19:33         | 0∘ <b>⊽</b>           |                   | max. Earth dist.        | -527 Sep 07 j 12:31       | 13° <b>m</b> 54'24                 | 1.41911 AU |
| max. Earth dist.    | -528 Sep 25 j 02:32         | 0° <b>£</b> 28'14     | 1.43529 AU        | evening rise            | -527 Sep 13 j 09:58       | 23° <b>m</b> 31'12                 |            |
| desc. node          | -528 Sep 28 j 01:44         | 5° <b>₽</b> 13'26     |                   | desc. node              | -527 Sep 14 j 22:46       | 25° Mp 57′22                       |            |
| evening rise        | -528 Oct 03 j 18:00         | 14° <b>₽</b> 08'08    |                   |                         | -527 Sep 17 j 12:41       | 0∘ <b>ত</b>                        |            |
|                     | -528 Oct 14 j 04:43         | $0^{\circ}$ M.        |                   |                         | -527 Oct 08 j 06:16       | $0^{\circ}$ M $\cdot$              |            |
| evening max el      | -528 Nov 02 j 14:58         | 26°M06'21             | 21°08'06          | evening max el          | -527 Oct 16 j 08:58       | 9° <b>™</b> 35′08                  | 22°24'12   |
|                     | -528 Nov 07 j 08:09         | 0° <b>∡</b> ¹         |                   | retrograde              | -527 Oct 25 j 23:52       | 15° <b>M</b> ₊18'25                |            |
| retrograde          | -528 Nov 11 j 04:13         | 1° <b>√</b> 11'01     |                   | evening set             | -527 Oct 30 j 13:09       | 13°M28'15                          |            |
|                     | -528 Nov 14 j 17:24         | 30°RM₊                |                   | asc. node               | -527 Nov 01 j 21:34       | 11°ML05'29                         |            |
| evening set         | -528 Nov 15 j 05:28         | 29°M38'11             |                   | inferior conj           | -527 Nov 04 j 21:20       | 7° <b>ጤ</b> 09'13                  | 1°01'03    |
| asc. node           | -528 Nov 15 j 00:31         | 29°M47'28             |                   | minimum elong           | -527 Nov 04 j 19:58       | 7° <b>ጤ</b> 13'58                  | 1°00'28    |
| inferior conj       | -528 Nov 20 j 14:26         | 23°M25'27             | 1°50'03           | min. Earth dist.        | -527 Nov 04 j 19:48       | 7° <b>™</b> 14'31                  | 0.67622 AU |
| minimum elong       | -528 Nov 20 j 12:10         | 23°M33'14             | 1°49'11           | morning rise            | -527 Nov 10 j 02:38       | 0°M57'07                           |            |
| min. Earth dist.    | -528 Nov 20 j 23:38         | 22°M53'49             | 0.67372 AU        | C                       | -527 Nov 11 j 10:42       | 30° <b>₽</b> Ω                     |            |
| morning rise        | -528 Nov 25 j 18:42         | 17° <b>M</b> .11'46   |                   | direct                  | -527 Nov 14 j 17:20       | 29° <b>Ω</b> 03'16                 |            |
| direct              | -528 Dec 01 j 00:22         | 14°M55'42             |                   |                         | -527 Nov 18 j 06:24       | 0°M                                |            |
| morning max el      | -528 Dec 11 j 16:10         | 21°M16'51             | 23°43'46          | morning max el          | -527 Nov 24 j 03:40       | 4°M38'16                           | 22°16'43   |
| 5 5                 | -528 Dec 19 j 04:47         | 0° <b>∡</b> 7         |                   | desc. node              | -527 Dec 11 j 22:02       | 27° <b>M</b> 44'11                 |            |
| desc. node          | -528 Dec 25 j 00:58         | 7° <b>∡</b> ¹48'45    |                   |                         | -527 Dec 13 j 11:01       | 0° <b>⊼</b>                        |            |
| door. Hour          | -527 Jan 08 j 20:17         | 0°る                   |                   | morning set             | -527 Dec 27 j 09:58       | 21° <b>х</b> 36′03                 |            |
| morning set         | -527 Jan 16 j 01:43         | 11° <b>る</b> 55'16    |                   | morning sec             | -526 Jan 01 j 12:12       | 0°る                                |            |
| max. Earth dist.    | -527 Jan 20 j 01:02         | 18° <b>る</b> 48'25    | 1.38755 AU        | max. Earth dist.        | -526 Jan 01 j 21:56       | 。<br>0° <b>る</b> 40'54             | 1.40863 AU |
| max. Lattii dist.   | -527 Jan 26 j 05:00         | 0°≈                   | 1.36733 AC        | max. Lartii dist.       | -320 Juli 01 j 21.30      | 0 04034                            | 1.40003 AC |
|                     | -327 Jun 20 J 03.00         | 0 ~                   |                   | superior conj           | -526 Jan 09 j 16:55       | 14° <b>ට</b> 11'56                 | -2°00'45   |
| superior conj       | -527 Jan 27 j 10:10         | 2°≈16'39              | _1°51'53          | minimum elong           | -526 Jan 09 j 17:42       | 14°る11'30                          |            |
| minimum elong       | -527 Jan 27 j 13:20         | 2°≈31'37              |                   | minimum clong           | -526 Jan 18 j 07:32       | 0°≈                                | 2 00 43    |
| evening rise        | -527 Feb 05 j 12:13         | 2 ≈31 37<br>19°≈49'40 | 1 31 40           | evening rise            | -526 Jan 19 j 22:06       | 3°≈00'32                           |            |
| •                   |                             | 0° <b>)</b> 16'34     |                   | asc. node               | -                         | 3 ≈00 32<br>19°≈07'53              |            |
| asc. node           | -527 Feb 10 j 23:50         | 0° <del>)(</del>      |                   |                         | -526 Jan 28 j 20:53       | 19 ≈07 53<br>29°≈01'52             | 10017170   |
|                     | -527 Feb 10 j 20:13         |                       | 10046150          | evening max el          | -526 Feb 05 j 04:46       | 29 <b>≈</b> 01 32<br>0° <b>)</b> € | 10 1/20    |
| evening max el      | -527 Feb 21 j 22:07         | 16° <b>¥</b> 17′26    | 18°46'58          |                         | -526 Feb 06 j 06:21       | 2° <b> <del>X</del></b> 34'49      |            |
| retrograde          | -527 Mar 02 j 00:59         | 20° <b> ★</b> 13'34   |                   | retrograde              | -526 Feb 12 j 07:55       |                                    |            |
| evening set         | -527 Mar 04 j 09:12         | 19° <b>¥</b> 55'12    | 2044147           | evening set             | -526 Feb 14 j 21:05       | 2° <b>∺</b> 08'39                  |            |
| inferior conj       | -527 Mar 12 j 04:08         | 15° <b>)</b> (34′22   |                   |                         | -526 Feb 18 j 19:17       | 30°R≈                              | 202210.4   |
| minimum elong       | -527 Mar 12 j 08:32         | 15° <b>¥</b> 26'15    |                   | inferior conj           | -526 Feb 21 j 23:00       | 27°≈27'12                          |            |
| min. Earth dist.    | -527 Mar 15 j 11:29         |                       | 0.57547 AU        | minimum elong           | -526 Feb 22 j 01:47       | 27°≈21'13                          |            |
| morning rise        | -527 Mar 20 j 04:56         | 10° <b>)</b> €22'07   |                   | min. Earth dist.        | -526 Feb 25 j 08:40       | 24°≈32'55                          | 0.59565 AU |
| desc. node          | -527 Mar 23 j 00:04         | 9° <b>)</b> €25'47    |                   | morning rise            | -526 Mar 01 j 04:16       | 21°≈50'54                          |            |
| direct              | -527 Mar 25 j 17:38         | 9° <b>₩</b> 07'19     |                   | direct                  | -526 Mar 07 j 15:12       | 19° <b>≈</b> 57'40                 |            |
| morning max el      | -527 Apr 09 j 01:42         | 16° <b>)</b> 37'35    | 26°07'48          | desc. node              | -526 Mar 09 j 21:08       | 20° <b>≈</b> 10'58                 |            |
|                     | -527 Apr 20 j 00:02         | 0° <b>Υ</b>           |                   | morning max el          | -526 Mar 21 j 22:15       | 27° <b>≈</b> 41'37                 | 27°13'22   |
|                     | -527 May 06 j 19:27         | 0° <b>8</b>           |                   |                         | -526 Mar 24 j 03:52       | 0° <b>∀</b>                        |            |
| morning set         | -527 May 07 j 10:11         | 1° <b>8</b> 17'05     |                   |                         | -526 Apr 13 j 13:49       | 0° <b>Υ</b>                        |            |
| asc. node           | -527 May 09 j 23:07         | 6° <b>8</b> 41'50     |                   | morning set             | -526 Apr 21 j 19:19       | 16° <b>Y</b> ′06′09                |            |
|                     |                             |                       |                   | asc. node               | -526 Apr 26 j 20:12       | 26° <b>Y</b> 52'12                 |            |
| superior conj       | -527 May 14 j 10:17         | 16° <b>8</b> 26'24    |                   |                         | -526 Apr 28 j 06:32       | $9^{\circ}$ 8                      |            |
| minimum elong       | -527 May 14 j 08:25         | 16° <b>8</b> 16'13    |                   |                         |                           |                                    |            |
| max. Earth dist.    | -527 May 14 j 22:45         |                       | 1.32520 AU        | superior conj           | -526 Apr 28 j 22:03       | 1° <b>8</b> 25'06                  |            |
|                     | -527 May 20 j 17:07         | $\Pi^{\circ 0}$       |                   | minimum elong           | -526 Apr 28 j 21:05       | 1° <b>8</b> 19'48                  |            |
| evening rise        | -527 May 21 j 10:36         | 1° <b>Ⅱ</b> 31′21     |                   | max. Earth dist.        | -526 Apr 28 j 11:34       | 0° <b>8</b> 27'35                  | 1.32359 AU |
|                     | -527 Jun 06 j 00:11         | $0$ $\circ$ $\odot$   |                   | evening rise            | -526 May 05 j 19:52       | 16° <b>8</b> 23'24                 |            |
| desc. node          | -527 Jun 18 j 23:22         | 17° <b>©</b> 08'50    |                   |                         | -526 May 12 j 15:15       | $\Pi$ °0                           |            |
| evening max el      | -527 Jun 21 j 06:21         | 19° <b>©</b> 27'12    | 26°59'17          |                         | -526 Jun 02 j 02:54       | $0$ $\circ$                        |            |
| retrograde          | -527 Jul 05 j 05:04         | 26°5944'40            |                   | evening max el          | -526 Jun 03 j 05:07       | 1° <b>©</b> 04'25                  | 26°02'10   |
| evening set         | -527 Jul 12 j 03:49         | 24° <b>©</b> 35'24    |                   | desc. node              | -526 Jun 05 j 20:22       | 3° <b>©</b> 24'01                  |            |
| min. Earth dist.    | -527 Jul 15 j 20:17         | 21° <b>©</b> 53'58    | 0.61041 AU        | retrograde              | -526 Jun 17 j 06:29       | 8° <b>©</b> 17'48                  |            |
| inferior conj       | -527 Jul 19 j 01:45         | 19° <b>©</b> 07'06    | -4°27'33          | evening set             | -526 Jun 23 j 10:30       | 6° <b>ॐ</b> 45'13                  |            |
| minimum elong       | -527 Jul 19 j 05:09         | 18° <b>©</b> 59'45    | 4°27'07           | min. Earth dist.        | -526 Jun 27 j 17:53       | 4° <b>©</b> 05'48                  | 0.58983 AU |
| morning rise        | -527 Jul 26 j 08:13         | 14° <b>©</b> 17'41    |                   | inferior conj           | -526 Jul 01 j 01:42       | 1° <b>5</b> 36'28                  | -4°41'57   |
| direct              | -527 Jul 28 j 19:47         | 13° <b>©</b> 52'56    |                   | minimum elong           | -526 Jul 01 j 01:54       | 1° <b>5</b> 36'06                  | 4°41'56    |
| morning max el      | -527 Aug 04 j 22:28         | 17° <b>5</b> 23'50    | 18°02'30          |                         | -526 Jul 03 j 06:32       | 30°Ŗ <b>Ⅱ</b>                      |            |
| asc. node           | -527 Aug 05 j 22:22         | 18° <b>5</b> 25'13    |                   | morning rise            | -526 Jul 08 j 19:38       | 27° <b>Ⅱ</b> 09'13                 |            |
|                     | -527 Aug 13 j 22:06         | $0^{\circ}\Omega$     |                   | direct                  | -526 Jul 11 j 07:47       | 26° <b>Ⅱ</b> 48′04                 |            |
| morning set         | -527 Aug 20 j 20:30         | 12° <b>Ω</b> 31'40    |                   |                         | -526 Jul 18 j 14:59       | $0$ $\circ$ $\odot$                |            |
|                     | -527 Aug 30 j 10:26         | 0° <b>m</b>           |                   | morning max el          | -526 Jul 19 j 06:34       | 0° <b>©</b> 35'29                  | 18°31'22   |
|                     |                             |                       |                   | asc. node               | -526 Jul 23 j 19:26       | 5° <b>©</b> 58'35                  |            |
| superior conj       | -527 Aug 30 j 22:39         | 0° <b>™</b> 54'05     | 1°28'26           | morning set             | -526 Aug 04 j 10:59       | 26°521'06                          |            |
| minimum elong       | -527 Aug 31 j 02:54         | 1° Mp 12'50           | 1°28'03           |                         | -526 Aug 06 j 08:20       | $0^{\circ}\Omega$                  |            |
|                     |                             |                       |                   |                         |                           |                                    |            |

| -                | -  |  |                |                        | 901 BCE in historical cou                  |                                   | 50 201     |
|------------------|--|--|----------------|------------------------|--|-----------------------------------|------------|
| superior conj    | -526 Aug 13 j 09:53                        | 13° <b>Ω</b> 27'12                       |                | morning set            | -525 Jul 19 j 10:29                        | 10° <b>©</b> 38'29                |            |
| minimum elong    | -526 Aug 13 j 11:59                        | 13° <b>Ω</b> 36′58                       | 1°43'06        |                        | v  |                                   |            |
| max. Earth dist. | -526 Aug 20 j 17:23                        | 26° <b>Ω</b> 38′06                       | 1.39978 AU     | superior conj          | -525 Jul 27 j 14:17                        | 26°952'44                         | 1°47'28    |
|                  | -526 Aug 22 j 16:09                        | o° mp                                    |                | minimum elong          | -525 Jul 27 j 14:18                        | 26° <b>9</b> 52'47                | 1°47'29    |
| evening rise     | -526 Aug 25 j 00:23                        | 3° Mp 57'48                              |                |                        | -525 Jul 29 j 04:55                        | $0^{\circ}\Omega$                 |            |
| desc. node       | -526 Sep 01 j 19:46                        | 16°My34'51                               |                | max. Earth dist.       | -525 Aug 02 j 20:34                        | 8° <b>Ω</b> 45′28                 | 1.37975 AU |
|                  | -526 Sep 10 j 18:09                        | 0∘ <b>⊽</b>                              |                | evening rise           | -525 Aug 06 j 15:44                        | 15° <b>Ω</b> 35'47                |            |
| evening max el   | -526 Sep 28 j 22:44                        | 23° <b>ჲ</b> 06'36                       | 23°44'27       |                        | -525 Aug 15 j 05:09                        | 0° <b>™</b>                       |            |
| retrograde       | -526 Oct 09 j 16:15                        | 29° <b>Ω</b> 26'06                       |                | desc. node             | -525 Aug 19 j 16:46                        | 7° <b>m</b> 01'36                 |            |
| evening set      | -526 Oct 14 j 19:21                        | 27° <b>≏</b> 17'45                       |                |                        | -525 Sep 05 j 08:30                        | 0∘ <b>⊽</b>                       |            |
| min. Earth dist. | -526 Oct 19 j 16:22                        | 21° <b>△</b> 36'39                       | 0.67561 AU     | evening max el         | -525 Sep 11 j 10:30                        | 6° <b>≙</b> 42'03                 | 25°02'06   |
| asc. node        | -526 Oct 19 j 18:40                        | 21° <b>Ω</b> 28'50                       |                | retrograde             | -525 Sep 23 j 04:32                        | 13° <b>△</b> 30'51                |            |
| inferior conj    | -526 Oct 20 j 04:12                        | 20° <b>£</b> 56'17                       | 0°08'15        | evening set            | -525 Sep 28 j 22:22                        | 11° <b>Ω</b> 05'13                |            |
| minimum elong    | -526 Oct 20 j 04:00                        | 20° <b>Ω</b> 56'58                       | 0°08'10        | min. Earth dist.       | -525 Oct 03 j 10:49                        | 5° <b>Ω</b> 58'58                 | 0.67182 AU |
| transit middle   | -526 Oct 20 j 04:00                        | 20° <b>Ω</b> 56'58                       | 0°08'10        | inferior conj          | -525 Oct 04 j 09:18                        | 4° <b>Ω</b> 45'05                 |            |
| transit begin    | -526 Oct 20 j 01:39                        | 21° <b>Ω</b> 04'59                       |                | minimum elong          | -525 Oct 04 j 10:27                        | 4° <b>£</b> 41'16                 | 0°46'18    |
| transit end      | -526 Oct 20 j 06:21                        | 20° <b>Ω</b> 48'57                       |                | asc. node              | -525 Oct 06 j 15:43                        | 1° <b>£</b> 52'44                 |            |
| morning rise     | -526 Oct 25 j 12:35                        | 14° <b>Ω</b> 48'23                       |                |                        | -525 Oct 08 j 09:41                        | 30°RM)                            |            |
| direct           | -526 Oct 29 j 13:29<br>-526 Nov 06 j 21:10 | 13° <b>≙</b> 16'26<br>18° <b>≙</b> 07'41 | 2005/125       | morning rise<br>direct | -525 Oct 09 j 22:37                        | 28° Mp 44'17                      |            |
| morning max el   | -526 Nov 16 j 11:18                        | 0°M                                      | 20 30 23       | direct                 | -525 Oct 13 j 11:32<br>-525 Oct 18 j 23:39 | 27° <b>™</b> 31'59<br>0° <b>₽</b> |            |
| desc. node       | -526 Nov 28 j 19:05                        | 17°M59'02                                |                | morning max el         | -525 Oct 18 j 23:39<br>-525 Oct 20 j 22:25 | 0 <b>==</b><br>1° <b>£</b> 47'50  | 19°48'04   |
| morning set      | -526 Dec 06 j 15:40                        | 0° <b>₹</b> 03'28                        |                | morning max ci         | -525 Nov 10 j 04:07                        | 0°M                               | 19 40 04   |
| morning set      | -526 Dec 06 j 14:46                        | 0° <b>⊼</b> 0328                         |                | morning set            | -525 Nov 15 j 12:36                        | 8°M14'26                          |            |
| max. Earth dist. | -526 Dec 15 j 01:58                        |  | 1.42752 AU     | desc. node             | -525 Nov 15 j 16:07                        | 8°M28'01                          |            |
| max. Earth dist. | 320 Bec 13 j 01.30                         | 13 7 27 17                               | 1.12/32/10     | max. Earth dist.       | -525 Nov 27 j 13:56                        | 27°M07'39                         | 1.44159 AU |
| superior conj    | -526 Dec 22 j 00:18                        | 24° <b>₹</b> ′59′10                      | -1°56'31       | max. Dartii dist.      | -525 Nov 29 j 09:08                        | 0° <b>√</b>                       | 1.11107110 |
| minimum elong    | -526 Dec 21 j 20:44                        | 24° <b>×</b> <sup>7</sup> 44'04          |                |                        | 2201107 27 1 07.00                         | • ••                              |            |
|                  | -526 Dec 24 j 22:47                        | 0°⋜                                      |                | superior conj          | -525 Dec 02 j 04:43                        | 4° <b>∡</b> ³31'47                | -1°35'03   |
| evening rise     | -525 Jan 02 j 17:36                        | 15° <b>る</b> 27'39                       |                | minimum elong          | -525 Dec 01 j 21:02                        | 4° <b>₹</b> 00'45                 | 1°34'22    |
| J                | -525 Jan 11 j 00:13                        | 0° <b>≈</b>                              |                | evening rise           | -525 Dec 15 j 18:25                        | 27° <b>х</b> °03′32               |            |
| asc. node        | -525 Jan 15 j 17:57                        | 7° <b>≈</b> 22'10                        |                | _                      | -525 Dec 17 j 11:57                        | ರ°0                               |            |
| evening max el   | -525 Jan 19 j 15:50                        | 12° <b>≈</b> 06′22                       | 18°07'42       | asc. node              | -524 Jan 02 j 15:00                        | 24° <b>る</b> 48'30                |            |
| retrograde       | -525 Jan 26 j 06:29                        | 15° <b>≈</b> 31'30                       |                | evening max el         | -524 Jan 03 j 04:23                        | 25° <b>る</b> 23'30                | 18°17'03   |
| evening set      | -525 Jan 29 j 00:04                        | 14° <b>≈</b> 56′18                       |                | retrograde             | -524 Jan 09 j 16:17                        | 28° <b>る</b> 53'52                |            |
| inferior conj    | -525 Feb 04 j 12:20                        |  |                | evening set            | -524 Jan 12 j 14:16                        | 28° <b>る</b> 08'48                |            |
| minimum elong    | -525 Feb 04 j 12:47                        | 9° <b>≈</b> 52'22                        | 3°51'16        | inferior conj          | -524 Jan 18 j 16:15                        | 22° <b>る</b> 45'57                |            |
| min. Earth dist. | -525 Feb 07 j 12:52                        |  | 0.61653 AU     | minimum elong          | -524 Jan 18 j 14:50                        | 22° <b>る</b> 49'53                |            |
| morning rise     | -525 Feb 11 j 00:12                        | 4° <b>≈</b> 01'44                        |                | min. Earth dist.       | -524 Jan 21 j 02:26                        |                                   | 0.63544 AU |
| direct           | -525 Feb 17 j 22:43                        | 1°≈35′20                                 |                | morning rise           | -524 Jan 24 j 14:43                        | 16° <b>ප්</b> 44'17               |            |
| desc. node       | -525 Feb 24 j 18:13                        | 3°≈38'36                                 |                | direct                 | -524 Jan 31 j 14:21                        | 13°る57'43                         |            |
| morning max el   | -525 Mar 04 j 00:54                        | 9° <b>≈</b> 25'06                        | 27°44'38       | desc. node             | -524 Feb 11 j 15:17                        | 19°る16'12                         | 25020105   |
|                  | -525 Mar 19 j 23:25                        | 0° <b>Υ</b><br>0° <b>Υ</b>               |                | morning max el         | -524 Feb 14 j 08:30                        | 21° <b>る</b> 47'47                | 27°39'05   |
| morning set      | -525 Apr 05 j 16:27<br>-525 Apr 06 j 00:12 | 0° <b>Υ</b> 39'35                        |                |                        | -524 Feb 21 j 13:28<br>-524 Mar 12 j 02:18 | 0° <b>∺</b>                       |            |
| max. Earth dist. | -525 Apr 11 j 22:33                        | 13° <b>Υ</b> 11'25                       | 1.32567 AU     | morning set            | 3  | 0 <b>X</b><br>14° <b>¥</b> 49'41  |            |
| max. Earm dist.  | -323 Apr 11 J 22.33                        | 13   11 23                               | 1.32307 AU     | max. Earth dist.       | -524 Mar 19 j 22:28<br>-524 Mar 25 j 03:48 | 25° <b>H</b> 33'18                | 1.33165 AU |
| superior conj    | -525 Apr 13 j 08:38                        | 16° <b>Ƴ</b> 16'35                       | -0°03'49       | max. Earth tist.       | -524 Mar 27 j 06:00                        | 25 χ35 18<br>0° <b>Υ</b>          | 1.55105 AU |
| minimum elong    | -525 Apr 13 j 08:49                        | 16° <b>Υ</b> 17'33                       |                |                        | 324 Mar 27 J 00.00                         | 0 1                               |            |
| behind sun begin | -525 Apr 13 j 03:50                        | 15° <b>Υ</b> 50'27                       | , <del>,</del> | superior conj          | -524 Mar 27 j 16:18                        | 0° <b>Υ</b> 55'06                 | -0°30'22   |
| behind sun end   | -525 Apr 13 j 13:48                        | 16° <b>Υ</b> 44'40                       |                | minimum elong          | -524 Mar 27 j 17:45                        | 1° <b>Υ</b> 02'51                 | 0°30'04    |
| asc. node        | -525 Apr 13 j 17:15                        | 17° <b>Υ</b> '03'32                      |                | asc. node              | -524 Mar 30 j 14:17                        | 7° <b>Υ</b> 11'53                 | •          |
|                  | -525 Apr 19 j 16:28                        | 0°8                                      |                | evening rise           | -524 Apr 03 j 19:00                        | 16° <b>Y</b> 10′25                |            |
| evening rise     | -525 Apr 20 j 07:17                        | 1° <b>8</b> 18'35                        |                | -                      | -524 Apr 10 j 17:12                        | 0°B                               |            |
|                  | -525 May 06 j 01:50                        | $\Pi^{\circ}0$                           |                | evening max el         | -524 Apr 26 j 12:37                        | 22° <b>8</b> 36'06                | 23°05'11   |
| evening max el   | -525 May 15 j 21:48                        | 12° <b>Ⅱ</b> 00'45                       | 24°39'46       | retrograde             | -524 May 09 j 22:24                        | 29° <b>8</b> 15'58                |            |
| desc. node       | -525 May 23 j 17:24                        | 17° <b>Ⅲ</b> 38′12                       |                | desc. node             | -524 May 09 j 14:26                        | 29° <b>8</b> 15'43                |            |
| retrograde       | -525 May 29 j 20:42                        | 19° <b>Ⅱ</b> 04'17                       |                | evening set            | -524 May 13 j 09:49                        | 28° <b>8</b> 49'29                |            |
| evening set      | -525 Jun 03 j 18:17                        | 18° <b>Ⅱ</b> 10′05                       |                | min. Earth dist.       | -524 May 20 j 22:09                        | 25° <b>8</b> 28'13                | 0.55645 AU |
| min. Earth dist. | -525 Jun 09 j 09:20                        |  | 0.57070 AU     | inferior conj          | -524 May 22 j 14:39                        | 24° <b>8</b> 29'19                |            |
| inferior conj    | -525 Jun 12 j 05:58                        | 13° <b>Ⅱ</b> 24′50                       |                | minimum elong          | -524 May 22 j 07:33                        | 24° <b>8</b> 39'40                | 3°21'23    |
| minimum elong    | -525 Jun 12 j 01:36                        | 13° <b>Ⅲ</b> 31'59                       | 4°23'37        | morning rise           | -524 May 31 j 07:52                        | 20° <b>8</b> 34'48                |            |
| morning rise     | -525 Jun 20 j 11:42                        | 9° <b>Ⅱ</b> 17'58                        |                | direct                 | -524 Jun 03 j 00:53                        | 20° <b>8</b> 17'16                |            |
| direct           | -525 Jun 23 j 01:45                        | 8° <b>Ⅱ</b> 59'14                        |                | morning max el         | -524 Jun 13 j 19:49                        | 25° <b>8</b> 17'10                | 20°31'42   |
| morning max el   | -525 Jul 02 j 06:25                        | 13° <b>I</b> 16'00                       | 19°21'10       | _                      | -524 Jun 18 j 02:31                        | 0°II                              |            |
| asc. node        | -525 Jul 10 j 16:30                        | 24° <b>∏</b> 20'15                       |                | asc. node              | -524 Jun 26 j 13:33                        | 13° <b>Ⅱ</b> 18'27                |            |
|                  | -525 Jul 13 j 22:10                        | 0ං <b>ව</b>                              |                | morning set            | -524 Jul 02 j 16:04                        | 25° <b>Ⅱ</b> 15'27                |            |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -524 Jul 04 j 23:24 0ಂತಾ superior conj -523 Jun 24 j 08:05 25°**Ⅲ**26′21 1°33'01 -523 Jun 24 j 05:46 25°**Ⅱ**14'14 1°32'48 minimum elong -524 Jul 10 j 06:56 10°956'06 1°43'28 -523 Jun 26 j 12:37 0ಂತಾ superior conj 2°532'01 -524 Jul 10 j 05:26 -523 Jun 27 j 18:13 10°9548'33 1°43'24 max. Earth dist. 1.34638 AU minimum elong 11°5546'25 -524 Jul 15 j 03:16 -523 Jul 02 j 09:40 max. Earth dist. 20°935'00 1.36141 AU evening rise -523 Jul 12 j 11:47 -524 Jul 19 j 04:27 evening rise 28°916'09 0° $\Omega$ -524 Jul 20 j 03:00 0° $\Omega$ desc. node -523 Jul 23 j 10:47 16°**Ω**56'57 desc. node 0°Щ -524 Aug 05 j 13:46 27°**Ω**11'29 -523 Aug 02 j 17:36 -524 Aug 07 j 11:54 0° m evening max el -523 Aug 06 j 09:38 3° Mp 48'22 26°59'17 evening max el -524 Aug 23 j 21:54 20° Mp 18'01 26°09'39 retrograde -523 Aug 19 j 14:29 11° Mp 06'58 retrograde -524 Sep 05 j 12:03 27° m 26'47 evening set -523 Aug 26 j 10:45 8°m/20'55 -524 Sep 11 j 20:16 evening set  $24^{\circ}$  Mp 47'22min. Earth dist. -523 Aug 30 j 08:03 4° Mp 28'42 0.65393 AU -524 Sep 16 j 00:47 min. Earth dist.  $20^{\circ}$  My 17'560.66465 AU inferior conj -523 Sep 01 j 06:34 2° m 14'45 -2°36'57 inferior conj -524 Sep 17 j 10:46 18° m/32'24 -1°42'32 minimum elong -523 Sep 01 j 10:24 2° m 03'42 2°35'36 minimum elong -524 Sep 17 j 13:20 18° Mp 24'23 1°41'30 -523 Sep 03 j 06:52 30°R€ asc. node -524 Sep 22 j 12:45  $13^{\circ}$  Mp 11'14morning rise -523 Sep 07 j 10:41 26°**Ω**36'57 morning rise -524 Sep 23 j 06:44 12°M/41'34 asc. node -523 Sep 09 j 09:47 25°**Ω**57'40 direct -524 Sep 26 j 09:45 11°Mp45'38 direct -523 Sep 10 j 06:14 25°**Ω**53'41 morning max el -524 Oct 03 j 06:39 15° Mp 36'09 18°54'26 morning max el -523 Sep 16 j 19:49 29°**Ω**28'00 18°17'00 -524 Oct 13 j 23:54 0∘**ত** -523 Sep 17 j 08:10 0° m morning set -524 Oct 25 j 01:01 17°**£**17'20 morning set -523 Oct 05 j 17:16 27° m 43'20 desc. node -524 Nov 01 j 13:07 29°**2**06'19 -523 Oct 07 i 02:38 0∘**⊽** -524 Nov 02 i 02:47 0°M desc. node -523 Oct 19 j 10:08 19°**♀**50'24 max. Earth dist. -524 Nov 09 j 06:48 11°M15'52 1.44909 AU superior conj -523 Oct 20 j 11:59 21° **△**32'51 -0°07'04 -524 Nov 10 j 10:41 13°ML05'40 -0°56'00 -523 Oct 20 j 11:05 0°06'57 minimum elong 21°**₽**29'13 superior coni -524 Nov 10 j 03:48 0°55'10 -523 Oct 20 j 00:58 20°**£**49′10 12°M38'35 behind sun begin minimum elong -524 Nov 21 j 02:07 0°×7 -523 Oct 20 j 21:12 22°**2**09'14 behind sun end -524 Nov 25 j 20:33 7°**∡**¹41'09 -523 Oct 23 j 01:12 25°**-**234'24 1.44926 AU max Earth dist evening rise -524 Dec 09 j 20:58 -523 Oct 25 j 20:48 0°궁 0°M -524 Dec 16 j 15:47 -523 Nov 05 j 23:00 17°M20'39 evening max el 8°**る**47'19 18°44'41 evening rise -523 Nov 14 j 02:03 -524 Dec 19 j 12:01 11°**る**13'16 0°×7 asc. node -524 Dec 23 j 09:07 12°**る**33'45 greatest brilliancy -523 Nov 17 j 12:30 5°**х** 16′55 retrograde -0.7m-524 Dec 26 j 12:25 11°**る**37'43 -523 Nov 29 j 23:50 22°**҂**14′20 evening set evening max el 19°29'13 -523 Jan 01 j 06:56 -523 Dec 06 j 09:03 inferior conj 5°る57'13 3°27'17 asc. node 26°**х** 21′32 -523 Jan 01 j 04:26 -523 Dec 07 j 05:35 minimum elong 6°る04'49 3°26'49 retrograde 26°**₹**'25'38 -523 Jan 03 j 01:51 -523 Dec 10 j 15:49 min. Earth dist. 3°る46'54 0.65097 AU evening set 25°**х** 16′58 morning rise -523 Jan 06 j 20:06 29°**∡**¹49'12 inferior conj -523 Dec 16 j 05:12 19°**₹**21'39 2°55'51 -523 Jan 06 j 15:10 30°₽**⋌**7 minimum elong -523 Dec 16 j 02:21 19°**х** 30′53 2°55′04 direct -523 Jan 13 j 12:56 26°**₹**57'06 min. Earth dist. -523 Dec 17 j 09:52 17°**∡**48'33 0.66275 AU -523 Jan 21 j 09:05 0°ರ morning rise -523 Dec 21 j 12:38 13°**₹**09'48 morning max el -523 Jan 26 j 18:15 4°る39'13 27°00'09 -523 Dec 27 j 17:41 10°**₹**25'01 direct -523 Jan 28 j 12:20 6°る28'27 -522 Jan 09 j 03:33 17°**∡**¹46′02 25°55′12 desc. node morning max el -523 Feb 15 j 02:06 -522 Jan 15 j 09:22 24°**х** 47'38 0°≈ desc. node -523 Mar 03 j 10:58 28°≈26'41 -522 Jan 19 j 10:46 0°₹ morning set -523 Mar 04 j 06:16 0°**)**€ -522 Feb 08 i 01:23 0°≈ max. Earth dist. -523 Mar 07 j 23:22 7°**升**22'18 1.34188 AU morning set -522 Feb 14 i 09:26 11°≈16'45 max. Earth dist. -522 Feb 18 j 06:50 18°**≈**36'55 1.35669 AU superior conj -523 Mar 11 i 19:01 15°**)** 14'20 -0°56'46 -523 Mar 11 i 21:41 15°**¥**28'18 0°56'17 -522 Feb 23 j 14:15 29°≈05'59 -1°21'32 minimum elong superior conj -523 Mar 17 j 11:20 27°¥13'14 -522 Feb 23 j 17:49 29°≈24'00 1°21'00 asc node minimum elong -523 Mar 18 j 19:06  $0^{\circ}\Upsilon$ -522 Feb 24 j 00:56 0°**₩** -523 Mar 19 j 05:11 0°Y52'37 -522 Mar 03 j 11:50 15°**₩** 17'50 evening rise evening rise -523 Apr 05 j 05:59 0°8 asc. node -522 Mar 04 j 08:22 17°**₩**02'18  $0^{\circ}\Upsilon$ evening max el -523 Apr 08 j 08:46 3°**8**21'26 21°33'09 -522 Mar 11 j 02:25 -522 Mar 21 j 15:13 -523 Apr 20 j 14:07 9°818'21 evening max el 14°**Υ**38'06 20°14'03 retrograde 19°**Ƴ**41'30 evening set -523 Apr 23 j 01:06 9°804'39 -522 Apr 01 j 04:21 retrograde -523 Apr 26 j 11:28 8°803'52 -522 Apr 03 j 07:27 19°**Ƴ**30′01 desc. node evening set -523 May 02 j 10:40 5°**8**02'59 -1°41'01 -522 Apr 12 j 07:10 15°**Y**31'40 0°18'01 inferior conj inferior conj -522 Apr 12 j 07:59 15°**Y**30′27 0°17'44 minimum elong -523 May 02 j 06:00 5°**8**09'32 1°39'25 minimum elong 5°**8**02'12 0.55018 AU 14°**Y**54'00 min. Earth dist. -523 May 02 j 11:13 desc. node -522 Apr 13 j 08:31 -523 May 11 j 11:35 1°804'04 min. Earth dist. -522 Apr 14 j 01:11 14°**Y**29'23 0.55349 AU morning rise direct -523 May 14 j 12:11 0°**8**44'02 morning rise -522 Apr 21 j 06:43 11°**Y**09'46 morning max el -523 May 26 j 22:24 6°**8**36'42 22°00'09 direct -522 Apr 25 j 01:28 10°**Y**38'32 -523 Jun 12 j 00:45  $\Pi$ °0 morning max el -522 May 08 j 16:20 17°**Y**20'40 23°39'37 -523 Jun 13 j 10:35 2°II44'18 -522 May 18 j 21:57 0°8 asc. node -523 Jun 17 j 01:35 10°**Ⅱ**06′00 -522 May 31 j 07:37 22°829'40 morning set asc. node

|                                | ,  |  | •                 | //                           | AG 18-Feb-2025 14                                | , ,                                      | ge 203     |
|--------------------------------|--|--|-------------------|------------------------------|--|--|------------|
| morning set                    | -522 Jun 01 j 13:07                        | 25° <b>8</b> 03'25                       | astronomicai coui | nting style is the year      | 901 BCE in historical cou<br>-521 May 12 j 02:20 | o° <b>∀</b>                              |            |
| morning set                    | -522 Jun 03 j 20:59                        | 0° <b>Ⅱ</b>                              |                   | morning set                  | -521 May 17 j 01:04                              | 10° <b>8</b> 02'25                       |            |
|                                | 522 van 65 j 26.69                         | ~ ~                                      |                   | asc. node                    | -521 May 18 j 04:41                              | 12° <b>8</b> 28'44                       |            |
| superior conj                  | -522 Jun 08 j 14:50                        | 10° <b>Ⅱ</b> 13′26                       | 1°17'35           |                              | , ,  |  |            |
| minimum elong                  | -522 Jun 08 j 12:19                        | 9° <b>Ⅱ</b> 59'55                        | 1°17'14           | superior conj                | -521 May 24 j 00:59                              | 25° <b>8</b> 10'01                       | 0°58'14    |
| max. Earth dist.               | -522 Jun 10 j 18:46                        | 14° <b>Ⅱ</b> 50′57                       | 1.33522 AU        | minimum elong                | -521 May 23 j 22:46                              | 24° <b>8</b> 57'54                       | 0°57'49    |
| evening rise                   | -522 Jun 16 j 02:50                        | 25° <b>Ⅱ</b> 52'42                       |                   | max. Earth dist.             | -521 May 25 j 02:59                              |  | 1.32788 AU |
|                                | -522 Jun 18 j 04:55                        | 0ංම                                      |                   |                              | -521 May 26 j 06:21                              | $\Pi$ °0                                 |            |
|                                | -522 Jul 05 j 21:25                        | $0$ $\circ$ $\Omega$                     |                   | evening rise                 | -521 May 31 j 04:23                              | 10° <b>Ⅱ</b> 23'56                       |            |
| desc. node                     | -522 Jul 10 j 07:49                        | 6° <b>Ω</b> 07'07                        | 25020155          |                              | -521 Jun 10 j 11:50                              | 0°95                                     |            |
| evening max el                 | -522 Jul 19 j 20:48                        | 17° <b>Ω</b> 02'29<br>24° <b>Ω</b> 22'46 | 27°23'55          | desc. node                   | -521 Jun 27 j 04:50                              | 24°\$27'12<br>29°\$47'03                 | 27°17'48   |
| retrograde<br>evening set      | -522 Aug 02 j 11:09<br>-522 Aug 09 j 14:51 | 24 <b>δι</b> 22 46<br>21° <b>Ω</b> 40'41 |                   | evening max el               | -521 Jul 02 j 05:04<br>-521 Jul 02 j 10:33       | 29 <b>3</b> 4703<br>0° <b>Ω</b>          | 2/ 1/46    |
| min. Earth dist.               | -522 Aug 13 j 06:34                        | 18° <b>Ω</b> 23'00                       | 0.63953 AU        | retrograde                   | -521 Jul 16 j 01:07                              | 7° <b>Ω</b> 05'00                        |            |
| inferior conj                  | -522 Aug 15 j 18:16                        | 15° <b>Ω</b> 47'01                       |                   | evening set                  | -521 Jul 23 j 04:47                              | 4° <b>Ω</b> 40'03                        |            |
| minimum elong                  | -522 Aug 15 j 22:52                        | 15° <b>Ω</b> 34'58                       |                   | min. Earth dist.             | -521 Jul 26 j 18:54                              | 1° <b>Ω</b> 49'09                        | 0.62180 AU |
| morning rise                   | -522 Aug 22 j 07:49                        | 10° <b>Ω</b> 25′21                       |                   |                              | -521 Jul 28 j 18:10                              | 30° <b>₹</b> 5                           |            |
| direct                         | -522 Aug 24 j 22:24                        | 9° <b>Ω</b> 51'18                        |                   | inferior conj                | -521 Jul 29 j 18:52                              | 29° <b>©</b> 01'59                       | -4°09'31   |
| asc. node                      | -522 Aug 27 j 06:49                        | 10° <b>Ω</b> 19'16                       |                   | minimum elong                | -521 Jul 29 j 23:10                              | 28° <b>©</b> 51'56                       | 4°08'42    |
| morning max el                 | -522 Aug 31 j 11:18                        | 13° <b>Ω</b> 17'40                       | 17°56'53          | morning rise                 | -521 Aug 05 j 18:55                              | 23° <b>©</b> 59'49                       |            |
|                                | -522 Sep 11 j 23:58                        | 0° <b>m</b> ∕                            |                   | direct                       | -521 Aug 08 j 07:03                              | 23° <b>©</b> 32'10                       |            |
| morning set                    | -522 Sep 17 j 12:28                        | 9° <b>m</b> 27′23                        |                   | asc. node                    | -521 Aug 14 j 03:53                              | 26° <b>©</b> 07'07                       |            |
|                                | -522 Sep 29 j 17:15                        | 0∘ <b>⊽</b>                              |                   | morning max el               | -521 Aug 15 j 02:15                              | 26° <b>©</b> 58'37                       | 17°54'58   |
| aumorior aoni                  | 522 San 20 : 06:01                         | 0° <b>ჲ</b> 52'11                        | 0°39'14           | morning set                  | -521 Aug 17 j 18:12                              | 0° <b>Ω</b><br>22° <b>Ω</b> 11'50        |            |
| superior conj<br>minimum elong | -522 Sep 30 j 06:01<br>-522 Sep 30 j 10:05 | 0 <b>=</b> 32 11<br>1° <b>⊆</b> 08'49    | 0°38'41           | morning set                  | -521 Aug 31 j 04:45<br>-521 Sep 04 j 13:00       | 0° m                                     |            |
| max. Earth dist.               | -522 Oct 05 j 18:33                        | 9° <b>£</b> 46'55                        | 1.44223 AU        |                              | -321 3cp 04 j 13.00                              | עוו ט                                    |            |
| desc. node                     | -522 Oct 06 j 07:10                        | 10° <b>£</b> 37'10                       | 1223110           | superior conj                | -521 Sep 11 j 02:58                              | 11° <b>m</b> )31'08                      | 1°14'19    |
| evening rise                   | -522 Oct 16 j 08:28                        | 26° <b>£</b> 20'51                       |                   | minimum elong                | -521 Sep 11 j 07:59                              | 11° m 52'36                              | 1°13'46    |
| _                              | -522 Oct 18 j 17:31                        | 0°M₊                                     |                   | max. Earth dist.             | -521 Sep 18 j 08:13                              | 23° <b>m</b> 36'01                       | 1.42896 AU |
|                                | -522 Nov 08 j 06:21                        | 0° <b>∡</b> ¹                            |                   |                              | -521 Sep 22 j 07:21                              | 0∘ <b>ত</b>                              |            |
| evening max el                 | -522 Nov 13 j 02:58                        | 5° <b>∡</b> ¹42'58                       | 20°28'33          | desc. node                   | -521 Sep 23 j 04:11                              | 1° <b>≏</b> 22'56                        |            |
| retrograde                     | -522 Nov 21 j 03:10                        | 10° <b>∡</b> ¹26'17                      |                   | evening rise                 | -521 Sep 25 j 16:52                              | 5° <b>Ω</b> 22'06                        |            |
| asc. node                      | -522 Nov 23 j 06:05                        | 10° <b>∡</b> 00'36                       |                   |                              | -521 Oct 12 j 02:29                              | 0°M                                      | 21020140   |
| evening set                    | -522 Nov 24 j 22:21                        | 9° <b>х</b> 02'54<br>2° <b>х</b> 55'47   | 2015/50           | evening max el               | -521 Oct 27 j 00:16                              | 19°M11'25<br>24°M31'51                   | 21°39'40   |
| inferior conj<br>minimum elong | -522 Nov 30 j 08:28<br>-522 Nov 30 j 05:51 | 3° <b>₹</b> '04'38                       | 2°15'05           | retrograde<br>evening set    | -521 Nov 04 j 23:53<br>-521 Nov 09 j 06:07       | 24°11631'31<br>22°11651'44               |            |
| min. Earth dist.               | -522 Dec 01 j 00:24                        | 2° <b>×</b> 701'49                       | 0.67075 AU        | asc. node                    | -521 Nov 10 j 03:08                              | 22°M05'57                                |            |
| mm. Earth dist.                | -522 Dec 02 j 13:21                        | 30°RM                                    | 0.07073710        | inferior conj                | -521 Nov 14 j 14:34                              | 16°M36'05                                | 1°29'48    |
| morning rise                   | -522 Dec 05 j 13:10                        | 26°M42'17                                |                   | minimum elong                | -521 Nov 14 j 12:39                              | 16°M42'45                                | 1°29'03    |
| direct                         | -522 Dec 11 j 03:46                        | 24°M14'01                                |                   | min. Earth dist.             | -521 Nov 14 j 19:06                              | 16°M20'26                                | 0.67520 AU |
|                                | -522 Dec 21 j 11:37                        | 0° <b>∡</b> ¹                            |                   | morning rise                 | -521 Nov 19 j 19:02                              | 10°M23'03                                |            |
| morning max el                 | -522 Dec 22 j 11:53                        | 0° <b>∡</b> 759'40                       | 24°33'57          | direct                       | -521 Nov 24 j 18:20                              | 8°M16'15                                 |            |
| desc. node                     | -521 Jan 02 j 06:24                        | 13° <b>∡</b> ′54'31                      |                   | morning max el               | -521 Dec 04 j 21:15                              | 14°M17'14                                | 23°06'24   |
|                                | -521 Jan 13 j 10:35                        | 0° <b>ろ</b>                              |                   |                              | -521 Dec 17 j 14:21                              | 0° <b>∡</b> 7                            |            |
| morning set                    | -521 Jan 27 j 12:20                        | 23°る04'39                                | 1 27550 111       | desc. node                   | -521 Dec 20 j 03:28                              | 3° <b>₹</b> 34'42                        |            |
| max. Earth dist.               | -521 Jan 31 j 04:35<br>-521 Jan 31 j 09:10 | 29° <b>る</b> 39'07<br>0°≈                | 1.37558 AU        | morning set                  | -520 Jan 06 j 09:37<br>-520 Jan 08 j 13:21       | 0°중<br>3° <b>중</b> 33'33                 |            |
|                                | -321 Jan 31 J 09.10                        | 0 ~                                      |                   | max. Earth dist.             | -520 Jan 13 j 00:00                              | 11° <b>る</b> 06'00                       | 1.39666 AU |
| superior conj                  | -521 Feb 06 j 22:51                        | 12° <b>≈</b> 21'43                       | -1°42'33          | man. Laitii tiist.           | 520 Juli 15 j 00.00                              | 11 00000                                 | 1.57000 AU |
| minimum elong                  | -521 Feb 07 j 02:32                        | 12°≈39'37                                |                   | superior conj                | -520 Jan 20 j 16:29                              | 24° <b>පි</b> 49'36                      | -1°56'57   |
| evening rise                   | -521 Feb 15 j 12:44                        | 29° <b>≈</b> 20'05                       |                   | minimum elong                | -520 Jan 20 j 18:54                              | 25° <b>る</b> 00'43                       | 1°56'51    |
|                                | -521 Feb 15 j 20:47                        | 0° <b>∀</b>                              |                   |                              | -520 Jan 23 j 11:11                              | 0° <b>≈</b>                              |            |
| asc. node                      | -521 Feb 19 j 05:25                        | 6° <b>)</b> 34′07                        |                   | evening rise                 | -520 Jan 30 j 05:02                              | 12° <b>≈</b> 51'39                       |            |
| evening max el                 | -521 Mar 04 j 08:47                        | 26° <b>∺</b> 32'46                       | 19°13'01          | asc. node                    | -520 Feb 06 j 02:28                              | 25° <b>≈</b> 42'04                       |            |
|                                | -521 Mar 09 j 08:17                        | 0° <b>Υ</b>                              |                   |                              | -520 Feb 08 j 15:29                              | 0° <b>∀</b>                              |            |
| retrograde                     | -521 Mar 13 j 06:05                        | 0° <b>Υ</b> 48'53                        |                   | evening max el               | -520 Feb 15 j 11:22                              | 9° <b>)</b> (00'34                       | 18°31'54   |
| evening set                    | -521 Mar 15 j 11:42                        | 0° <b>Ƴ</b> 33'54<br>30° <b>Ŗ</b> ₩      |                   | retrograde                   | -520 Feb 23 j 02:35<br>-520 Feb 25 j 13:04       | 12° <b>)</b> 44'50<br>12° <b>)</b> 23'14 |            |
| inferior conj                  | -521 Mar 17 j 08:33<br>-521 Mar 23 j 17:31 | 30°Kπ<br>26°₩23'36                       | 2°00'46           | evening set<br>inferior conj | -520 Feb 25 j 13:04<br>-520 Mar 04 j 00:21       | 7° <b>H</b> 53'29                        | 3°09'24    |
| minimum elong                  | -521 Mar 23 j 21:42                        | 26° <del>X</del> 16'32                   | 1°59'31           | minimum elong                | -520 Mar 04 j 00:21                              | 7° <b>)</b> 45'44                        | 3°08'37    |
| min. Earth dist.               | -521 Mar 26 j 16:19                        | 24° <b>H</b> 24'54                       | 0.56564 AU        | min. Earth dist.             | -520 Mar 07 j 10:19                              | 5° <b>)</b> 13'11                        | 0.58382 AU |
| desc. node                     | -521 Mar 31 j 05:33                        | 21° <b>)</b> 53'03                       |                   | morning rise                 | -520 Mar 11 j 16:52                              | 2° <b>)</b> (30′06                       |            |
| morning rise                   | -521 Apr 01 j 04:50                        | 21° <b>∺</b> 29'38                       |                   | desc. node                   | -520 Mar 17 j 02:37                              | 1° <b>)</b> €00'08                       |            |
| direct                         | -521 Apr 06 j 02:12                        | 20° <b>∺</b> 34'15                       |                   | direct                       | -520 Mar 17 j 16:05                              | 0° <b>¥</b> 59′20                        |            |
| morning max el                 | -521 Apr 20 j 06:54                        | 27° <b>¥</b> 50′39                       | 25°17'50          | morning max el               | -520 Apr 01 j 00:13                              | 8° <b>)</b> ₹35'39                       | 26°39'29   |
|                                | -521 Apr 22 j 09:45                        | $0$ ° $\mathbf{\Upsilon}$                |                   |                              | -520 Apr 17 j 04:28                              | $0$ ° $\Upsilon$                         |            |
|                                |  |  |                   |                              |  |  |            |

| •                | •                   |                     | •          | , , , , , , , , , , , , , , , , , , , | 001 BCE in historical cou | , ,                 | 50 204              |
|------------------|---------------------|---------------------|------------|---------------------------------------|---------------------------|---------------------|---------------------|
| morning set      | -520 Apr 30 j 11:47 | 24° <b>Y</b> 57'10  |            | morning set                           | -519 Apr 14 j 19:23       | 9° <b>Ƴ</b> 40'43   |                     |
| C                | -520 May 02 j 20:49 | 0° <b>႘</b>         |            | asc. node                             | -519 Apr 20 j 22:49       | 22° <b>Ƴ</b> 47'35  |                     |
| asc. node        | -520 May 04 j 01:46 | 2° <b>8</b> 36'22   |            | max. Earth dist.                      | -519 Apr 21 j 04:00       |                     | 1.32399 AU          |
|                  | , ,                 |                     |            |                                       | 1 ,                       |                     |                     |
| superior conj    | -520 May 07 j 12:39 | 10° <b>8</b> 09'41  | 0°35'49    | superior conj                         | -519 Apr 22 j 00:07       | 25° <b>Ƴ</b> 05'57  | 0°11'09             |
| minimum elong    | -520 May 07 j 11:08 | 10° <b>8</b> 01'22  | 0°35'30    | minimum elong                         | -519 Apr 21 j 23:36       | 25° <b>Ƴ</b> 03'12  | 0°11'02             |
| max. Earth dist. | -520 May 07 j 15:23 | 10° <b>8</b> 24'42  | 1.32412 AU | behind sun begin                      | -519 Apr 21 j 19:58       | 24° <b>Ƴ</b> 43'18  |                     |
| evening rise     | -520 May 14 j 11:30 | 25° <b>8</b> 10'48  |            | behind sun end                        | -519 Apr 22 j 03:14       | 25° <b>Y</b> 23'06  |                     |
|                  | -520 May 16 j 19:39 | $\Pi$ $^{\circ}0$   |            |                                       | -519 Apr 24 j 05:47       | $0^{\circ}S$        |                     |
|                  | -520 Jun 03 j 07:18 | $0$ $\circ$ $\odot$ |            | evening rise                          | -519 Apr 28 j 21:54       | 10° <b>8</b> 04'52  |                     |
| desc. node       | -520 Jun 13 j 01:51 | 11° <b>©</b> 36'23  |            |                                       | -519 May 09 j 04:26       | $\Pi$ $^{\circ}0$   |                     |
| evening max el   | -520 Jun 13 j 07:45 | 11° <b>©</b> 50'32  | 26°38'38   | evening max el                        | -519 May 26 j 03:27       | 23° <b>Ⅱ</b> 08'14  | 25°29'29            |
| retrograde       | -520 Jun 27 j 07:29 | 19° <b>©</b> 05'54  |            | desc. node                            | -519 May 30 j 22:54       | 27° <b>Ⅱ</b> 04'51  |                     |
| evening set      | -520 Jul 04 j 00:08 | 17° <b>©</b> 11'08  |            |                                       | -519 Jun 06 j 08:20       | $0$ $\circ$ $\odot$ |                     |
| min. Earth dist. | -520 Jul 07 j 21:05 | 14° <b>©</b> 33'03  | 0.60171 AU | retrograde                            | -519 Jun 09 j 04:36       | 0°ഇ19'15            |                     |
| inferior conj    | -520 Jul 11 j 04:54 | 11° <b>©</b> 51'10  | -4°36'48   |                                       | -519 Jun 12 j 00:40       | 30° <b>₹Ⅱ</b>       |                     |
| minimum elong    | -520 Jul 11 j 07:12 | 11° <b>©</b> 46'29  | 4°36'36    | evening set                           | -519 Jun 14 j 21:01       | 29° <b>Ⅲ</b> 03'11  |                     |
| morning rise     | -520 Jul 18 j 16:11 | 7° <b>©</b> 11'11   |            | min. Earth dist.                      | -519 Jun 19 j 15:28       | 26° <b>Ⅱ</b> 19'39  | 0.58131 AU          |
| direct           | -520 Jul 21 j 03:59 | 6° <b>5</b> 47'59   |            | inferior conj                         | -519 Jun 22 j 20:44       | 24° <b>Ⅲ</b> 03'48  | -4°39'06            |
| morning max el   | -520 Jul 28 j 13:48 | 10° <b>©</b> 24'05  | 18°12'19   | minimum elong                         | -519 Jun 22 j 19:02       | 24° <b>Ⅱ</b> 06'49  | 4°39'01             |
| asc. node        | -520 Jul 31 j 00:59 | 13° <b>5</b> 06'44  |            | morning rise                          | -519 Jun 30 j 19:43       | 19° <b>Ⅱ</b> 46'11  |                     |
|                  | -520 Aug 10 j 11:31 | $0^{\circ}\Omega$   |            | direct                                | -519 Jul 03 j 08:32       | 19° <b>Ⅲ</b> 26′15  |                     |
| morning set      | -520 Aug 13 j 12:29 | 5° <b>Ω</b> 41'28   |            | morning max el                        | -519 Jul 11 j 18:49       | 23° <b>Ⅲ</b> 24′08  | 18°50'00            |
| _                |                     |                     |            | -                                     | -519 Jul 17 j 05:23       | 0ංම                 |                     |
| superior conj    | -520 Aug 23 j 01:51 | 23° <b>Ω</b> 27'38  | 1°36'08    | asc. node                             | -519 Jul 17 j 22:02       | 1° <b>5</b> 02'10   |                     |
| minimum elong    | -520 Aug 23 j 05:15 | 23° <b>Ω</b> 42'57  | 1°35'53    | morning set                           | -519 Jul 28 j 07:11       | 19°543'40           |                     |
| · ·              | -520 Aug 26 j 18:01 | 0° <b>m</b> )       |            | C                                     | -519 Aug 02 j 13:02       | $0^{\circ}\Omega$   |                     |
| max. Earth dist. | -520 Aug 30 j 16:26 | 6° Mp 46'57         | 1.41114 AU |                                       | 0 1                       |                     |                     |
| evening rise     | -520 Sep 04 j 17:29 | 15° <b>m</b> 09'43  |            | superior conj                         | -519 Aug 05 j 21:06       | 6° <b>Ω</b> 25'15   | 1°46'09             |
| desc. node       | -520 Sep 09 j 01:12 | 22° m 04'42         |            | minimum elong                         | -519 Aug 05 j 22:16       | 6° <b>Ω</b> 30'46   | 1°46'07             |
|                  | -520 Sep 14 j 04:16 | 0∘ <u>v</u>         |            | max. Earth dist.                      | -519 Aug 12 j 19:44       | 19° <b>Ω</b> 12'31  | 1.39117 AU          |
|                  | -520 Oct 06 j 03:55 | 0°M                 |            | evening rise                          | -519 Aug 16 j 18:39       | 26° <b>Ω</b> 06'38  |                     |
| evening max el   | -520 Oct 08 j 16:12 | 2°M40'53            | 22°58'07   | Z .                                   | -519 Aug 19 j 01:51       | 0° m/p              |                     |
| retrograde       | -520 Oct 18 j 18:16 | 8°M39'57            |            | desc. node                            | -519 Aug 26 j 22:13       | 12° mp 38'04        |                     |
| evening set      | -520 Oct 23 j 13:23 | 6° <b>™</b> 41'47   |            |                                       | -519 Sep 07 j 19:28       | 0∘ <u>⊽</u>         |                     |
| asc. node        | -520 Oct 27 j 00:12 | 2°M55'07            |            | evening max el                        | -519 Sep 21 j 04:37       | 16° <b>£</b> 13′00  | 24°18'09            |
| inferior conj    | -520 Oct 28 j 21:40 | 0°M21'10            | 0°39'01    | retrograde                            | -519 Oct 02 j 09:09       | 22° <b>£</b> 46'46  |                     |
| minimum elong    | -520 Oct 28 j 20:46 | 0° <b>ጤ</b> 24'17   |            | evening set                           | -519 Oct 07 j 18:27       | 20° <b>♀</b> 30'39  |                     |
| min. Earth dist. | -520 Oct 28 j 15:39 | 0° <b>M</b> 41'55   | 0.67637 AU | min. Earth dist.                      | -519 Oct 12 j 11:37       | 15° <b>♀</b> 04'04  | 0.67436 AU          |
|                  | -520 Oct 29 j 03:49 | 30° <b>₽</b> Ω      |            | inferior conj                         | -519 Oct 13 j 03:59       | 14° <b>£</b> 09'00  |                     |
| morning rise     | -520 Nov 03 j 04:04 | 24° <b>Ω</b> 10'46  |            | minimum elong                         | -519 Oct 13 j 04:21       | 14° <b>≏</b> 07'47  | 0°14'46             |
| direct           | -520 Nov 07 j 12:39 | 22° <b>≏</b> 26'38  |            | transit middle                        | -519 Oct 13 j 04:21       | 14° <b>≏</b> 07'47  | 0°14'46             |
| morning max el   | -520 Nov 16 j 11:07 |                     | 21°41'25   | transit begin                         | -519 Oct 13 j 03:12       | 14° <b>£</b> 11'40  |                     |
| 5 5              | -520 Nov 18 j 14:35 | 0°M                 |            | transit end                           | -519 Oct 13 j 05:30       | 14° <b>£</b> 03'54  |                     |
| desc. node       | -520 Dec 06 j 00:30 | 23°M38'52           |            | asc. node                             | -519 Oct 13 j 21:15       | 13° <b>≏</b> 11'10  |                     |
|                  | -520 Dec 10 j 05:57 | 0° <b>∡</b> ¹       |            | morning rise                          | -519 Oct 18 j 14:15       | 8° <b>£</b> 03'45   |                     |
| morning set      | -520 Dec 18 j 09:15 | 12° <b>₹</b> 39'10  |            | direct                                | -519 Oct 22 j 09:41       | 6° <b>£</b> 40'44   |                     |
| max. Earth dist. | -520 Dec 25 j 00:01 | 23° <b>∡</b> ¹23'21 | 1.41711 AU | morning max el                        | -519 Oct 30 j 07:57       | 11° <b>≙</b> 16′10  | 20°25'39            |
|                  | -520 Dec 28 j 22:28 | 5°0                 |            |                                       | -519 Nov 13 j 13:53       | 0° <b>M</b>         |                     |
|                  | ý                   |                     |            | desc. node                            | -519 Nov 22 j 21:32       | 14°ML00'04          |                     |
| superior conj    | -519 Jan 01 j 13:53 | 6° <b>る</b> 16'47   | -2°00'50   | morning set                           | -519 Nov 27 j 08:12       | 20°M50'34           |                     |
| minimum elong    | -519 Jan 01 j 13:01 | 6° <b>る</b> 12'57   |            | 3                                     | -519 Dec 03 j 04:36       | 0° <b>∡</b> ¹       |                     |
| evening rise     | -519 Jan 12 j 09:18 | 25° <b>る</b> 44'52  |            | max. Earth dist.                      | -519 Dec 07 j 07:08       | 6° <b>∡</b> ³32'56  | 1.43413 AU          |
| <i>8</i>         | -519 Jan 14 j 16:57 | 0° <b>≈</b>         |            |                                       | <b>,</b>                  |                     |                     |
| asc. node        | -519 Jan 22 j 23:31 | 14° <b>≈</b> 18'39  |            | superior conj                         | -519 Dec 13 j 09:55       | 16° <b>∡</b> ³31'53 | -1°49'42            |
| evening max el   | -519 Jan 28 j 20:11 | 21° <b>≈</b> 53'54  | 18°10'52   | minimum elong                         | -519 Dec 13 j 04:19       | 16° <b>∡</b> ¹08'43 |                     |
| retrograde       | -519 Feb 04 j 16:52 | 25° <b>≈</b> 22'11  |            |                                       | -519 Dec 21 j 09:01       | ರ°0                 |                     |
| evening set      | -519 Feb 07 j 07:52 | 24° <b>≈</b> 52'22  |            | evening rise                          | -519 Dec 25 j 21:24       | 7° <b>る</b> 51'09   |                     |
| inferior conj    | -519 Feb 14 j 03:31 | 20°≈01'33           | 3°44'00    |                                       | -518 Jan 08 j 04:40       | 0°≈                 |                     |
| minimum elong    | -519 Feb 14 j 05:18 | 19° <b>≈</b> 57'28  | 3°43'51    | asc. node                             | -518 Jan 09 j 20:33       | 2°≈14'10            |                     |
| min. Earth dist. | -519 Feb 17 j 10:11 | 17°≈02'40           | 0.60458 AU | evening max el                        | -518 Jan 12 j 08:12       | 5°≈04'38            | 18°09'26            |
| morning rise     | -519 Feb 21 i 00:55 | 14°≈17'28           |            | retrograde                            | -518 Jan 18 j 20:47       | 8° <b>≈</b> 30'47   | - 22 <del>- 3</del> |
| direct           | -519 Feb 27 j 17:53 | 12° <b>≈</b> 09'10  |            | evening set                           | -518 Jan 21 j 16:03       | 7°≈51'40            |                     |
| desc. node       | -519 Mar 03 j 23:40 | 12°≈56'52           |            | inferior conj                         | -518 Jan 27 j 23:35       | 2°≈40'21            | 3°51'52             |
| morning max el   | -519 Mar 13 j 23:39 | 19° <b>≈</b> 56'37  | 27°31'17   | minimum elong                         | -518 Jan 27 j 23:09       | 2°≈41'28            | 3°51'51             |
| <i>5</i>         | -519 Mar 22 j 14:28 | 0° <b>∀</b>         | •          |                                       | -518 Jan 30 j 13:17       | 30°R₹               | -                   |
|                  | -519 Apr 09 j 23:09 | 0°Υ                 |            | min. Earth dist.                      | -518 Jan 30 j 18:28       |                     | 0.62483 AU          |
|                  | 1 3                 |                     |            |                                       | J "                       |                     | -                   |

| •                | omena or Mercury    |   |                  | * | 901 BCE in historical co |                             | ge 203       |
|------------------|---------------------|---|------------------|---|--------------------------|-----------------------------|--------------|
| morning rise     | -518 Feb 03 j 05:12 | 11e year -900 iii<br>26° <b>ठ</b> 43'37 | astronomicai cot | minimum elong                           | -517 Jan 11 j 06:29      | 15° <b>₹</b> 46'36          | 3040108      |
|                  |                     |   |                  | =                                       | -                        | 13°る11'33                   |              |
| direct           | -518 Feb 10 j 05:19 | 24°る06'32                               |                  | min. Earth dist.                        | -517 Jan 13 j 12:14      | 9° <b>そ</b> 36'22           | 0.64249 AU   |
| desc. node       | -518 Feb 18 j 20:43 | 27° <b>る</b> 24'18                      |                  | morning rise                            | -517 Jan 17 j 02:30      |                             |              |
|                  | -518 Feb 22 j 02:32 | 0° <b>≈</b>                             | 25046142         | direct                                  | -517 Jan 24 j 00:12      | 6° <b>る</b> 45'21           |              |
| morning max el   | -518 Feb 24 j 04:48 | 1°≈58'17                                | 27°46'43         | desc. node                              | -517 Feb 05 j 17:45      | 13°る45'19                   | 0700 (110    |
|                  | -518 Mar 16 j 20:28 | 0° <b>∀</b>                             |                  | morning max el                          | -517 Feb 06 j 13:22      | 14°₹33'22                   | 27°26'13     |
| morning set      | -518 Mar 29 j 21:48 | 24° <b>)</b> €05'50                     |                  |   | -517 Feb 19 j 03:56      | 0° <b>≈</b>                 |              |
|                  | -518 Apr 01 j 18:34 | 0° <b>Υ</b>                             |                  |   | -517 Mar 09 j 11:27      | 0° <b>∀</b>                 |              |
| max. Earth dist. | -518 Apr 04 j 12:54 | 5° <b>Y</b> 51'40                       | 1.32765 AU       | morning set                             | -517 Mar 13 j 16:18      | 8° <b>∺</b> 02'40           |              |
|                  |                     |   |                  | max. Earth dist.                        | -517 Mar 18 j 14:11      | 17° <b>∺</b> 58'56          | 1.33543 AU   |
| superior conj    | -518 Apr 06 j 09:42 | 9° <b>Y</b> ′53′08                      |                  |   |                          |                             |              |
| minimum elong    | -518 Apr 06 j 10:24 | 9° <b>Y</b> 56'58                       | 0°14'51          | superior conj                           | -517 Mar 21 j 15:30      | 24° <b>)</b> 24′04          |              |
| behind sun begin | -518 Apr 06 j 08:34 | 9° <b>Ƴ</b> 47'01                       |                  | minimum elong                           | -517 Mar 21 j 17:29      | 24° <b>)</b> 34′36          | 0°41'15      |
| behind sun end   | -518 Apr 06 j 12:15 | 10° <b>Y</b> 06′55                      |                  |   | -517 Mar 24 j 06:28      | $0$ ° $\mathbf{\gamma}$     |              |
| asc. node        | -518 Apr 07 j 19:51 | 12° <b>Y</b> 58′28                      |                  | asc. node                               | -517 Mar 25 j 16:53      | 3° <b>Ƴ</b> 04'10           |              |
| evening rise     | -518 Apr 13 j 09:40 | 24° <b>Ƴ</b> 59'32                      |                  | evening rise                            | -517 Mar 28 j 20:55      | 9° <b>Ƴ</b> 47'34           |              |
|                  | -518 Apr 15 j 19:24 | $_{0\circ}$ 8                           |                  |   | -517 Apr 08 j 11:12      | $9^{\circ}$ 8               |              |
|                  | -518 May 04 j 03:25 | $\Pi$ $^{\circ}0$                       |                  | evening max el                          | -517 Apr 19 j 10:55      | 14° <b>8</b> 28'42          | 22°25'04     |
| evening max el   | -518 May 07 j 18:31 | 3° <b>Ⅱ</b> 52'22                       | 24°00'11         | retrograde                              | -517 May 02 j 10:28      | 20° <b>8</b> 51'45          |              |
| desc. node       | -518 May 17 j 19:54 | 10° <b>Ⅱ</b> 16′28                      |                  | desc. node                              | -517 May 04 j 16:56      | 20° <b>8</b> 40'21          |              |
| retrograde       | -518 May 21 j 14:01 | 10° <b>Ⅱ</b> 48'37                      |                  | evening set                             | -517 May 05 j 09:32      | 20° <b>8</b> 32'29          |              |
| evening set      | -518 May 25 j 20:28 | 10° <b>Ⅲ</b> 08'11                      |                  | min. Earth dist.                        | -517 May 13 j 18:33      | 16° <b>8</b> 55'49          | 0.55272 AU   |
| min. Earth dist. | -518 Jun 01 j 05:43 | 7° <b>Ⅱ</b> 03'48                       | 0.56384 AU       | inferior conj                           | -517 May 14 j 18:22      | 16° <b>8</b> 22'05          | -2°44'03     |
| inferior conj    | -518 Jun 03 j 16:21 | 5° <b>Ⅱ</b> 33'20                       | -4°04'00         | minimum elong                           | -517 May 14 j 11:38      | 16° <b>8</b> 31'39          | 2°42'00      |
| minimum elong    | -518 Jun 03 j 10:21 | 5° <b>Ⅱ</b> 42'39                       | 4°02'54          | morning rise                            | -517 May 23 j 15:33      | 12° <b>8</b> 27'41          |              |
| morning rise     | -518 Jun 12 j 03:08 | 1° <b>Ⅱ</b> 33'03                       |                  | direct                                  | -517 May 26 j 11:01      | 12° <b>8</b> 09'37          |              |
| direct           | -518 Jun 14 j 17:57 | 1° <b>Ⅱ</b> 15'13                       |                  | morning max el                          | -517 Jun 06 j 23:05      | 17° <b>8</b> 31'45          | 21°07'18     |
| morning max el   | -518 Jun 24 j 14:30 | 5° <b>Ⅱ</b> 49'07                       | 19°48'37         | 5 5                                     | -517 Jun 16 j 15:53      | 0°II                        |              |
| asc. node        | -518 Jul 04 j 19:05 | 19° <b>Ⅱ</b> 40′30                      |                  | asc. node                               | -517 Jun 21 j 16:08      | 8° <b>Ⅱ</b> 51'18           |              |
|                  | -518 Jul 10 j 07:31 | 0ංම                                     |                  | morning set                             | -517 Jun 26 j 17:03      | 18° <b>Ⅲ</b> 53'04          |              |
| morning set      | -518 Jul 12 j 09:32 | 4°909'48                                |                  |   | -517 Jul 02 j 01:02      | 0°ಅ                         |              |
|                  |                     |   |                  |   |                          | -                           |              |
| superior conj    | -518 Jul 20 j 07:14 | 20°508'12                               | 1°46'39          | superior conj                           | -517 Jul 04 j 03:52      | 4°523'49                    | 1°39'43      |
| minimum elong    | -518 Jul 20 j 06:32 | 20°904'41                               | 1°46'39          | minimum elong                           | -517 Jul 04 j 01:57      | 4°913'56                    | 1°39'36      |
| mmuni vieng      | -518 Jul 25 j 09:03 | 0° <b>Ω</b>                             | 1 .035           | max. Earth dist.                        | -517 Jul 08 j 09:11      | 12° <b>9</b> 57'26          | 1.35463 AU   |
| max. Earth dist. | -518 Jul 25 j 23:12 | 1° <b>Ω</b> 06'48                       | 1.37166 AU       | evening rise                            | -517 Jul 12 j 16:04      | 21°9516'05                  | 1.55 105 116 |
| evening rise     | -518 Jul 29 j 19:42 | 8° <b>Ω</b> 12'44                       | 1.5 / 100 110    | evening rise                            | -517 Jul 17 j 10:28      | 0° <b>U</b>                 |              |
| evening rise     | -518 Aug 11 j 20:38 | 0° <b>m</b> )                           |                  | desc. node                              | -517 Jul 31 j 16:15      | 22° <b>Ω</b> 58'37          |              |
| desc. node       | -518 Aug 13 j 19:14 | 2° My 58'08                             |                  | dese. Hode                              | -517 Aug 05 j 16:52      | 0° <b>m</b>                 |              |
| evening max el   | -518 Sep 03 j 16:02 | 29° m 48'52                             | 25°32'33         | evening max el                          | -517 Aug 17 j 03:53      | 13° <b>m</b> ) 24'34        | 26°33'28     |
| evening max er   | -518 Sep 03 j 20:36 | ე∘ <u>ი</u>                             | 23 32 33         | retrograde                              | -517 Aug 17 j 05:55      | 20° m/ 37'59                | 20 33 20     |
| retrograde       | -518 Sep 15 j 19:35 | o <b>–</b><br>6° <b>≏</b> 47'53         |                  | evening set                             | -517 Sep 05 j 14:35      | 17° My 55'02                |              |
| evening set      | -518 Sep 21 j 19:32 | 4° <b>£</b> 15'59                       |                  | min. Earth dist.                        | -517 Sep 09 j 16:04      | 17 my 33 02<br>13° my 41'16 | 0.66055 AU   |
| evening set      | -518 Sep 25 j 17:31 | 4 ==1339<br>30°RMp                      |                  | inferior conj                           | -517 Sep 11 j 07:08      | 13 m/41 10<br>11°m/43'29    |              |
| min. Earth dist. | -518 Sep 26 j 04:34 | -                                       | 0.66916 AU       | minimum elong                           | -517 Sep 11 j 07:08      | 11° m 33'59                 |              |
|                  |                     |   |                  | _                                       |                          |                             | 2 04 42      |
| inferior conj    | -518 Sep 27 j 07:46 | 27° m 57'21                             |                  | morning rise                            | -517 Sep 17 j 06:21      | 5° m 57'33                  |              |
| minimum elong    | -518 Sep 27 j 09:32 | 27° m 51'41                             | 1 09 44          | asc. node                               | -517 Sep 17 j 15:19      | 5° m 45'49                  |              |
| asc. node        | -518 Sep 30 j 18:17 | 23° m 52'05                             |                  | direct                                  | -517 Sep 20 j 05:59      | 5° Mp 07'17                 | 10027125     |
| morning rise     | -518 Oct 02 j 23:42 | 22° m 00'09                             |                  | morning max el                          | -517 Sep 26 j 22:50      | 8° <b>m</b> 49'44           | 18°36'25     |
| direct           | -518 Oct 06 j 08:04 | 20° Mp 55'16                            | 10022112         |   | -517 Oct 11 j 19:33      | 0∘ <b>ʊ</b>                 |              |
| morning max el   | -518 Oct 13 j 12:15 | 24° m/59'30                             | 19°23'13         | morning set                             | -517 Oct 17 j 08:51      | 8° <b>£</b> 53'22           |              |
|                  | -518 Oct 17 j 18:45 | 0° <b>⊽</b>                             |                  | desc. node                              | -517 Oct 27 j 15:34      | 25° <b>£</b> 14'13          |              |
| morning set      | -518 Nov 06 j 09:00 | 29° <b>≙</b> 15'32                      |                  |   | -517 Oct 30 j 16:04      | 0° <b>M</b>                 |              |
|                  | -518 Nov 06 j 20:26 | 0°M                                     |                  |   |                          | <b></b>                     |              |
| desc. node       | -518 Nov 09 j 18:32 | 4°MJ33'00                               |                  | superior conj                           | -517 Nov 02 j 04:43      | 3°M58'36                    |              |
| max. Earth dist. | -518 Nov 19 j 21:00 | 20°M23'55                               | 1.44561 AU       | minimum elong                           | -517 Nov 02 j 00:02      | 3°M40'13                    |              |
|                  |                     |   |                  | max. Earth dist.                        | -517 Nov 02 j 15:19      | 4° <b>M</b> 40′20           | 1.45012 AU   |
| superior conj    | -518 Nov 23 j 03:27 | 25°M35'14                               |                  | evening rise                            | -517 Nov 18 j 04:46      | 29°M14'06                   |              |
| minimum elong    | -518 Nov 22 j 19:18 | 25°M02'45                               | 1°19'32          |   | -517 Nov 18 j 16:18      | 0° <b>∡</b>                 |              |
|                  | -518 Nov 25 j 21:39 | 0° <b>∡</b>                             |                  | greatest brilliancy                     | -517 Nov 26 j 14:41      | 12° <b>∡</b> 36'15          | -0.8m        |
| evening rise     | -518 Dec 07 j 12:52 | 19° <b>∡</b> *01'51                     |                  |   | -517 Dec 08 j 14:53      | 0°ಕ                         |              |
|                  | -518 Dec 14 j 03:08 | 0° <b>ප</b>                             |                  | evening max el                          | -517 Dec 10 j 06:53      | 1° <b>る</b> 50'47           | 19°01'40     |
| evening max el   | -518 Dec 26 j 20:35 | 18° <b>る</b> 25'02                      | 18°26'45         | asc. node                               | -517 Dec 14 j 14:36      | 5° <b>පි</b> 09'51          |              |
| asc. node        | -518 Dec 27 j 17:35 | 19° <b>る</b> 15'48                      |                  | retrograde                              | -517 Dec 17 j 04:30      | 5° <b>ರ</b> 46'21           |              |
| retrograde       | -517 Jan 02 j 09:49 | 22° <b>る</b> 00'48                      |                  | evening set                             | -517 Dec 20 j 10:38      | 4° <b>ප</b> 45'00           |              |
| evening set      | -517 Jan 05 j 09:57 | 21° <b>る</b> 11'14                      |                  |   | -517 Dec 25 j 06:43      | 30°R. <b>✓</b>              |              |
| inferior conj    | -517 Jan 11 j 08:27 | 15° <b>る</b> 40'54                      | 3°40'24          | inferior conj                           | -517 Dec 26 j 02:42      | 28° <b>₰</b> 57'49          | 3°15'07      |
|                  |                     |   |                  |   |                          |                             |              |

| •                   | •  |                                      | •           |                  | 901 BCE in historical cou |                                 | ge 200      |
|---------------------|--|--------------------------------------|-------------|------------------|---------------------------|---------------------------------|-------------|
| minimum elong       | -517 Dec 25 j 23:59                        | 1e year -900 m<br>29° <b>₹</b> 06'22 |             | evening max el   | -516 Nov 22 j 12:59       | 15° <b>√</b> 18'13              | 19°52'44    |
| min. Earth dist.    | -517 Dec 25 j 25:39<br>-517 Dec 27 j 15:20 |                                      | 0.65652 AU  | =                | -516 Nov 30 j 01:47       | 19° <b>х</b> 42'21              | 19 32 44    |
|                     | •  |                                      | 0.05052 AU  | retrograde       | 3                         |                                 |             |
| morning rise        | -517 Dec 31 j 13:04                        | 22° <b>x</b> <sup>7</sup> 48'11      |             | asc. node        | -516 Nov 30 j 11:38       | 19° <b>x</b> 41'24              |             |
| direct              | -516 Jan 07 j 01:27                        | 19° 🖈 57'56                          | 26925100    | evening set      | -516 Dec 03 j 15:39       | 18° 🗷 27'29                     | 2020140     |
| morning max el      | -516 Jan 19 j 23:00                        | 27° <b>₹</b> 31'53                   | 26°35'09    | inferior conj    | -516 Dec 09 j 03:24       | 12° 🗷 26'29                     | 2°39'48     |
|                     | -516 Jan 22 j 07:18                        | 0°る                                  |             | minimum elong    | -516 Dec 09 j 00:36       | 12° <b>₹</b> 35'48              | 2°38'57     |
| desc. node          | -516 Jan 23 j 14:48                        | 1°る28'24                             |             | min. Earth dist. | -516 Dec 10 j 02:21       | 11° <b>x</b> <sup>7</sup> 10'21 | 0.66662 AU  |
|                     | -516 Feb 12 j 20:22                        | 0°≈                                  |             | morning rise     | -516 Dec 14 j 09:21       | 6° <b>₹</b> 13'43               |             |
| morning set         | -516 Feb 24 j 23:21                        | 21°≈20′26                            | 1 24760 411 | direct           | -516 Dec 20 j 08:20       | 3° 🗷 35'26                      | 25022104    |
| max. Earth dist.    | -516 Feb 29 j 04:43                        | 29° <b>≈</b> 31'48                   | 1.34768 AU  | morning max el   | -515 Jan 01 j 08:00       | 10° 🗷 42'41                     | 25°22'04    |
|                     | -516 Feb 29 j 10:23                        | 0° <b>)</b> €                        |             | desc. node       | -515 Jan 09 j 11:51       | 20° <b>₹</b> 09'33              |             |
|                     | 51636 04:15.00                             | 001/21/50                            | 1005125     |                  | -515 Jan 16 j 17:21       | % ප                             |             |
| superior conj       | -516 Mar 04 j 15:22                        | 8° <b>)</b> (31'58                   |             |                  | -515 Feb 04 j 11:43       | 0° <b>≈</b>                     |             |
| minimum elong       | -516 Mar 04 j 18:28                        | 8° <b>)</b> (48'01                   | 1°0/03      | morning set      | -515 Feb 06 j 14:16       | 3°≈45'51                        | 1.06400 177 |
| asc. node           | -516 Mar 11 j 13:56                        | 23° <b>)</b> (00'28                  |             | max. Earth dist. | -515 Feb 10 j 07:52       | 10° <b>≈</b> 38′50              | 1.36432 AU  |
| evening rise        | -516 Mar 12 j 05:50                        | 24° <b>)</b> (22'53                  |             |                  |                           |                                 |             |
|                     | -516 Mar 15 j 00:02                        | 0° <b>Υ</b>                          |             | superior conj    | -515 Feb 16 j 06:31       | 22°≈09'09                       |             |
| evening max el      | -516 Mar 31 j 11:03                        | 25° <b>Y</b> 24'47                   | 20°57'27    | minimum elong    | -515 Feb 16 j 10:16       | 22° <b>≈</b> 27'48              | 1°30'35     |
|                     | -516 Apr 07 j 03:04                        | 0°8                                  |             |                  | -515 Feb 20 j 04:10       | 0° <b>∀</b>                     |             |
| retrograde          | -516 Apr 11 j 23:39                        | 0° <b>8</b> 58'55                    |             | evening rise     | -515 Feb 24 j 10:23       | 8° <b>)</b> (39′13              |             |
| evening set         | -516 Apr 14 j 05:45                        | 0° <b>8</b> 46'56                    |             | asc. node        | -515 Feb 26 j 10:59       | 12° <b>)</b> 42'47              |             |
|                     | -516 Apr 17 j 02:31                        | 30° <b>₹</b> Υ                       |             |                  | -515 Mar 08 j 05:22       | 0° <b>Υ</b>                     |             |
| desc. node          | -516 Apr 20 j 13:58                        | 28° <b>Y</b> 26′03                   |             | evening max el   | -515 Mar 13 j 22:14       | 6° <b>Ƴ</b> 57'01               | 19°45'41    |
| inferior conj       | -516 Apr 23 j 12:37                        | 26° <b>Y</b> ′48'46                  |             | retrograde       | -515 Mar 23 j 17:53       | 11° <b>Ƴ</b> 39'26              |             |
| minimum elong       | -516 Apr 23 j 10:14                        | 26° <b>Ƴ</b> 52'09                   | 0°49'36     | evening set      | -515 Mar 25 j 21:13       | 11° <b>Y</b> ′27'00             |             |
| min. Earth dist.    | -516 Apr 24 j 07:34                        | 26° <b>Y</b> 21'54                   | 0.55045 AU  | inferior conj    | -515 Apr 03 j 13:44       | 7° <b>Y</b> ′24'35              | 1°05'10     |
| morning rise        | -516 May 02 j 14:23                        | 22° <b>Y</b> 42'29                   |             | minimum elong    | -515 Apr 03 j 16:27       | 7° <b>Y</b> 20′21               | 1°04'15     |
| direct              | -516 May 05 j 21:34                        | 22° <b>Ƴ</b> 18'58                   |             | min. Earth dist. | -515 Apr 05 j 21:52       | 5° <b>Ƴ</b> 57'21               | 0.55763 AU  |
| morning max el      | -516 May 18 j 21:19                        | 28° <b>Ƴ</b> 33'11                   | 22°41'47    | desc. node       | -515 Apr 07 j 11:01       | 5° <b>Y</b> ′02'33              |             |
|                     | -516 May 20 j 08:33                        | 0°8                                  |             | morning rise     | -515 Apr 12 j 09:16       | 2° <b>Y</b> 49'26               |             |
| asc. node           | -516 Jun 07 j 13:10                        | 28° <b>8</b> 26'06                   |             | direct           | -515 Apr 16 j 14:27       | 2° <b>Y</b> 09'55               |             |
|                     | -516 Jun 08 j 07:41                        | $\Pi$ $^{\circ}0$                    |             | morning max el   | -515 Apr 30 j 13:15       | 9° <b>Ƴ</b> 08'32               | 24°22'37    |
| morning set         | -516 Jun 10 j 03:38                        | 3° <b>Ⅱ</b> 47'07                    |             |                  | -515 May 15 j 22:46       | $9^{\circ}$ 8                   |             |
|                     |  |                                      |             | asc. node        | -515 May 25 j 10:15       | 18° <b>8</b> 18'18              |             |
| superior conj       | -516 Jun 17 j 07:41                        | 19° <b>Ⅱ</b> 01'46                   | 1°27'01     | morning set      | -515 May 25 j 15:37       | 18° <b>8</b> 46'29              |             |
| minimum elong       | -516 Jun 17 j 05:13                        | 18° <b>∏</b> 48'41                   | 1°26'44     |                  | -515 May 30 j 21:00       | $\Pi$ $^{\circ}0$               |             |
| max. Earth dist.    | -516 Jun 20 j 04:36                        | 25° <b>Ⅱ</b> 04'09                   | 1.34118 AU  |                  |                           |                                 |             |
|                     | -516 Jun 22 j 14:13                        | 0∘ <b>ௐ</b>                          |             | superior conj    | -515 Jun 01 j 16:11       | 3° <b>Ⅱ</b> 54'12               | 1°09'49     |
| evening rise        | -516 Jun 25 j 02:50                        | 5° <b>5</b> 02'42                    |             | minimum elong    | -515 Jun 01 j 13:44       | 3° <b>Ⅱ</b> 40′58               | 1°09'25     |
|                     | -516 Jul 09 j 03:17                        | $0 {\circ} \Omega$                   |             | max. Earth dist. | -515 Jun 03 j 08:50       | 7° <b>Ⅲ</b> 33'33               | 1.33157 AU  |
| desc. node          | -516 Jul 17 j 13:16                        | 12° <b>Ω</b> 30′28                   |             | evening rise     | -515 Jun 08 j 23:58       | 19° <b>Ⅱ</b> 20'58              |             |
| evening max el      | -516 Jul 29 j 15:39                        | 26° <b>Ω</b> 49'31                   | 27°13'12    |                  | -515 Jun 14 j 10:59       | 0°ಅ                             |             |
|                     | -516 Aug 02 j 07:18                        | O° Mp                                |             |                  | -515 Jul 03 j 08:40       | $0^{\circ}\Omega$               |             |
| retrograde          | -516 Aug 12 j 00:42                        | 4°Mp08'51                            |             | desc. node       | -515 Jul 04 j 10:18       | 1° <b>Ω</b> 21'46               |             |
| evening set         | -516 Aug 19 j 01:02                        | 1° <b>m</b> 23'00                    |             | evening max el   | -515 Jul 12 j 01:42       | 9° <b>Ω</b> 52'09               | 27°25'11    |
|                     | -516 Aug 20 j 15:15                        | $30^{\circ}$ R $\Omega$              |             | retrograde       | -515 Jul 25 j 18:42       | 17° <b>Ω</b> 12′05              |             |
| min. Earth dist.    | -516 Aug 22 j 19:43                        | 27° <b>Ω</b> 46'14                   | 0.64829 AU  | evening set      | -515 Aug 01 j 23:40       | 14° <b>Ω</b> 35'11              |             |
| inferior conj       | -516 Aug 24 j 23:49                        | 25° <b>Ω</b> 22'04                   | -2°59'02    | min. Earth dist. | -515 Aug 05 j 13:50       | 11° <b>Ω</b> 30'34              | 0.63242 AU  |
| minimum elong       | -516 Aug 25 j 04:04                        | 25° <b>Ω</b> 10′17                   | 2°57'39     | inferior conj    | -515 Aug 08 j 07:12       | 8° <b>Ω</b> 47'50               | -3°46'35    |
| morning rise        | -516 Aug 31 j 07:48                        | 19° <b>Ω</b> 50'48                   |             | minimum elong    | -515 Aug 08 j 11:50       | 8° <b>Ω</b> 36'14               | 3°45'26     |
| direct              | -516 Sep 03 j 01:03                        | 19° <b>Ω</b> 11'44                   |             | morning rise     | -515 Aug 15 j 01:09       | 3° <b>Ω</b> 34'26               |             |
| asc. node           | -516 Sep 03 j 12:22                        | 19° <b>Ω</b> 12'55                   |             | direct           | -515 Aug 17 j 14:24       | 3° <b>Ω</b> 03′27               |             |
| morning max el      | -516 Sep 09 j 13:21                        | 22° <b>Ω</b> 41'16                   | 18°06'19    | asc. node        | -515 Aug 21 j 09:26       | 4° <b>Ω</b> 12'55               |             |
|                     | -516 Sep 15 j 07:18                        | 0° <b>m</b>                          |             | morning max el   | -515 Aug 24 j 05:03       | 6° <b>Ω</b> 28'36               | 17°53'46    |
| morning set         | -516 Sep 27 j 13:10                        | 19° <b>m</b> 54'32                   |             |                  | -515 Sep 08 j 13:20       | 0° <b>m</b> y                   |             |
|                     | -516 Oct 03 j 15:03                        | 0∘ <b>⊽</b>                          |             | morning set      | -515 Sep 09 j 18:02       | 2°M/06'00                       |             |
|                     | 5160 · 11110 ·                             | 1000 4222                            | 001212.5    |                  | 616 Q                     | 220 - 22:2                      | 0055142     |
| superior conj       | -516 Oct 11 j 10:54                        | 12° <b>Ω</b> 41'34                   |             | superior conj    | -515 Sep 21 j 16:00       | 22° m 33'50                     | 0°55'43     |
| minimum elong       | -516 Oct 11 j 12:33                        | 12° <b>Ω</b> 48'10                   | 0°13'22     | minimum elong    | -515 Sep 21 j 20:56       | 22° m 54'21                     | 0°55'06     |
| behind sun begin    | -516 Oct 11 j 06:25                        | 12° <b>Ω</b> 23'36                   |             |                  | -515 Sep 26 j 04:32       | 0∘ <b>ʊ</b>                     |             |
| behind sun end      | -516 Oct 11 j 18:42                        | 13° <b>Ω</b> 12'42                   |             | max. Earth dist. | -515 Sep 28 j 02:07       | 3° <b>Ω</b> 04'14               | 1.43728 AU  |
| desc. node          | -516 Oct 13 j 12:36                        | 15° <b>Ω</b> 59'39                   |             | desc. node       | -515 Sep 30 j 09:38       | 6° <b>≏</b> 46'11               |             |
| max. Earth dist.    | -516 Oct 15 j 10:12                        | 19° <b>Ω</b> 00'24                   | 1.44717 AU  | evening rise     | -515 Oct 07 j 05:17       | 17° <b>≏</b> 27'38              |             |
|                     | -516 Oct 22 j 10:22                        | 0° <b>M</b>                          |             |                  | -515 Oct 15 j 10:45       | 0° <b>™</b>                     |             |
| evening rise        | -516 Oct 27 j 22:39                        | 8°M33'30                             |             | evening max el   | -515 Nov 05 j 13:33       |                                 | 20°57'33    |
| greatest brilliancy | -516 Nov 10 j 06:40                        | 28°M56'28                            | -0.7m       |                  | -515 Nov 06 j 19:47       | 0° <b>∡</b> 7                   |             |
|                     | -516 Nov 10 j 23:45                        | 0° <b>∡</b>                          |             | retrograde       | -515 Nov 13 j 23:22       | 3° <b>∡</b> ¹45'10              |             |
|                     |  |                                      |             |                  |                           |                                 |             |

| abe. node         515 Not 17 1908.2         2294003         sec. node         514 Not 19 1634         1294047         1908 1908   | ,                | ,                   |                     | •                                       | //               | 901 BCE in historical cou | , ,                 | 5 <b>C</b> 207 |
|---|------------------|---------------------|---------------------|---|------------------|---------------------------|---------------------|----------------|
|   |                  |                     | -                   |   |                  |                           |                     |                |
|   | evening set      |                     | 2° <b>∡</b> 14'55   |   | inferior conj    |                           | 9° <b>™</b> 46'27   | 1°08'45        |
| infection continum moding of 15 No. V3 (68)         670 MIC 18 (67)         15 No. V3 (68)         670 MIC 18 (54)         15 No. V3 (1974)         970 MIC 18 (54)   | Č                | •                   |                     |   |                  | 3                         |                     | 1°08'07        |
| minimardination in Infant dist         415 No. 23 j 1952         29 H2030 Sept.         6700 At 10 sept.         6700 At 10 sept.         6700 At 10 sept.         415 No. 24 j 1960 Sept.         97 H2030 Sept.         97 H  | inferior conj    | -                   | 26°M03'28           | 1°57'03                                 |                  |                           | 9° <b>M</b> 46'16   | 0.67607 AU     |
| min familiari         435 No. 23 [190]         257 May 1920         6780 AU         min faming max of six No. 27 [1922]         1780 AU         277 Mill 27 [22]         220 AU         min faming max of six No. 27 [1922]         7781 AU         220 AU         220 AU         containing max of six No. 27 [1922]         450 AU         277 Mill 27 [22]         220 AU         containing act of six No. 27 [1932]         450 AU         278 AU         278 AU         containing act of six No. 27 [1932]         450 AU         278 AU         containing act of six No. 27 [1932]         450 AU         278 AU         containing act of six No. 27 [1932]         450 AU         278 AU         containing act of six No. 27 [1932]         450 AU         278 AU  | minimum elong    |                     | 26°M11'35           | 1°56'11                                 | morning rise     | -514 Nov 12 j 19:55       | 3°M33'59            |                |
| diece         4515 Dec 41 jul 2015         27 PER-3019         descende         514 Dec 14 jul 60         70-27         47 PER-3019   | _                | -                   | 25°M26'03           |   | •                | -514 Nov 17 j 12:50       | 1°M36'40            |                |
| diece         4515 Dec 8) 3 (2015)         19 (18.301)         47 (18.301)         48 (18.301)         49 (18.301)  | morning rise     | •                   | 19° <b>M</b> 49'41  |   | morning max el   | -514 Nov 27 j 03:21       | 7° <b>M</b> 18'21   | 22°29'23       |
| Self Dec 2016 1035   O'F   max. Earth dist.   513 no 0,1 2013   O'F   | direct           |                     | 17°M30'19           |   | -                |                           | 29°M23'14           |                |
| Section   Si-14 more   1965   1978   | morning max el   | -515 Dec 14 j 16:36 | 23°M58'21           | 23°56'50                                |                  | -514 Dec 14 j 16:03       | 0° <b>∡</b> ¹       |                |
| 140   10   10   10   10   10   10   10  |                  | -515 Dec 20 j 01:35 | 0° <b>∡</b> ¹       |   | morning set      | -514 Dec 30 j 19:32       | 24° <b>₹</b> '54'59 |                |
| moning set max. Earth dist.         514 Jan   27 j 16:10         15° 36:19         15° 36:19         15° 36:19         27 j 16:10         0 minimum clong (313 Jan   12 j 19:04)         1° 27 j 20:32         2°00'09           superior conj conj minimum clong (514 Jan   30 j 19:41)         5° 56:19 j 21 j 21 j 22:00         5° 56:19 j 18:18         0 minimum clong (514 Jan   30 j 12:40)         5° 56:19 j 18:18         0 minimum clong (514 Jan   30 j 12:40)         5° 56:19 j 19:10         6° 76:19 j 19:10         5° 56:19 j 19:10         6° 76:19 j 19:10         1° 76:19   | desc. node       | -515 Dec 27 j 08:54 | 9° <b>∡</b> ³31'44  |   |                  | -513 Jan 02 j 21:30       | 0°ರ                 |                |
| max. Earth dist, or 514 Jan 2 5 10.29         21°54020         12°86020         138438 AU         superior corol minimum clong corol policy   |                  | -514 Jan 10 j 03:54 | ව°0                 |   | max. Earth dist. | -513 Jan 04 j 23:39       | 3° <b>る</b> 30′52   | 1.40559 AU     |
| Separation   Se   | morning set      | -514 Jan 19 j 06:56 | 15° <b>る</b> 01'59  |   |                  |                           |                     |                |
| Supprior corp   S-14 Jan   30   90   18   S-96/32   -14941   Sec. node   S-13 Jan   19   1818   Sec.   S   | max. Earth dist. | -514 Jan 23 j 03:29 | 21° <b>ප්</b> 46'20 | 1.38438 AU                              | superior conj    | -513 Jan 12 j 19:04       | 17° <b>る</b> 09'38  | -2°00'10       |
| superior corol         -514 Jan 3 (1901)8         578-6752   14941         cevening rise         -513 Jan 2 (2) 19-00         578-6752   129600           evening rise         -514 Feb (8) (9) (90)         279-62908         cevening rise         -513 Feb (9) (90)         0°K           asc. node         -514 Feb (13) (80)         279-62908         retrograde         -513 Feb (15) (1702)         478-625           evening max el         -514 Feb (13) (80)         279-870708         retrograde         -513 Feb (15) (1702)         474-625           evening set         -514 Mar (7) (10-4)         1518 Feb (15) (1802)         187-1870         1513 Feb (25) (1016)         474-625           evening set         -514 Mar (15) (16.52)         187-8275         279-710         -513 Feb (25) (1016)         474-1873           evening set         -514 Mar (15) (16.52)         187-82494         minimum clong         -514 Mar (15) (16.52)         187-1875         229-311         minimum clong         -514 Mar (15) (16.03)         379-82796         0.99299 AU           minimum clong         -514 Mar (12) (16.03)         187-12240         0.57257 AU         morning free         -513 Mar (1) (16.43)         227-862796         0.99299 AU           minimum clong         -514 Mar (25) (16.03)         197-4138         0.57257 AU         morning free  |                  | -514 Jan 27 j 16:10 | 0° <b>≈</b>         |   | minimum elong    | -513 Jan 12 j 20:20       | 17° <b>る</b> 15'23  | 2°00'09        |
| minimum clong         -514 Jan 3 j 12-40         58-80/31         1°4927         asc. node         -513 Jan 3 j 10/55         21*-800/35         21*-800/35           asc. node         -514 Feb 13 j0/520         0°½         cvening max el         -513 Feb 08 j0/104         1°½46/21         18°20/33           cevening max el         -513 Feb 10 j0/102         2°½40/508         cvening max el         -513 Feb 10 j0/104         1°½46/21         18°20/33         37°750           retorgade         -514 Mar 05 j0/104         2°½46/945         inferior conj         -513 Feb 25 j0/021         0°½1139         32°721           inferior conj         -514 Mar 15 j0/829         18°¾5137         2°4240         minimum clong         -513 Mar 04 j0/825         2°8711           minimum clong         -514 Mar 18 j 4/14         16°67/1248         0.57275 AU         morning rise         -513 Mar 10 j16/32         2°8-86733           direct         -514 Mar 18 j 4/14         16°67/1248         0.57275 AU         morning rise         -513 Mar 2 j0/104         0°9%           direct         -513 Mar 2 j0/104         12°½4504         0.57275 AU         morning rise         -513 Mar 2 j0/104         0°½4           direct         -514 Mar 28 j2/100         12°½4504         0°24         0.5220         0.533 Mar 2 j0/104  |                  |                     |                     |   |                  | -513 Jan 19 j 18:18       | 0° <b>≈</b>         |                |
| evening rise  | superior conj    | -514 Jan 30 j 09:18 | 5° <b>≈</b> 05'32   | -1°49'41                                | evening rise     | -513 Jan 22 j 19:40       | 5° <b>≈</b> 45'21   |                |
| Section   Sec   | minimum elong    | -514 Jan 30 j 12:40 | 5° <b>≈</b> 21'31   | 1°49'27                                 | asc. node        | -513 Jan 31 j 05:05       | 21° <b>≈</b> 00'54  |                |
| section   sec   | evening rise     | -514 Feb 08 j 08:01 | 22° <b>≈</b> 29'08  |   |                  | -513 Feb 06 j 09:48       | 0° <b>ℋ</b>         |                |
| evening max el retrograde         4.14 Feb 24 j 19.57         19°H0624         8'85'305         evening set         -513 Feb 25 j 00.16         0°H3683         3'27'21           evening set         -514 Mar 15 j 08.29         23°H0708         minimum clong         5:13 Feb 25 j 00.23         0°H1183         3'27'21           inferior conj         514 Mar 15 j 08.29         18°H3157         2'3420         minimum clong         5:13 Feb 25 j 00.23         0°H1818         3'27'21           minimum clong         5:14 Mar 18 j 14:14         16°H2248         0.57275 AU         morning rise         5:13 Mar 10 j 08:25         24°8-45'23         0.9329 AU           direct         -5:14 Mar 23 j 12:07         13°H2489         desc. node         -5:13 Mar 12 j 07:06         0°H         27°H378           direct         -5:14 Mar 25 j 08:05         12°H4784         desc. node         -5:13 Mar 12 j 07:02         0°H         27°H378           morning set         -5:14 May 26 j 08:06         0°B         -5*H373         morning max el         -5:13 Mar 12 j 07:02         0°H3781         27°05'37           superior conj         -5:14 May 17 j 03:12         18°85245         0°49'04         superior conj         -5:13 Mar 24 j 02:24         28°P3'91         28°B3'91         28°B3'91         28°B3'91         28°B3'91 <th< td=""><td></td><td>-514 Feb 12 j 05:20</td><td>0°<b>∀</b></td><td></td><td>evening max el</td><td>-513 Feb 08 j 01:40</td><td>1°<b>)</b> 46′42</td><td>18°20'33</td></th<>   |                  | -514 Feb 12 j 05:20 | 0° <b>∀</b>         |   | evening max el   | -513 Feb 08 j 01:40       | 1° <b>)</b> 46′42   | 18°20'33       |
| Petrograde   5.14 Mar 0.5 jo.3.17   23°H.0708   minimum clong   5.13 Feb 2.5 jo.0.16   0°H.1873   3°27721   1167670 conj   5.14 Mar 1.5 jo.8.20   18°H.3157   2°3420   minimum clong   5.14 Mar 1.5 jo.2.50   18°H.2315   2°34210   minimum clong   5.14 Mar 1.5 jo.2.50   18°H.2315   2°34210   minimum clong   5.14 Mar 1.5 jo.2.50   18°H.2315   2°3311   minimum clong   5.14 Mar 1.5 jo.2.50   18°H.2315   2°3311   minimum clong   5.14 Mar 1.5 jo.2.50   18°H.2315   2°3311   minimum clong   5.14 Mar 2.5 jo.0.00   18°H.2408   58°T.275 AU   morning risc   5.13 Mar 1.0 jo.5.00   23°8-3573   40 morning risc   5.14 Mar 2.5 jo.0.00   18°H.4158   25°T.275 AU   morning max el   5.14 Mar 2.5 jo.0.00   18°H.4158   25°T.25533   morning max el   5.14 Mar 2.5 jo.0.00   18°H.4158   25°T.25533   morning max el   5.14 Mar 2.5 jo.0.00   18°H.4158   25°T.25533   morning max el   5.14 Mar 2.5 jo.0.00   18°H.4158   25°T.25533   morning max el   5.14 Mar 2.5 jo.0.00   18°H.3158   28°T.25533   morning max el   5.14 Mar 2.5 jo.0.00   18°H.3158   28°T.325533   morning max el   5.14 Mar 2.5 jo.0.00   18°H.3158   3°B.4158   18°H.3159   18°B.3158   18   | asc. node        | -514 Feb 13 j 08:02 | 2° <b>)</b> €05'08  |   | retrograde       | -513 Feb 15 j 07:28       | 5° <b>升</b> 21'54   |                |
| retrogade         514 Mar 05 j0.317         23°H0708         inferior conj         513 Feb 25 j0.016         0°H1873         3°2720           rinfrior conj         514 Mar 15 j0.829         18°H3157         23°420         minimum clong         513 Feb 25 j0.020         30°New           minimum clong         514 Mar 15 j0.256         18°H3157         23°420         minimarch dist         513 Feb 28 j0.027         27°82706         0.9529 AU           minimum clong         514 Mar 15 j0.829         18°H24355         23°311         minimarch dist         513 Mar 10 j0.632         22°84763         0.9529 AU           minimum clong         514 Mar 23 j1.207         13°H2408         direct         513 Mar 10 j0.632         22°847802         0.97           direct         514 Mar 28 j2.100         12°H4158         25°5533         morning max         513 Mar 24 j0726         0°H         70°97         10°97         513 Mar 24 j0726         0°H         27°05737         0°H         513 Mar 24 j0726         0°H         20°2735         27°05737         0°H         513 Mar 24 j0726         0°H         27°05737         27°05737         27°05737         27°05737         27°05737         27°05737         27°05737         27°05737         27°05737         27°05737         27°05737         27°05737         27°05737<  | evening max el   |                     | 19° <b>)</b> 06′24  | 18°53'05                                | evening set      |                           | 4° <b>)</b> 56'55   |                |
| cereming set   -   14 Mar   17   10 /4   22   18   18   13   18   18   13   18   18   | _                | -514 Mar 05 j 03:17 | 23° <b>)</b> €07'08 |   | -                |                           | 0° <b>)</b> 18'33   | 3°27'50        |
| inferior conj         -514 Mar 15 j 08.29         18*H 31*S7         2°34.20         -513 Feb 25 j 09.03         30% psc         -70 psc         0.5925 A U           minim. Earth dist.         -514 Mar 18 j 12:56         18°H 22*S 2*S 2*3*S1         min. Earth dist.         -513 Mar 10 j 16:43         22°*se7750         0.5925 A U           morning rise         -514 Mar 23 j 12:07         13°H 24'08         direct         -513 Mar 10 j 16:43         22°*se7750         -           desc. node         -514 Mar 28 j 21:00         12°H 41'8         -         -         -513 Mar 24 j 07:20         0°H         -         0°H         -         -         -513 Mar 25 j 00:01         0°H         -         0°H         -         -         -         -         -         -         -         -         -         0°H         -         -         -         -         -         -         0°H         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         0°H         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td>•</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   | •                | -                   |                     |   |                  |                           |                     |                |
| minimum elong         5.14 Mar 18 j 12:6         18*H23*5         2*33*11         min Earth dist.         -5.13 Mar 04 j 08:25         27*e2766         0.59259 AU           minin. Earth dist.         -514 Mar 12 j 12:07         13*H2478         6.7275 AU         morning rise         -513 Mar 10 j 16:43         22*ex5750         -82*ex5750           desc. node         -514 Mar 22 j 08:05         12*H4574         desc. node         -513 Mar 12 j 06:30         0°H           morning max cl         -514 Apr 12 j 04:30         0°P*H158         25*e5533         morning max cl         -513 Mar 24 j 07:40         0°H         -70*871           morning set         -514 May 10 j 03:14         3°B4405         asc. node         -513 Apr 29 j 04:23         18**0°341         8**0°341           sex node         -514 May 10 j 03:14         3°B4405         asc. node         -513 Apr 29 j 04:23         28**0°304           superior conj         -514 May 17 j 01:14         18*8'52:45         0°4841         minimum elong         -513 May 01 j 07:49         3°B5122         0°253           max. Earth dist.         -514 May 21 j 07:14         18*8'52:45         0°4891         minimum elong         -513 May 01 j 07:49         3°B5121         123262 AU           evening rise         -514 May 17 j 10:14         18*8'52:45         0°49   | -                | -                   | 18° <b>)</b> €31'57 | 2°34'20                                 | Č                |                           |                     |                |
| min Earth dist.         514 Mar 18 j 14-14         16°H (248 8 0.5725 AU         morning rise         513 Mar 10 j 16-33         22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 286750         4888 25   22°# 287750         4888 25   22°# 28   | -                | -                   |                     |   | min. Earth dist. |                           |                     | 0.59259 AU     |
| morning rise         -514 Mar 2 5 j 12.07         13°M2108         direct         -513 Mar 1 j j 5.08         22°×εσ750         condense         -514 Mar 2 5 j 08.05         22°×εσ352         condense         -513 Mar 2 j j 0.00         23°×εσ352         -7°0537           morning max el         -514 Apr 2 j 0-22:32         0°°Y         morning max el         -513 Mar 2 j 0.001         0°°H3751         2°°0537           morning set         -514 May 10 j 03:14         3°B4405         asc. node         -513 Apr 2 j 04:23         28°Y3041         18°°74112           superior conj         -514 May 17 j 03:12         18°852120         0°4904         superior conj         -513 May 0 j 115:51         3°S45122         0°25'55           max. Earth dist         -514 May 17 j 10:14         18°852100         0°4841         minimum elong         -513 May 0 j 115:51         3°S45122         0°25'52           max. Earth dist         -514 May 2 j 06:32         0°19         evening max el         -513 May 0 j 17:59         3°81221         132362 AU           evening rise         -514 May 2 j 06:32         0°13         sevening max el         -514 Jun 2 j 00:20         0°25         evening max el         -513 May 0 j 17:34         0°25         18'85000         9°25         18'85000         19'85         18'85000         19'92 <t< td=""><td>_</td><td>-</td><td></td><td></td><td></td><td>•</td><td></td><td></td></t<>   | _                | -                   |                     |   |                  | •                         |                     |                |
| desc. node         -514 Mar 25 j 08:05         12°H 45°04         desc. node         -513 Mar 12 j 05:08         22° ∞03°52         - Horror off           morning max el         -514 Apr 20 j 23:30         12°H 14°34         - 513 Mar 24 j 07:26         0°H         0°H           morning max el         -514 Apr 20 j 22:32         0°P°         - 513 Mar 24 j 07:26         0°P°         - 70°537           morning set         -514 May 10 j 03:14         3°B4405         asc. node         -513 Apr 24 j 12:48         18°P°412           superior conj         -514 May 17 j 03:12         18°B5245         0°4904         superior conj         -513 May 01 j 14:58         3°85122         0°2535           max. Earth dist.         -514 May 17 j 19:03         18°B5245         0°4904         minimum elong         -513 May 01 j 14:58         3°85122         0°2535           evening rise         -514 May 17 j 19:03         2°81933         1.32576 AU         max. Earth dist.         -513 May 01 j 14:58         3°84513         0°2521           evening rise         -514 May 21 j 06:11         3°11930         1.32576 AU         max. Earth dist.         -513 May 01 j 17:43         3°84513         0°25           desc. node         -514 Jun 24 j 07:43         2°2°91943         2°05099         desc. node         -513 Jun 08 j 04:22 <td></td> <td>-</td> <td></td> <td>***************************************</td> <td>•</td> <td></td> <td></td> <td></td>   |                  | -                   |                     | *************************************** | •                |                           |                     |                |
| direct   -514 Mar 28 j 21:00   12° ± 14'54   -513 Mar 24 j 07:26   0° ± 14' Apr 12 j 02:32   0° ↑°   -514 Mapr 12 j 07:19   8° ± 22 i 0° ± 0° ± 0° ± 0° ± 0° ± 0° ± 0° ± 0°   | •                | -                   |                     |   |                  |                           |                     |                |
| moming max el   -514 Apr 12 j 04:30   19°¥41'58   25°55'33   moming max el   -513 Apr 12 j 02:00   0°Y      |                  |                     |                     |   | dese. Hode       |                           |                     |                |
| Sil A pr 20 j 22:32   0°P   morning set   5:13 Apr 14 j 22:40   0°P   morning set   5:14 May 10 j 03:14   3°B4405   asc. node   5:13 Apr 24 j 12:48   8°P 34:12   asc. node   5:13 Apr 29 j 04:23   28°P 30*P 31   asc. node   5:14 May 10 j 03:14   8°B4210   8°B4105   asc. node   5:13 Apr 29 j 04:23   28°P 30*P 31   asc. node   5:13 Apr 29 j 04:23   28°P 30*P 31   asc. node   5:13 Apr 29 j 04:23   28°P 30*P 31   asc. node   5:13 Apr 29 j 04:23   28°P 30*P 31   asc. node   5:13 Apr 29 j 04:23   3°B5122   0°2535   minimum elong   5:14 May 17 j 10:14   18°B4200   0°4841   minimum elong   5:13 May 01 j 13:51   3°B4513   0°2521   asc. part 1 dist.   5:14 May 22 j 06:32   0°B1   asc. part 1 dist.   5:13 May 01 j 07:49   3°B1211   1.32362 AU   evening rise   5:14 May 22 j 06:32   0°B1   asc. part 1 dist.   5:13 May 01 j 07:49   0°B1   3°B1211   3°B121    |                  | -                   |                     | 25°55'33                                | morning max el   |                           |                     | 27°05'37       |
| Solit May 08 j 08.06   0°8   morning set   Solit May 10 j 03:14   3°84405   asc. node   Solit May 10 j 03:14   3°84405   asc. node   Solit May 12 j 07:19   8°82120   Solit May 21 j 07:19   8°82120   Solit May 21 j 07:19   8°82120   Solit May 21 j 07:19   8°82120   Solit May 20 j 04:35   Solit May 17 j 03:12   18°85245   0°49'04   minimum clong   Solit May 17 j 03:12   18°85245   0°49'04   minimum clong   Solit May 17 j 03:12   18°85245   0°49'04   minimum clong   Solit May 01 j 14:58   3°85122   0°25'35   max. Earth dist.   Solit May 17 j 07:03   20°819'33   1.32576 AU   max. Earth dist.   Solit May 24 j 04:11   3°15'930   Solit May 24 j 04:11   3°15'930   Solit May 01 j 15:51   3°25'21   3°25'21   Solit May 01 j 14:58   3°85'122   0°25'15   Solit May 01 j 14:58   Solit May   | morning man vi   |                     |                     | 20 00 00                                | morning mun vi   |                           |                     | 2, 003,        |
| momining set asc. node         -514 May 10 j 03:14 (3) 8/84/105         asc. node         -513 Apr 29 j 04:23 (2) 73:04         28°07/30'41           superior conj conj         -514 May 17 j 03:12 (14) 18°8/2120         superior conj         -513 May 01 j 14:58 (3) 6°25         0°25           superior conj minimum elong         -514 May 17 j 01:14 (18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°48'41 (11) 18°8/20°0 0°49 0°48'41 (11) 18°8/20°0 0°49 0°48'41 (11) 18°8/20°0 0°49 0°48'41 (11) 18°8/20°0 0°49 0°48'41 (11) 18°8/20°0 0°49 0°48'41 0°49'4   |                  |                     |                     |   | morning set      |                           |                     |                |
| asc. node         -514 May 12 j 07:19         8°821'20         -513 Apr 29 j 20:45         0°8         -5253 Apr 29 j 20:45         0°8 <td>morning set</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>  | morning set      |                     |                     |   | -                |                           |                     |                |
| superior conj         -514 May 17 j 03:12         18°B52'45         0'49'04         superior conj         -513 May 01 j 14:58         3°B51'22         0'25'35'           minimum elong         -514 May 17 j 19:03         20°B1'933         1.32576 AU         minimum elong         -513 May 01 j 13:51         3°B4'813         0'25'21           max. Earth dist.         -514 May 17 j 19:03         20°B1'933         1.32576 AU         max. Earth dist.         -513 May 01 j 07:49         3°B1'21         1.32362 AU           evening rise         -514 May 24 j 04:11         3°B59'30         evening rise         -513 May 01 j 07:49         3°B1'21         1.32362 AU           desc. node         -514 Jun 07 j 05:06         0°B         evening max el         -513 Jun 02 j 10:54         0°B           evening max el         -514 Jun 07 j 07:06         0°B         evening max el         -513 Jun 06 j 07:35         4°B0'2328         26°12'32           evening max el         -514 Jun 18 j 07:073         22°B3'19'0         22°05'09         desc. node         -513 Jun 06 j 07:35         4°B0'22'2         26°12'32           evening set         -514 Jul 18 j 06:17         27°92'32'2         evening max el         -513 Jun 06 j 07:35         4°B0'22'2         26°12'32           minimum elong         -514 Jul 12 j 06:17         27°92'34'2<   |                  |                     |                     |   | use. node        |                           |                     |                |
| minimum elong         -514 May 17 j 19:14         18°84200         0°48'41         minimum elong         -513 May 01 j 13:51         3°845'13         0°2521           max. Earth dist.         -514 May 2 j 10:32         20°El 993         1,32576 AU         ewening rise         -513 May 08 j 12:56         18°8500         18°8500         18°8500         18°8500         12362 AU         20°E         12362 AU         20°E         12362 AU         12362 AU         20°E         12362 AU         12362 AU         20°E         12362 AU         12362 AU         12362 AU         12362 AU         20°E         12362 AU         20°E         20°E <t< td=""><td>use. Houe</td><td>511 May 12 j 07.17</td><td>0 02120</td><td></td><td></td><td>51571pr 25 j 20:15</td><td>ů <b>O</b></td><td></td></t<>  | use. Houe        | 511 May 12 j 07.17  | 0 02120             |   |                  | 51571pr 25 j 20:15        | ů <b>O</b>          |                |
| minimum elong         -514 May 17 j 19:14         18°84200         0°48'41         minimum elong         -513 May 01 j 13:51         3°845'13         0°2521           max. Earth dist.         -514 May 2 j 10:32         20°El 993         1,32576 AU         ewening rise         -513 May 08 j 12:56         18°8500         18°8500         18°8500         18°8500         12362 AU         20°E         12362 AU         20°E         12362 AU         12362 AU         20°E         12362 AU         12362 AU         20°E         12362 AU         12362 AU         12362 AU         12362 AU         20°E         12362 AU         20°E         20°E <t< td=""><td>superior coni</td><td>-514 May 17 i 03:12</td><td>18°<b>8</b>52'45</td><td>0°49'04</td><td>superior coni</td><td>-513 May 01 i 14:58</td><td>3°<b>8</b>51'22</td><td>0°25'35</td></t<>   | superior coni    | -514 May 17 i 03:12 | 18° <b>8</b> 52'45  | 0°49'04                                 | superior coni    | -513 May 01 i 14:58       | 3° <b>8</b> 51'22   | 0°25'35        |
| max. Earth dist.         -514 May 17 j 19:03         20°8 19'33         1.32576 AU         max. Earth dist.         -513 May 01 j 07:49         3°8 12'11         1.32362 AU           evening rise         -514 May 22 j 06:32         0°II         evening rise         -513 May 08 j 12:56         18°85000           evening rise         -514 Jun 07 j 05:06         0°G         -513 Jun 02 j 10:54         0°G           desc. node         -514 Jun 21 j 07:20         19°@14'37         evening max el         -513 Jun 06 j 07:35         4°@03'28         26°12'32           evening max el         -514 Jun 24 j 07:43         22°@19/40         27°05'09         desc. node         -513 Jun 06 j 07:35         4°@03'28         26°12'32           evening sat         -514 Jul 15 j 06:17         27°@23'42         evening set         -513 Jun 20 j 08:36         11°@17'12           evening set         -514 Jul 15 j 06:17         27°@23'42         evening set         -513 Jun 20 j 08:36         11°@17'12           min Earth dist.         -514 Jul 2 j 15:06         24°@40'14         0.61341 AU         min. Earth dist.         -513 Jul 04j 04:40         4°@27'09         4°41'35           morning rise         -514 Jul 3 j 18:23         21°@43'13         4°22'54         minimim entong         -513 Jul 11 j 20:50         29°II 56'32      <   |                  |                     |                     |   |                  |                           |                     |                |
| evening rise         -514 May 22 j 06:32         0°Π         evening rise         -513 May 98 j 12:56         18°85000         - 14 May 24 j 04:11         3°Π59/30         - 513 May 14 j 01:41         0°Π         - 514 Jun 21 j 07:40         0°Θ         - 513 Jun 02 j 10:54         0°Π         - 514 Jun 02 j 10:43         20°12:32         - 60 cevening max el         - 513 Jun 06 j 07:35         4°90328         26°12:32         - 60 cevening max el         - 513 Jun 06 j 07:35         4°90328         26°12:32         - 60 cevening max el         - 513 Jun 06 j 07:35         4°90328         26°12:32         - 60 cevening max el         - 513 Jun 06 j 07:35         4°90328         20°12:32         - 60 cevening max el         - 513 Jun 06 j 07:35         4°90328         20°12:32         - 60 cevening set         - 513 Jun 06 j 07:35         11°90718         - 60 cevening set         - 513 Jun 10 j 06:33         11°90718         0.09286 AU         - 60 cevening set         - 513 Jun 10 j 06:33         11°90718         0.09286 AU         - 60 cevening set         - 513 Jun 10 j 06:40         4°90719         - 4°4135         - 4°133         - 4°133         - 6°23*28         - 6°23*28         - 6°23*28         - 6°23*28         - 6°23*28         - 6°23*28         - 6°23*28         - 6°23*28  | · ·              | , ,                 | _                   |   | _                | , ,                       |                     |                |
| cevening rise   -514 May 24 j 04:11   3° II 59° 30   -518 May 14 j 01:41   0° II   -518 May 1   |                  |                     |                     |   |                  |                           |                     |                |
| cesc. node   -514 Jun   07 j 05:06   0°\$   cevening max el   -513 Jun   02 j 10:54   0°\$   26°12'32   26°12'32   26°12'32   26°10'32'32   26°12'32   26°12'32   26°12'32   26°12'32   26°13'32   26°12'32   26°13'32   26°12'32   26°13'32   26°12'32   26°13'32   26 | evening rise     |                     |                     |   |                  | • •                       | _                   |                |
| desc. node         -514 Jun 21 j 07:20         19°S14'37   22°S19'40         evening max el         -513 Jun 06 j 07:35         4°S03'28         26°12'32           evening max el         -514 Jun 24 j 07:43         22°S19'40         27°05'09         desc. node         -513 Jun 06 j 04:22         5°S44'42         -14 Jun 18 j 01:50         20°S37'52         retrograde         -513 Jun 26 j 04:33         11°S17'12         -14 Jun 18 j 01:50         20°S37'42         retrograde         -513 Jun 26 j 16:18         9°S38'50         -18 Jun 26 j 16:18         0°S286 AU         -18 Jun 26 j 06:31         0°S258 AU         -18 Jun 26 j 06:40         0°S258 AU         -18 Jun 26 j 06:40         0°S258 AU         -18 Jun 26 j 06:40         0°S258 AU         0°S258 AU         -18 Jun 26 j 06:40         0°S258 AU         -18 Jun 26 j 06:40         0°S258 AU         0°S258  | e vennig rise    |                     |                     |   |                  |                           |                     |                |
| Pevening max el   -514 Jun   24 j 07:43   22°@19'40   27°05'09   desc. node   -513 Jun   08 j 04:22   5°@44'42   1°°05'712   evening set   -514 Jul   08 j 05:56   29°@37'25   evening set   -513 Jun   20 j 08:36   11°@17'12   evening set   -514 Jul   15 j 06:17   27°@23'42   evening set   -513 Jun   26 j 16:18   9°@38'50   evening set   -513 Jun   26 j 16:18   0.59286 AU   inferior conj   -513 Jul   04 j 04:40   4°@27'09   4°41'35   evening minimum elong   -514 Jul   22 j 05:43   21°@44'31   4°22'54   minimum elong   -513 Jul   04 j 05:28   4°@25'37   4°41'34   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -513 Jul   14 j 08:53   29° IL3'31   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -513 Jul   21 j 03:58   29° IL3'31   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -513 Jul   21 j 03:58   3°@101   18°25'47   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -514 Jul   31 j 18:23   16°@34'28   evening max el   -514 Jul   31 j 18:23   18°@54'11   evening max el   -514 Jul   31 j 18:23   evening max el   -514 Jul   31 j   | desc. node       |                     |                     |   | evening max el   | 3                         |                     | 26°12'32       |
| retrograde  |                  | -                   |                     | 27°05'09                                | Č                |                           |                     | 20 12 32       |
| evening set   | •                |                     |                     | 27 03 07                                |                  |                           |                     |                |
| min. Earth dist.         -514 Jul 18 j 21:50         24°Φ40'14         0.61341 AU         min. Earth dist.         -513 Jun 30 j 20:31         7°Φ00'18         0.59286 AU           inferior conj         -514 Jul 22 j 02:01         21°Φ52'42         -4°23'27         inferior conj         -513 Jul 04 j 04:40         4°Φ27'09         -4°41'35           minimum elong         -514 Jul 22 j 05:43         21°Φ44'31         4°22'54         minimum elong         -513 Jul 11 j 20:50         29°£ 6'32         4°41'34           morning rise         -514 Jul 31 j 18:23         16°Φ34'28         morning rise         -513 Jul 11 j 16:07         30°£ II         4°41'34           morning max el         -514 Aug 08 j 06:31         20°Φ32'59         17°59'53         direct         -513 Jul 14 j 08:53         29°£ II 3'53         29°£ II 3'53           asc. node         -514 Aug 08 j 06:31         20°Φ32'59         morning max el         -513 Jul 16 j 23:50         0°Φ         18°25'47           morning set         -514 Aug 15 j 04:09         0°£         morning max el         -513 Jul 22 j 03:38         3°Φ19'01         18°25'47           superior conj         -514 Sep 03 j 00:32         3°ħ 47'20         1°25'08         morning set         -513 Aug 16 j 08:44         16°£ 11'11         1°41'41           max. Earth dist.   | •                | ·                   |                     |   | Č                |                           |                     |                |
| Inferior conj   | _                | -                   |                     | 0.61341 ATT                             | -                |                           |                     | 0.59286 ATT    |
| minimum elong         -514 Jul 22 j 05:43         21°Θ44'31         4°22'54         minimum elong         -513 Jul 04 j 05:28         4°925'37         4°41'34           morning rise         -514 Jul 29 j 06:49         16°Θ59'51         morning rise         -513 Jul 11 j 20:50         29°IJ56'32         2°0 IJ56'32         2°0 IJ56'   |                  | -                   |                     |   |                  |                           |                     |                |
| morning rise         -514 Jul         29 j 06:49         16°S59'51         morning rise         -513 Jul         11 j 20:50         29° II 5632         Lead incided           direct         -514 Jul         31 j 18:23         16°S34'28         -513 Jul         11 j 16:07         30°R II           morning max el         -514 Aug 08 j 06:31         20°S02'59         -513 Jul         14 j 08:53         29° II 34'51           asc. node         -514 Aug 15 j 04:09         0°Ω         morning max el         -513 Jul         16 j 23:50         0°S           morning set         -514 Aug 23 j 17:31         15°Ω11'07         asc. node         -513 Jul         29 i 34'51         18°25'47           superior conj         -514 Aug 31 j 21:04         0°M         morning set         -513 Jul         26 j 03:35         7°S57'35         18°25'47           superior conj         -514 Aug 31 j 21:04         0°M         morning set         -513 Jul         26 j 03:35         7°S57'35         18°25'47           superior conj         -514 Aug 31 j 21:04         0°M         1°25'08         1°25'08         1°25'08         1°21 Aug 07 j 19:48         16°Ω11'11         1°41'41           max. Earth dist.         -514 Sep 16 j 18:51         26°M3'58         max. Earth dist.         -513 Aug 23 j 18:46  |                  | -                   |                     |   |                  |                           |                     |                |
| direct         -514 Jul         31 j 18:23         16°S34'28         -513 Jul         11 j 16:07         30°RII           morning max el         -514 Aug         07 j 18:57         20°S04'02         17°59'53         direct         -513 Jul         14 j 08:53         29°I34'51           asc. node         -514 Aug         08 j 06:31         20°S32'59         morning max el         -513 Jul         16 j 23:50         0°S           -514 Aug         15 j 04:09         0°Ω         morning max el         -513 Jul         22 j 03:58         3°S19'01         18°25'47           morning set         -514 Aug         23 j 17:31         15°Ω11'07         asc. node         -513 Jul         26 j 03:35         7°S57'35           superior conj         -514 Aug         23 j 17:31         15°Ω11'07         morning set         -513 Aug         07 j 06:23         28°S55'41           superior conj         -514 Sep         03 j 00:32         3°M47'20         1°25'08         3°S1 Aug         0°Ω         1°41'41           max. Earth dist.         -514 Sep         10 j 12:58         16°M36'18         1.42180 AU         minimum elong         -513 Aug         16 j 11:10         16°Ω21'28         1°41'34           evening rise         -514 Sep         16 j 18:51         26°M   |                  | ,                   |                     | . 2237                                  |                  | v                         |                     | 1 11 27        |
| morning max el sc. node   | •                | -                   |                     |   | morning risc     | ·                         |                     |                |
| asc. node       -514 Aug 08 j 06:31       20°©32'59       -513 Jul 16 j 23:50       0°©         -514 Aug 15 j 04:09       0°Ω       morning max el       -513 Jul 22 j 03:58       3°©19'01       18°25'47         morning set       -514 Aug 23 j 17:31       15°Ω11'07       asc. node       -513 Jul 26 j 03:35       7°©57'35       7°©57'35         superior conj       -514 Aug 31 j 21:04       0°™       morning set       -513 Aug 07 j 06:23       28°©55'41       -513 Aug 07 j 19:48       0°Ω         superior conj       -514 Sep 03 j 00:32       3°™47'20       1°25'08       superior conj       -513 Aug 16 j 08:44       16°Ω11'11       1°41'41         max. Earth dist.       -514 Sep 10 j 12:58       16°™36'18       1.42180 AU       minimum elong       -513 Aug 16 j 11:10       16°Ω22'28       1°41'34         evening rise       -514 Sep 16 j 18:51       26°™43'58       max. Earth dist.       -513 Aug 23 j 18:46       29°Ω27'31       1.40276 AU         desc. node       -514 Sep 17 j 06:39       27°™30'47       evening rise       -513 Aug 24 j 02:17       0°™         -514 Sep 18 j 20:33       0°™       evening rise       -513 Aug 29 j 05:32       6°™59'58         -514 Oct 09 j 06:28       0°™       desc. node       -513 Sep 11 j 23:13       0°™         <   |                  | -                   |                     | 17°50'53                                | direct           |                           |                     |                |
| morning set  -514 Aug 15 j 04:09  -514 Aug 23 j 17:31  -514 Aug 23 j 17:31  -514 Aug 31 j 21:04  -514 Aug 31 j 21:04  -514 Aug 31 j 21:04  -514 Sep 03 j 00:32  superior conj minimum elong max. Earth dist514 Sep 10 j 12:58  -514 Sep 10 j 12:58  -514 Sep 10 j 12:58  -514 Sep 10 j 16:39  -514 Sep 10 j 16:49  -514 Sep 10      | =                |                     |                     | 17 39 33                                | direct           |                           |                     |                |
| morning set   | asc. Hour        |                     |                     |   | morning may al   |                           |                     | 18025147       |
| -514 Aug 31 j 21:04   0° m   morning set   -513 Aug 07 j 06:23   28° 55'5'41   25'13 Aug 07 j 19:48   0° Ω  |                  |                     |                     |   | •                |                           |                     | 16 23 47       |
| superior conj         -514 Sep 03 j 00:32         3° m/47'20         1°25'08           minimum elong         -514 Sep 03 j 05:03         4° m/07'04         1°24'42         superior conj         -513 Aug 16 j 08:44         16° Ω11'11         1°41'41           max. Earth dist.         -514 Sep 10 j 12:58         16° m/36'18         1.42180 AU         minimum elong         -513 Aug 16 j 08:44         16° Ω11'11         1°41'34           evening rise         -514 Sep 16 j 18:51         26° m/43'58         max. Earth dist.         -513 Aug 23 j 18:46         29° Ω27'31         1.40276 AU           desc. node         -514 Sep 17 j 06:39         27° m/30'47         evening rise         -513 Aug 24 j 02:17         0° m/0           -514 Sep 18 j 20:33         0° m/2         evening rise         -513 Aug 28 j 05:32         6° m/59'58           -514 Oct 09 j 06:28         0° m/2         evening rise         -513 Sep 04 j 03:40         18° m/09'31           evening max el         -514 Oct 19 j 08:24         12° m/14'44         22° 12'30         -513 Sep 11 j 23:13         0° m/2           retrograde         -514 Oct 28 j 19:18         17° m/52'06         evening max el         -513 Oct 01 j 22:42         25° 45'46         23° 32'28   | morning set      |                     |                     |   |                  |                           |                     |                |
| superior conj         -514 Sep 03 j 00:32         3° m/47'20         1°25'08           minimum elong         -514 Sep 03 j 05:03         4° m/07'04         1°24'42         superior conj         -513 Aug 16 j 08:44         16° Ω11'11         1°41'41           max. Earth dist.         -514 Sep 10 j 12:58         16° m/36'18         1.42180 AU         minimum elong         -513 Aug 16 j 11:10         16° Ω2'28         1°41'34           evening rise         -514 Sep 16 j 18:51         26° m/43'58         max. Earth dist.         -513 Aug 23 j 18:46         29° Ω27'31         1.40276 AU           desc. node         -514 Sep 17 j 06:39         27° m/30'47         -513 Aug 24 j 02:17         0° m/0         0° m/0           -514 Sep 18 j 20:33         0° Ω         evening rise         -513 Aug 28 j 05:32         6° m/59'58         -514 Oct 09 j 06:28         0° m/0         desc. node         -513 Sep 04 j 03:40         18° m/09'31         -513 Cep 11 j 23:13         0° Ω         18° m/09'31         -513 Sep 11 j 23:13         0° Ω         2         18° m/09'31         -513 Sep 11 j 23:13         0° Ω         2         18° m/09'31         -513 Sep 11 j 23:13         0° Ω         2         18° m/09'31         -513 Sep 11 j 23:13         0° Ω         2         18° m/09'31         -513 Sep 11 j 23:13         0° Ω         2         2  |                  | -514 Aug 51 J 21:04 | עוו ט               |   | morning set      |                           |                     |                |
| minimum elong   | annari           | 514 9 02 : 00 22    | 20 m. 47120         | 1025100                                 |                  | -515 Aug 0/J 19:48        | 16.0                |                |
| max. Earth dist.  |                  |                     |                     |   | avmani           | 512 A 16:00 44            | 160 0 1 111 1       | 10/11/41       |
| evening rise -514 Sep 16 j 18:51 26° \( \bar{\text{M}}\) 43'58 max. Earth dist513 Aug 23 j 18:46 29° \( \bar{\text{Q}}\) 27'31 1.40276 AU desc. node -514 Sep 17 j 06:39 27° \( \bar{\text{M}}\) 30'47513 Aug 24 j 02:17 0° \( \bar{\text{M}}\) -514 Sep 18 j 20:33 0° \( \bar{\text{L}}\) evening rise -514 Oct 09 j 06:28 0° \( \bar{\text{M}}\) desc. node -513 Sep 04 j 03:40 18° \( \bar{\text{M}}\) 09'31 evening max el -514 Oct 19 j 08:24 12° \( \bar{\text{M}}\) 14'44 22° 12'30 evening max el -513 Oct 01 j 22:42 25° \( \bar{\text{L}}\) 45'46 23° 32'28   | _                |                     |                     |   | 1                |                           |                     |                |
| desc. node  |                  |                     |                     | 1.42180 AU                              | _                |                           |                     |                |
| -514 Sep 18 j 20:33 0° Ω evening rise -513 Aug 28 j 05:32 6° № 59'58  -514 Oct 09 j 06:28 0° № desc. node -513 Sep 04 j 03:40 18° № 09'31  evening max el -514 Oct 19 j 08:24 12° № 14'44 22° 12'30 -513 Sep 11 j 23:13 0° Ω  retrograde -514 Oct 28 j 19:18 17° № 52'06 evening max el -513 Oct 01 j 22:42 25° Ω 45'46 23° 32'28   |                  |                     | -                   |   | max. Earth dist. |                           |                     | 1.402/6 AU     |
| -514 Oct 09 j 06:28 0°M desc. node -513 Sep 04 j 03:40 18°m 09'31 evening max el -514 Oct 19 j 08:24 12°M 14'44 22°12'30 -513 Sep 11 j 23:13 0°Ω retrograde -514 Oct 28 j 19:18 17°M 52'06 evening max el -513 Oct 01 j 22:42 25°Ω 45'46 23°32'28   | desc. node       |                     |                     |   |                  |                           |                     |                |
| evening max el -514 Oct 19 j 08:24 12°M14'44 22°12'30 -513 Sep 11 j 23:13 0°Ω retrograde -514 Oct 28 j 19:18 17°M52'06 evening max el -513 Oct 01 j 22:42 25°Ω45'46 23°32'28  |                  |                     |                     |   | -                |                           |                     |                |
| retrograde -514 Oct 28 j 19:18 17° <b>11.</b> 52'06 evening max el -513 Oct 01 j 22:42 25° <b>2</b> .45'46 23° 32'28  |                  |                     |                     | 22012120                                | desc. node       |                           |                     |                |
|   | •                | ·                   |                     | 22°12'30                                |                  |                           |                     | 22022:25       |
| evening set -514 Nov 02 j 06:41 16° IL 04'39 -513 Oct 06 j 22:54 0° IL  | -                | •                   |                     |   | evening max el   |                           |                     | 23°32'28       |
|   | evening set      | -514 Nov 02 j 06:41 | 16°11L04'39         |   |                  | -513 Oct 06 j 22:54       | OallP               |                |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 208 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: T                 | he year -900 in     | astronomical cou | nting style is the year | 901 BCE in historical cou | inting style.           |            |
|---------------------|--|---------------------|------------------|-------------------------|---------------------------|-------------------------|------------|
| retrograde          | -513 Oct 12 j 12:10                        | 1°M59'53            |                  |                         | -512 Aug 15 j 13:29       | 0° <b>™</b>             |            |
|                     | -513 Oct 17 j 10:24                        | 30° <b>ŖΩ</b>       |                  | desc. node              | -512 Aug 21 j 00:42       | 8°M 38'23               |            |
| evening set         | -513 Oct 17 j 13:11                        | 29° <b>≙</b> 54'11  |                  |                         | -512 Sep 05 j 05:25       | 0∘ <b>ত</b>             |            |
| asc. node           | -513 Oct 22 j 02:47                        | 24° <b>≙</b> 37'59  |                  | evening max el          | -512 Sep 13 j 10:32       | 9° <b>ഫ</b> 20′20       | 24°50'54   |
| inferior conj       | -513 Oct 22 j 21:51                        | 23° <b>≙</b> 32'53  | 0°16'27          | retrograde              | -512 Sep 25 j 01:06       | 16° <b>≏</b> 05′27      |            |
| minimum elong       | -513 Oct 22 j 21:28                        | 23° <b>≙</b> 34'14  | 0°16'16          | evening set             | -512 Sep 30 j 16:47       | 13° <b>≏</b> 42'05      |            |
| transit middle      | -513 Oct 22 j 21:28                        | 23° <b>≙</b> 34'14  | 0°16'16          | min. Earth dist.        | -512 Oct 05 j 06:24       | 8° <b>≏</b> 30'38       | 0.67262 AU |
| transit begin       | -513 Oct 22 j 21:17                        | 23° <b>≙</b> 34'50  |                  | inferior conj           | -512 Oct 06 j 03:18       | 7° <b>≏</b> 21'28       | -0°38'21   |
| transit end         | -513 Oct 22 j 21:39                        | 23° <b>≏</b> 33'37  |                  | minimum elong           | -512 Oct 06 j 04:15       | 7° <b>£</b> 18′20       | 0°37'57    |
| min. Earth dist.    | -513 Oct 22 j 11:31                        | 24° <b>≙</b> 08'13  | 0.67594 AU       | asc. node               | -512 Oct 07 j 23:48       | 4° <b>£</b> 57'58       |            |
| morning rise        | -513 Oct 28 j 05:40                        | 17° <b>≏</b> 24'20  |                  | morning rise            | -512 Oct 11 j 15:48       | 1° <b>≏</b> 19'30       |            |
| direct              | -513 Nov 01 j 08:33                        | 15° <b>≏</b> 49'14  |                  | direct                  | -512 Oct 15 j 06:19       | 0° <b>ჲ</b> 04'35       |            |
| morning max el      | -513 Nov 09 j 19:48                        | 20° <b>≏</b> 46'14  | 21°07'42         | morning max el          | -512 Oct 22 j 19:56       | 4° <b>£</b> 25′03       | 19°57'20   |
|                     | -513 Nov 17 j 12:05                        | 0° <b>M</b>         |                  |                         | -512 Nov 10 j 10:38       | $0^{\circ}$ M           |            |
| desc. node          | -513 Dec 01 j 02:56                        | 19°M35'16           |                  | desc. node              | -512 Nov 16 j 23:57       | 10°M02'19               |            |
|                     | -513 Dec 07 j 22:27                        | 0° <b>∡</b>         |                  | morning set             | -512 Nov 18 j 01:01       | 11°M39'06               |            |
| morning set         | -513 Dec 10 j 04:25                        | 3° <b>∡</b> ³30′27  |                  | max. Earth dist.        | -512 Nov 29 j 13:37       | 29°M43'30               | 1.43989 AU |
| max. Earth dist.    | -513 Dec 18 j 02:45                        | 16° <b>∡</b> 11'49  | 1.42500 AU       |                         | -512 Nov 29 j 17:45       | 0°⊀                     |            |
|                     |  |                     |                  |                         |                           |                         |            |
| superior conj       | -513 Dec 25 j 06:10                        | 28° <b>∡</b> ¹07'15 | -1°58'13         | superior conj           | -512 Dec 04 j 14:33       | 7° <b>∡</b> 750′19      | -1°39'29   |
| minimum elong       | -513 Dec 25 j 03:20                        | 27° <b>∡</b> 755′10 | 1°58'06          | minimum elong           | -512 Dec 04 j 07:17       | 7° <b>∡</b> ¹20'48      | 1°38'54    |
|                     | -513 Dec 26 j 08:31                        | 0°ರ                 |                  | evening rise            | -512 Dec 17 j 21:21       | 00,£02,00               |            |
| evening rise        | -512 Jan 05 j 17:30                        | 18° <b>ろ</b> 19'08  |                  |                         | -512 Dec 17 j 20:39       | 8°0                     |            |
|                     | -512 Jan 12 j 06:54                        | 0° <b>≈</b>         |                  | asc. node               | -511 Jan 03 j 23:07       | 26° <b>ප</b> 55'10      |            |
| asc. node           | -512 Jan 18 j 02:07                        | 9° <b>≈</b> 21'03   |                  | evening max el          | -511 Jan 05 j 00:38       | 28° <b>る</b> 03'32      | 18°14'28   |
| evening max el      | -512 Jan 22 j 12:12                        | 14° <b>≈</b> 48'16  | 18°07'53         |                         | -511 Jan 07 j 06:36       | 0° <b>≈</b>             |            |
| retrograde          | -512 Jan 29 j 04:03                        | 18° <b>≈</b> 13'46  |                  | retrograde              | -511 Jan 11 j 12:29       | 1°≈32'35                |            |
| evening set         | -512 Jan 31 j 21:00                        | 17° <b>≈</b> 39'56  |                  | evening set             | -511 Jan 14 j 09:44       | 0°≈49'07                |            |
| inferior conj       | -512 Feb 07 j 11:03                        | 12° <b>≈</b> 40'05  | 3°50'07          | Ü                       | -511 Jan 15 j 18:30       | 30°Rる                   |            |
| minimum elong       | -512 Feb 07 j 11:51                        | 12° <b>≈</b> 38'10  | 3°50'04          | inferior conj           | -511 Jan 20 j 13:02       | 25° <b>る</b> 29'06      | 3°48'59    |
| min. Earth dist.    | -512 Feb 10 j 13:20                        | 9° <b>≈</b> 41'07   | 0.61349 AU       | minimum elong           | -511 Jan 20 j 11:51       | 25° <b>る</b> 32'21      | 3°48'53    |
| morning rise        | -512 Feb 14 j 01:17                        | 6°≈50'09            |                  | min. Earth dist.        | -511 Jan 23 j 01:30       | 22° <b>る</b> 44'27      | 0.63277 AU |
| direct              | -512 Feb 20 j 22:42                        | 4°≈28'11            |                  | morning rise            | -511 Jan 26 j 13:13       | 19° <b>る</b> 28'30      |            |
| desc. node          | -512 Feb 27 j 02:09                        | 6°≈08'27            |                  | direct                  | -511 Feb 02 j 13:10       | 16° <b>る</b> 43'59      |            |
| morning max el      | -512 Mar 06 j 01:52                        | 12°≈17'16           | 27°42'24         | desc. node              | -511 Feb 12 j 23:10       | 21° <b>る</b> 28'35      |            |
| morning max cr      | -512 Mar 20 j 02:45                        | 0° <b>\</b>         | 2/ 4224          | morning max el          | -511 Feb 16 j 08:59       | 24°る34'54               | 27042112   |
|                     | -512 Apr 06 j 04:55                        | 0° <b>Υ</b>         |                  | morning max cr          | -511 Feb 21 j 07:35       | 0°≈                     | 2/ 4212    |
| morning set         | -512 Apr 00 j 04:33                        | 3° <b>Υ</b> 10'28   |                  |                         | -511 Mar 13 j 11:32       | 0° <b>∺</b>             |            |
| max. Earth dist.    | -512 Apr 07 j 18.27<br>-512 Apr 13 j 19:26 |                     | 1.32511 AU       | morning set             | -511 Mar 22 j 17:51       | 17° <b>)</b> 24'44      |            |
| max. Earm dist.     | -312 Apr 13 J 19.20                        | 13   3631           | 1.32311 AU       | •                       | -                         |                         | 1.33046 AU |
| superior conj       | 512 Apr. 15 : 01:40                        | 18° <b>Ƴ</b> 44'14  | 0°00'10          | max. Earth dist.        | -511 Mar 28 j 01:47       | 28 π2430<br>0° <b>Υ</b> | 1.33040 AU |
| 1 3                 | -512 Apr 15 j 01:49                        |                     |                  |                         | -511 Mar 28 j 19:42       | U- Y                    |            |
| minimum elong       | -512 Apr 15 j 01:48                        | 18° <b>Y</b> 44'10  | 0°00'11          |                         | 511.M 20:10.00            | 200025102               | 0026120    |
| behind sun begin    | -512 Apr 14 j 20:44                        | 18° <b>Y</b> 16'32  |                  | superior conj           | -511 Mar 30 j 10:00       | 3°Υ25'02                |            |
| behind sun end      | -512 Apr 15 j 06:52                        | 19° <b>Y</b> 11'48  |                  | minimum elong           | -511 Mar 30 j 11:15       |                         | 0°26'03    |
| asc. node           | -512 Apr 15 j 01:26                        | 18° <b>Y</b> 42'09  |                  | asc. node               | -511 Apr 01 j 22:27       | 8°Υ51'13                |            |
|                     | -512 Apr 20 j 05:56                        | 0.8                 |                  | evening rise            | -511 Apr 06 j 11:54       | 18° <b>Ƴ</b> 37'51      |            |
| evening rise        | -512 Apr 22 j 00:08                        | 3° <b>8</b> 45'12   |                  |                         | -511 Apr 12 j 02:42       | 0°8                     | 22212122   |
|                     | -512 May 06 j 03:16                        | 0°II                |                  | evening max el          | -511 Apr 29 j 15:31       | 25° <b>8</b> 41'22      | 23°19'29   |
| evening max el      | -512 May 18 j 00:57                        | 15° <b>Ⅱ</b> 05'01  | 24°53'11         |                         | -511 May 05 j 03:18       | 0°II                    |            |
| desc. node          | -512 May 25 j 01:23                        | 20° <b>Ⅱ</b> 19'48  |                  | desc. node              | -511 May 11 j 22:25       | 2° <b>Ⅲ</b> 22'55       |            |
| retrograde          | -512 Jun 01 j 00:35                        | 22° <b>Ⅱ</b> 10'44  |                  | retrograde              | -511 May 13 j 04:21       | 2° <b>I</b> I26'27      |            |
| evening set         | -512 Jun 06 j 03:23                        | 21° <b>Ⅱ</b> 11'02  |                  | evening set             | -511 May 16 j 20:31       | 1° <b>Ⅱ</b> 56'47       |            |
| min. Earth dist.    | -512 Jun 11 j 12:31                        | 18° <b>Ⅱ</b> 20′24  | 0.57332 AU       |                         | -511 May 21 j 16:10       | 30° <b>₹</b> 8          |            |
| inferior conj       | -512 Jun 14 j 11:58                        | 16° <b>Ⅱ</b> 22'08  |                  | min. Earth dist.        | -511 May 24 j 01:35       |                         | 0.55812 AU |
| minimum elong       | -512 Jun 14 j 08:17                        | 16° <b>Ⅱ</b> 28'18  | 4°29'07          | inferior conj           | -511 May 25 j 23:21       | 27° <b>8</b> 32'48      |            |
| morning rise        | -512 Jun 22 j 15:57                        | 12° <b>Ⅱ</b> 12'44  |                  | minimum elong           | -511 May 25 j 16:22       | 27° <b>8</b> 43'08      | 3°33'47    |
| direct              | -512 Jun 25 j 05:43                        | 11° <b>Ⅱ</b> 53'41  |                  | morning rise            | -511 Jun 03 j 14:58       | 23° <b>8</b> 37'22      |            |
| morning max el      | -512 Jul 04 j 05:14                        | 16° <b>Ⅱ</b> 04'56  | 19°12'27         | direct                  | -511 Jun 06 j 07:15       | 23° <b>8</b> 19'53      |            |
| asc. node           | -512 Jul 12 j 00:38                        | 26° <b>Ⅱ</b> 12'45  |                  | morning max el          | -511 Jun 16 j 20:20       | 28° <b>8</b> 12'35      | 20°19'56   |
|                     | -512 Jul 14 j 06:20                        | 0°€                 |                  |                         | -511 Jun 18 j 15:12       | $\Pi$ °0                |            |
| morning set         | -512 Jul 21 j 04:44                        | 13° <b>©</b> 09'33  |                  | asc. node               | -511 Jun 28 j 21:40       | 15° <b>Ⅱ</b> 05'58      |            |
|                     |  |                     |                  | morning set             | -511 Jul 05 j 09:32       | 27° <b>Ⅱ</b> 43'48      |            |
| superior conj       | -512 Jul 29 j 10:56                        | 29° <b>5</b> 30'08  | 1°47'24          |                         | -511 Jul 06 j 12:12       | $0$ $\circ$ $\odot$     |            |
| minimum elong       | -512 Jul 29 j 11:14                        | 29° <b>5</b> 31'34  | 1°47'24          |                         |                           |                         |            |
| -                   | -512 Jul 29 j 17:06                        | $0^{\circ}\Omega$   |                  | superior conj           | -511 Jul 13 j 02:01       | 13° <b>©</b> 28'36      | 1°44'32    |
| max. Earth dist.    | -512 Aug 04 j 21:59                        | 11° <b>Ω</b> 39'51  | 1.38266 AU       | minimum elong           | -511 Jul 13 j 00:43       | 13°522'01               | 1°44'28    |
| evening rise        | -512 Aug 08 j 17:18                        | 18° <b>Ω</b> 27'33  |                  | max. Earth dist.        | -511 Jul 18 j 03:31       | 23° <b>5</b> 29'03      | 1.36395 AU |
| -                   |  |                     |                  |                         | ý                         |                         |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 209 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            |  | •  | astronomical cou | nting style is the year  | 901 BCE in historical cou                  |  |              |
|--------------------------------|--|--|------------------|--------------------------|--|--|--------------|
|                                | -511 Jul 21 j 14:17                        | $0^{\circ}\Omega$                        |                  |                          | -510 Jun 28 j 02:05                        | $0$ $\circ$ $60$                         |              |
| evening rise                   | -511 Jul 22 j 03:09                        | 0° <b>Ω</b> 59'18                        |                  | max. Earth dist.         | -510 Jun 30 j 16:58                        | 5° <b>©</b> 22'51                        | 1.34841 AU   |
| desc. node                     | -511 Aug 07 j 21:45                        | 28° <b>Ω</b> 51'10                       |                  | evening rise             | -510 Jul 05 j 06:12                        | 14° <b>©</b> 22'43                       |              |
|                                | -511 Aug 08 j 16:19                        | 0° <b>m</b>                              |                  |                          | -510 Jul 13 j 20:43                        | $0$ $^{\circ}\Omega$                     |              |
| evening max el                 | -511 Aug 26 j 21:50                        | 22° m/56'05                              | 26°00'30         | desc. node               | -510 Jul 25 j 18:46                        | 18° <b>Ω</b> 40'36                       |              |
|                                | -511 Sep 07 j 11:52                        | 0∘ <b>⊽</b>                              |                  |                          | -510 Aug 03 j 10:05                        | 0° <b>m</b>                              |              |
| retrograde                     | -511 Sep 08 j 09:29                        | 0° <b>ჲ</b> 02'56                        |                  | evening max el           | -510 Aug 09 j 09:38                        | 6° My 27'52                              | 26°53'23     |
|                                | -511 Sep 09 j 06:41                        | 30°R, Mp                                 |                  | retrograde               | -510 Aug 22 j 12:44                        | 13° <b>m</b> 45'34                       |              |
| evening set                    | -511 Sep 14 j 15:35                        | 27° m/25'12                              | 0.66500 411      | evening set              | -510 Aug 29 j 07:21                        | 11° Mp 00'05                             | 0.65571.411  |
| min. Earth dist.               | -511 Sep 18 j 21:14                        |  | 0.66592 AU       | min. Earth dist.         | -510 Sep 02 j 05:42                        |  | 0.65571 AU   |
| inferior conj                  | -511 Sep 20 j 05:26                        | 21° mp 09'03<br>21° mp 01'37             |                  | inferior conj            | -510 Sep 04 j 02:14<br>-510 Sep 04 j 05:55 | 4° ፞፞ዂ 52'19<br>4° ዀ 41'36               |              |
| minimum elong asc. node        | -511 Sep 20 j 07:48<br>-511 Sep 24 j 20:50 | 16° Mp 05'10                             | 1 33 09          | minimum elong            | -510 Sep 04 j 05:35<br>-510 Sep 08 j 22:32 | 4 11/41 30<br>30°RΩ                      | 2 2131       |
| morning rise                   | -511 Sep 26 j 00:18                        | 15° Mp 16'32                             |                  | morning rise             | -510 Sep 10 j 05:02                        | 29° <b>Ω</b> 12'13                       |              |
| direct                         | -511 Sep 29 j 04:37                        | 14° m) 18'28                             |                  | asc. node                | -510 Sep 11 j 17:54                        | 28°Ω36'55                                |              |
| morning max el                 | -511 Oct 06 j 03:15                        | 18° Mp 12'20                             | 19°01'24         | direct                   | -510 Sep 13 j 01:32                        | 28° <b>Ω</b> 27'17                       |              |
| morning max or                 | -511 Oct 15 j 04:07                        | 0∘ <b>⊽</b>                              | 17 0121          | uncet                    | -510 Sep 17 j 06:35                        | 0°m                                      |              |
| morning set                    | -511 Oct 28 j 09:58                        | 20° <b>₽</b> 31'05                       |                  | morning max el           | -510 Sep 19 j 15:49                        | 2° m 03'37                               | 18°21'30     |
|                                | -511 Nov 03 j 10:55                        | 0°M                                      |                  |                          | -510 Oct 08 j 11:03                        | 0∘ <b>⊽</b>                              |              |
| desc. node                     | -511 Nov 03 j 21:01                        | 0° <b>M</b> 39'37                        |                  | morning set              | -510 Oct 08 j 21:56                        | 0° <b>£</b> 44'23                        |              |
| max. Earth dist.               | -511 Nov 12 j 05:41                        | 13° <b>™</b> 47'34                       | 1.44839 AU       | desc. node               | -510 Oct 21 j 18:04                        | 21° <b>≏</b> 23'02                       |              |
|                                | , <b>,</b>                                 |  |                  |                          | <b>,</b>                                   |  |              |
| superior conj                  | -511 Nov 13 j 23:08                        | 16° <b>™</b> 30'59                       | -1°02'49         | superior conj            | -510 Oct 23 j 23:41                        | 24° <b>≙</b> 55'05                       | -0°14'36     |
| minimum elong                  | -511 Nov 13 j 15:42                        | 16°Mo1'40                                | 1°01'57          | minimum elong            | -510 Oct 23 j 21:47                        | 24° <b>≏</b> 47'31                       | 0°14'20      |
|                                | -511 Nov 22 j 10:30                        | 0° <b>∡</b> ¹                            |                  | behind sun begin         | -510 Oct 23 j 16:26                        | 24° <b>≏</b> 26'24                       |              |
| evening rise                   | -511 Nov 29 j 03:06                        | 10° <b>∡</b> ¹49'48                      |                  | behind sun end           | -510 Oct 24 j 03:08                        | 25° <b>ჲ</b> 08'38                       |              |
|                                | -511 Dec 11 j 00:05                        | ರ∘ರ                                      |                  | max. Earth dist.         | -510 Oct 26 j 00:04                        | 28° <b>≏</b> 05'40                       | 1.44967 AU   |
| evening max el                 | -511 Dec 19 j 12:23                        | 11° <b>る</b> 27'00                       | 18°39'28         |                          | -510 Oct 27 j 05:08                        | $0^{\circ}$ M                            |              |
| asc. node                      | -511 Dec 21 j 20:08                        | 13° <b>る</b> 30'24                       |                  | evening rise             | -510 Nov 09 j 08:54                        | $20^{\circ}$ M $_37'15$                  |              |
| retrograde                     | -511 Dec 26 j 04:29                        | 15° <b>る</b> 10'28                       |                  |                          | -510 Nov 15 j 08:34                        | 0°⊀                                      |              |
| evening set                    | -511 Dec 29 j 06:52                        | 14° <b>る</b> 16'13                       |                  | greatest brilliancy      | -510 Nov 20 j 05:09                        | 7° <b>≯</b> 32'38                        |              |
| inferior conj                  | -510 Jan 04 j 02:22                        | 8° <b>ろ</b> 38'19                        | 3°31'06          | evening max el           | -510 Dec 02 j 21:09                        | 24° <b>₹</b> 54'05                       | 19°21'37     |
| minimum elong                  | -510 Jan 03 j 23:59                        | 8° <b>る</b> 45'29                        | 3°30'42          | asc. node                | -510 Dec 08 j 17:10                        | 28° <b>₹</b> 51'24                       |              |
| min. Earth dist.               | -510 Jan 05 j 23:35                        | 6° <b>る</b> 22'41                        | 0.64889 AU       | retrograde               | -510 Dec 10 j 00:34                        | 29° <b>₰</b> 00'58                       |              |
| morning rise                   | -510 Jan 09 j 16:40                        | 2° <b>る</b> 31'03                        |                  | evening set              | -510 Dec 13 j 09:41                        | 27° <b>₹</b> 54'18                       |              |
|                                | -510 Jan 14 j 00:41                        | 30°₹ <b>⋌</b> ¹                          |                  | inferior conj            | -510 Dec 18 j 23:42                        | 22° <b>×</b> 701'07                      |              |
| direct                         | -510 Jan 16 j 10:56                        | 29° <b>∡</b> 38'40                       |                  | minimum elong            | -510 Dec 18 j 20:52                        | 22° <b>√</b> 10'14                       |              |
|                                | -510 Jan 18 j 23:53                        | 0°る                                      | 27007147         | min. Earth dist.         | -510 Dec 20 j 06:25                        |  | 0.66126 AU   |
| morning max el                 | -510 Jan 29 j 18:33                        | 7°る23'01<br>8°る28'38                     | 2/0/4/           | morning rise             | -510 Dec 24 j 07:47                        | 15° 🖈 49'48                              |              |
| desc. node                     | -510 Jan 30 j 20:12<br>-510 Feb 16 j 07:17 | 8° <b>⊙</b> 2838<br>0° <b>≈</b>          |                  | direct<br>morning max el | -510 Dec 30 j 14:54<br>-509 Jan 12 j 03:57 | 13° <b>尽</b> 03'10<br>20° <b>尽</b> 28'00 | 26°06'08     |
|                                | -510 Mar 05 j 18:03                        | 0 <b>≈</b><br>0° <b>∀</b>                |                  | desc. node               | -509 Jan 17 j 17:15                        | 26° <b>₹</b> 39'08                       | 20 00 08     |
| morning set                    | -510 Mar 06 j 08:03                        | 1° <b>∺</b> 07'31                        |                  | desc. node               | -509 Jan 20 j 09:43                        | 20 x 3908                                |              |
| max. Earth dist.               | -510 Mar 10 j 22:55                        |  | 1.34006 AU       |                          | -509 Feb 09 j 10:27                        | 0°≈                                      |              |
| max. Earth dist.               | 510 Mai 10 j 22.55                         | 10 /(10 42                               | 1.54000 / 10     | morning set              | -509 Feb 17 j 08:56                        | 14°≈05'25                                |              |
| superior conj                  | -510 Mar 14 j 13:37                        | 17° <b>){</b> 47'40                      | -0°52'50         | max. Earth dist.         | -509 Feb 21 j 08:06                        | 21° <b>≈</b> 37'14                       | 1.35424 AU   |
| minimum elong                  | -510 Mar 14 j 16:06                        | 18° <b>)</b> €00'47                      |                  |                          | -509 Feb 25 j 13:37                        | 0° <b>)</b> €                            |              |
| asc. node                      | -510 Mar 19 j 19:30                        | 28° <b>)</b> 53′55                       |                  |                          | <i>y</i>                                   |  |              |
|                                | -510 Mar 20 j 08:00                        | $0^{\circ}$ $\Upsilon$                   |                  | superior conj            | -509 Feb 26 j 10:10                        | 1° <b>)</b> 44′03                        | -1°17'58     |
| evening rise                   | -510 Mar 21 j 22:26                        | 3° <b>Y</b> 21'49                        |                  | minimum elong            | -509 Feb 26 j 13:39                        | 2° <b>)</b> 01'41                        | 1°17'26      |
|                                | -510 Apr 05 j 22:06                        | 0° <b>႘</b>                              |                  | evening rise             | -509 Mar 06 j 05:46                        | 17° <b>)</b> 49′56                       |              |
| evening max el                 | -510 Apr 11 j 10:30                        | 6° <b>8</b> 23'27                        | 21°46'15         | asc. node                | -509 Mar 06 j 16:32                        | 18° <b>)</b> 45′01                       |              |
| retrograde                     | -510 Apr 23 j 21:08                        | 12° <b>8</b> 27'39                       |                  |                          | -509 Mar 12 j 10:14                        | $0^{\circ}\mathbf{\Upsilon}$             |              |
| evening set                    | -510 Apr 26 j 10:37                        | 12° <b>8</b> 12'55                       |                  | evening max el           | -509 Mar 24 j 15:20                        | 17° <b>Y</b> 34'43                       | 20°24'43     |
| desc. node                     | -510 Apr 28 j 19:25                        | 11° <b>8</b> 35'01                       |                  | retrograde               | -509 Apr 04 j 10:33                        | 22° <b>Y</b> 45'44                       |              |
| inferior conj                  | -510 May 05 j 20:30                        | 8° <b>8</b> 09'29                        |                  | evening set              | -509 Apr 06 j 14:02                        | 22° <b>Y</b> 34'20                       |              |
| minimum elong                  | -510 May 05 j 15:09                        | 8° <b>8</b> 17'00                        | 1°56'36          | inferior conj            | -509 Apr 15 j 15:57                        | 18° <b>Ƴ</b> 36'39                       | 0°00'21      |
| min. Earth dist.               | -510 May 05 j 14:39                        | 8° <b>8</b> 17'42                        | 0.55055 AU       | minimum elong            | -509 Apr 15 j 15:58                        | 18° <b>Ƴ</b> 36'37                       | 0°00'21      |
| morning rise                   | -510 May 14 j 20:41                        | 4° <b>8</b> 12'15                        |                  | transit middle           | -509 Apr 15 j 15:58                        | 18° <b>Ƴ</b> 36'37                       | 0°00'21      |
| direct                         | -510 May 17 j 19:38                        | 3° <b>8</b> 52'57                        |                  | transit begin            | -509 Apr 15 j 11:56                        | 18° <b>Y</b> 42'32                       |              |
| morning max el                 | -510 May 30 j 00:26                        | 9° <b>8</b> 37'54                        | 21°46'00         | transit end              | -509 Apr 15 j 20:01                        | 18° <b>Y</b> 30'42                       |              |
|                                | -510 Jun 13 j 10:24                        | 0°II                                     |                  | desc. node               | -509 Apr 15 j 16:27                        | 18° <b>Y</b> 35'55                       | 0.55244 : *- |
| asc. node                      | -510 Jun 15 j 18:45                        | 4° <b>Ⅱ</b> 28'01                        |                  | min. Earth dist.         | -509 Apr 17 j 04:24                        | 17° <b>Υ</b> 43'25                       | 0.55244 AU   |
| morning set                    | -510 Jun 19 j 18:35                        | 12° <b>Ⅱ</b> 32'12                       |                  | morning rise             | -509 Apr 24 j 16:27                        | 14° <b>Υ</b> 19'14                       |              |
| aumani :                       | 510 June 27:02.00                          | 270T 55102                               | 1024150          | direct                   | -509 Apr 28 j 07:58                        | 13°Y50'17                                | 22024122     |
| superior conj<br>minimum elong | -510 Jun 27 j 02:06<br>-510 Jun 26 j 23:52 | 27° <b>Ⅱ</b> 55'02<br>27° <b>Ⅱ</b> 43'25 |                  | morning max el           | -509 May 11 j 19:17<br>-509 May 19 j 21:45 | 20° <b>Y</b> 25'36<br>0° <b>と</b>        | 25 24 55     |
| mmmum ciong                    | 510 Juli 20 J 25.32                        | 41 <b>4</b> 343                          | 1 77 70          |                          | 507 way 17 J 21.43                         | v O                                      |              |

| 5                              | ,  |  | •                  | //                             | 901 BCE in historical cou                  | , ,  | 50 210     |
|--------------------------------|--|--|--------------------|--------------------------------|--|--|------------|
| asc. node                      | -509 Jun 02 j 15:50                        | 24° <b>8</b> 11'01                               |                    | morning max el                 | -508 Apr 22 j 09:57                        | 0° <b>Υ</b> 55'52                                | 25°03'59   |
| morning set                    | -509 Jun 04 j 05:58                        | 27° <b>8</b> 29'05                               |                    |                                | -508 May 12 j 12:46                        | 0°8  |            |
|                                | -509 Jun 05 j 10:34                        | $\Pi$ $^{\circ}0$                                |                    | morning set                    | -508 May 18 j 17:58                        | 12° <b>8</b> 28'26                               |            |
|                                |  |  |                    | asc. node                      | -508 May 19 j 12:53                        | 14° <b>8</b> 08'29                               |            |
| superior conj                  | -509 Jun 11 j 08:11                        | 12° <b>Ⅱ</b> 40′05                               | 1°20'12            |                                |  |  |            |
| minimum elong                  | -509 Jun 11 j 05:40                        | 12° <b>Ⅱ</b> 26'35                               |                    | superior conj                  | -508 May 25 j 17:57                        | 27° <b>8</b> 35'48                               | 1°01'23    |
| max. Earth dist.               | -509 Jun 13 j 16:20                        |  | 1.33665 AU         | minimum elong                  | -508 May 25 j 15:40                        | 27° <b>8</b> 23'19                               | 1°00'59    |
| evening rise                   | -509 Jun 18 j 21:52                        | 28° <b>Ⅱ</b> 24'32                               |                    |                                | -508 May 26 j 20:28                        | 0°Π  |            |
|                                | -509 Jun 19 j 17:07                        | 0°©  |                    | max. Earth dist.               | -508 May 26 j 23:42                        | 0° <b>Ⅱ</b> 17'31                                | 1.32871 AU |
|                                | -509 Jul 07 j 00:45                        | 0° <b>Ω</b>                                      |                    | evening rise                   | -508 Jun 01 j 22:22                        | 12° <b>∏</b> 52'46                               |            |
| desc. node                     | -509 Jul 12 j 15:47                        | 7° <b>Ω</b> 57'00<br>19° <b>Ω</b> 45'48          | 27922100           | JJ.                            | -508 Jun 10 j 20:38                        | 0°ഇ<br>26° <b>ഇ</b> 25'59                        |            |
| evening max el                 | -509 Jul 22 j 21:08<br>-509 Aug 05 j 10:14 | 19° <b>δ</b> (45°48)<br>27° <b>Ω</b> 05'46       | 27-2209            | desc. node                     | -508 Jun 28 j 12:49<br>-508 Jul 01 j 16:23 | 26° <b>£</b> 25'39                               |            |
| retrograde<br>evening set      | -509 Aug 03 j 10:14<br>-509 Aug 12 j 13:14 | 24° <b>Ω</b> 22'27                               |                    | evening max el                 | -508 Jul 01 j 10:23                        |  | 27°20'47   |
| min. Earth dist.               | -509 Aug 12 j 15:14<br>-509 Aug 16 j 05:42 |  | 0.64190 AU         | retrograde                     | -508 Jul 18 j 01:10                        | 9° <b>Ω</b> 53'54                                | 27 20 47   |
| inferior conj                  | -509 Aug 18 j 15:23                        | $18^{\circ}\Omega 26'50$                         |                    | evening set                    | -508 Jul 25 j 05:34                        | 7° <b>Ω</b> 25'23                                |            |
| minimum elong                  | -509 Aug 18 j 19:55                        | 18° <b>Ω</b> 14'46                               |                    | min. Earth dist.               | -508 Jul 28 j 19:28                        |  | 0.62466 AU |
| morning rise                   | -509 Aug 25 j 03:27                        | 13° <b>Ω</b> 02'28                               |                    | inferior conj                  | -508 Jul 31 j 17:51                        | 1° <b>Ω</b> 44'59                                |            |
| direct                         | -509 Aug 27 j 18:40                        | 12° <b>Ω</b> 27'10                               |                    | minimum elong                  | -508 Jul 31 j 22:18                        | 1° <b>Ω</b> 34'25                                |            |
| asc. node                      | -509 Aug 29 j 15:00                        | 12° <b>Ω</b> 44'42                               |                    | _                              | -508 Aug 02 j 15:18                        | 30° <b>₹</b> 5                                   |            |
| morning max el                 | -509 Sep 03 j 07:09                        | 15° <b>Ω</b> 54'06                               | 17°58'45           | morning rise                   | -508 Aug 07 j 16:18                        | 26° <b>©</b> 39'50                               |            |
|                                | -509 Sep 13 j 07:10                        | 0° <b>™</b>                                      |                    | direct                         | -508 Aug 10 j 04:41                        | 26° <b>©</b> 11'21                               |            |
| morning set                    | -509 Sep 20 j 13:30                        | 12° <b>m</b> ) 18'10                             |                    | asc. node                      | -508 Aug 15 j 12:05                        | 28° <b>5</b> 20'38                               |            |
|                                | -509 Oct 01 j 02:30                        | 0∘ <b>亚</b>                                      |                    | morning max el                 | -508 Aug 16 j 22:23                        | 29° <b>5</b> 37'02                               | 17°54'02   |
|                                |  |  |                    |                                | -508 Aug 17 j 07:31                        | $0$ $^{\circ}\Omega$                             |            |
| superior conj                  | -509 Oct 03 j 14:11                        | 4° <b>Ω</b> 03'43                                |                    | morning set                    | -508 Sep 02 j 02:59                        | 24° <b>Ω</b> 54'40                               |            |
| minimum elong                  | -509 Oct 03 j 17:46                        | 4° <b>£</b> 18'14                                |                    |                                | -508 Sep 04 j 23:19                        | 0° <b>™</b>                                      |            |
| max. Earth dist.               | -509 Oct 08 j 17:59                        | 12° <b>Ω</b> 21'05                               | 1.44372 AU         |                                | 500 0 10:05 00                             | 1.40 *** 2.012.2                                 | 1000151    |
| desc. node                     | -509 Oct 08 j 15:06                        | 12° <b>Ω</b> 09'37                               |                    | superior conj                  | -508 Sep 13 j 07:00                        |  | 1°09'51    |
| evening rise                   | -509 Oct 19 j 20:06                        | 29° <b>Ω</b> 41'23                               |                    | minimum elong                  | -508 Sep 13 j 12:06                        | -  | 1°09'16    |
|                                | -509 Oct 20 j 00:56<br>-509 Nov 09 j 05:06 | 0° <b>M</b><br>0°⊀                               |                    | max. Earth dist.               | -508 Sep 20 j 08:30<br>-508 Sep 22 j 16:07 | 26° Mp 15'17<br>0° <u>₽</u>                      | 1.43129 AU |
| evening max el                 | -509 Nov 16 j 01:08                        | 8° <b>∡</b> ¹22'36                               | 20°18'53           | desc. node                     | -508 Sep 24 j 12:08                        | 0 <b>=</b><br>2° <b>£</b> 55'44                  |            |
| retrograde                     | -509 Nov 23 j 22:08                        | 13°×700'36                                       | 20 1033            | evening rise                   | -508 Sep 28 j 03:25                        | 8° <b>₽</b> 39'12                                |            |
| asc. node                      | -509 Nov 25 j 14:13                        | 12° <b>✓</b> 44'40                               |                    | evening rise                   | -508 Oct 12 j 07:00                        | 0° <b>™</b>                                      |            |
| evening set                    | -509 Nov 27 j 15:55                        | 11° <b>∡</b> ³39'25                              |                    | evening max el                 | -508 Oct 28 j 23:14                        | 21°M50'38  | 21°28'28   |
| inferior conj                  | -509 Dec 03 j 02:24                        | 5° <b>∡</b> ³33'50                               | 2°22'28            | retrograde                     | -508 Nov 06 j 19:07                        | 27°M05'29  |            |
| minimum elong                  | -509 Dec 02 j 23:43                        | 5° <b>∡</b> ¹42'51                               | 2°21'35            | evening set                    | -508 Nov 10 j 23:36                        | 25°M27'52  |            |
| min. Earth dist.               | -509 Dec 03 j 20:05                        | 4° <b>∡</b> °34'11                               | 0.66981 AU         | asc. node                      | -508 Nov 11 j 11:17                        | 25°ML03'37                                       |            |
|                                | -509 Dec 07 j 14:44                        | 30°RM  |                    | inferior conj                  | -508 Nov 16 j 08:11                        | 19° <b>M</b> 13'08                               | 1°37'09    |
| morning rise                   | -509 Dec 08 j 07:20                        | 29°M20'35  |                    | minimum elong                  | -508 Nov 16 j 06:08                        | 19°M20'13  | 1°36'21    |
| direct                         | -509 Dec 14 j 00:11                        | 26°M49'31  |                    | min. Earth dist.               | -508 Nov 16 j 14:18                        | 18°M52'01  | 0.67475 AU |
|                                | -509 Dec 21 j 09:53                        | 0° <b>∡</b>                                      |                    | morning rise                   | -508 Nov 21 j 12:32                        | 12°M59'53  |            |
| morning max el                 | -509 Dec 25 j 12:22                        | 3° <b>√</b> 40'49                                | 24°46'42           | direct                         | -508 Nov 26 j 14:02                        | 10°M49'52  | 22010120   |
| desc. node                     | -508 Jan 04 j 14:19                        | 15° <b>メ</b> 39'41<br>0°る                        |                    | morning max el                 | -508 Dec 06 j 21:28                        | 16°M57'55<br>0°⊀                                 | 23°19'28   |
| morning set                    | -508 Jan 14 j 16:31<br>-508 Jan 30 j 15:09 | 0 8<br>26° <b>8</b> 03'26                        |                    | desc. node                     | -508 Dec 17 j 16:09<br>-508 Dec 21 j 11:22 | 5° <b>₹</b> 15'22                                |            |
| morning set                    | -508 Feb 01 j 20:02                        | 20 <b>3</b> 03 20 0° <b>≈</b>                    |                    | desc. node                     | -507 Jan 06 j 18:12                        | 0°る  |            |
| max. Earth dist.               | -508 Feb 03 j 07:06                        | 2° <b>≈</b> 39'44                                | 1.37261 AU         | morning set                    | -507 Jan 10 j 20:25                        | ್ರ<br>6° <b>ठ</b> 45'11                          |            |
|                                |  |  |                    | max. Earth dist.               | -507 Jan 15 j 02:30                        | 14° <b>る</b> 01'29                               | 1.39344 AU |
| superior conj                  | -508 Feb 09 j 20:36                        | 15° <b>≈</b> 05'42                               | -1°39'43           |                                | <b>,</b>                                   |  |            |
| minimum elong                  | -508 Feb 10 j 00:21                        | 15° <b>≈</b> 23'59                               | 1°39'20            | superior conj                  | -507 Jan 22 j 16:47                        | 27° <b>る</b> 41'36                               | -1°55'22   |
|                                | -508 Feb 17 j 08:28                        | 0° <b>)</b> €                                    |                    | minimum elong                  | -507 Jan 22 j 19:30                        | 27° <b>る</b> 54'17                               | 1°55'14    |
| evening rise                   | -508 Feb 18 j 07:42                        | 1° <b>¥</b> 56′07                                |                    |                                | -507 Jan 23 j 22:27                        | 0° <b>≈</b>                                      |            |
| asc. node                      | -508 Feb 21 j 13:34                        | 8° <b>) 1</b> 9'41                               |                    | evening rise                   | -507 Feb 01 j 01:30                        | 15° <b>≈</b> 33′06                               |            |
| evening max el                 | -508 Mar 06 j 07:16                        | 29° <b>¥</b> 23'33                               | 19°20'48           | asc. node                      | -507 Feb 07 j 10:37                        | 27° <b>≈</b> 32'01                               |            |
| _                              | -508 Mar 06 j 23:00                        | 0°Υ<br>•••••                                     |                    |                                | -507 Feb 08 j 20:24                        | 0° <b>)</b> {                                    |            |
| retrograde                     | -508 Mar 15 j 10:00                        | 3° <b>Y</b> 45'59                                |                    | evening max el                 | -507 Feb 17 j 08:42                        | 11° <b>)</b> (47'18                              | 18°36'45   |
| evening set                    | -508 Mar 17 j 14:58                        | 3° <b>Υ</b> 31'44                                |                    | retrograde                     | -507 Feb 25 j 03:47                        | 15° <b>¥</b> 35'30                               |            |
| inferior coni                  | -508 Mar 25 j 01:26                        | 30° <b>₹</b><br>29° <b>¥</b> 23'40               | 1°47'12            | evening set                    | -507 Feb 27 j 13:27                        | 15° <b>¥</b> 15'05<br>10° <b>¥</b> 48'27         | 3°01'18    |
| inferior conj<br>minimum elong | -508 Mar 25 j 23:37<br>-508 Mar 26 j 03:32 | 29° <del>X</del> 23'40<br>29° <del>X</del> 17'10 | 1°47'12<br>1°46'00 | inferior conj<br>minimum elong | -507 Mar 07 j 03:21<br>-507 Mar 07 j 07:29 | 10° <del>X</del> 48'27<br>10° <del>X</del> 40'28 | 3°00'24    |
| min. Earth dist.               | -508 Mar 28 j 19:09                        | 29° <b>H</b> 1710                                | 0.56337 AU         | min. Earth dist.               | -507 Mar 10 j 12:40                        | 8° <b>¥</b> 12'57                                | 0.58080 AU |
| desc. node                     | -508 Apr 01 j 13:30                        | 25° <b>H</b> 24'32                               | 3.30337 110        | morning rise                   | -507 Mar 14 j 22:48                        | 5° <b>H</b> 28'44                                | 3.20000 AU |
| morning rise                   | -508 Apr 03 j 13:20                        | 24° <b>)</b> (34'40                              |                    | desc. node                     | -507 Mar 19 j 10:32                        | 4° <b>)</b> €08'12                               |            |
| direct                         | -508 Apr 08 j 06:28                        | 23° <b>)</b> (43'51                              |                    | direct                         | -507 Mar 20 j 18:26                        | 4° <b>)</b> €03'44                               |            |
|                                | -508 Apr 21 j 09:57                        | 0° <b>Υ</b>                                      |                    | morning max el                 | -507 Apr 04 j 02:44                        | 11° <b>)</b> 38′08                               | 26°29'00   |
|                                | -  |  |                    |                                | -  |  |            |

| -                                 | omena of Mercury                           |                                   | •                  | * * * · · · · · · · · · · · · · · · · · |  | , ,                                      | ge 211                |
|-----------------------------------|--|-----------------------------------|--------------------|---|--|--|-----------------------|
| Attention, astronom               | nical year style is used: The              | he year -900 in<br>0° <b>Y</b>    | astronomical cou   | nting style is the year 9               |  | inting style.<br>0° <b>Y</b>             |                       |
|                                   | -507 Apr 18 j 08:51                        | 0°γ<br>27° <b>Υ</b> 24'45         |                    |   | -506 Apr 11 j 09:49                        | 12° <b>Υ</b> 10'26                       |                       |
| morning set                       | -507 May 03 j 04:59                        | 0° <b>8</b>                       |                    | morning set asc. node                   | -506 Apr 17 j 13:09<br>-506 Apr 23 j 06:57 | $24^{\circ}\Upsilon 26'23$               |                       |
| asc. node                         | -507 May 04 j 10:22<br>-507 May 06 j 09:56 | 4° <b>8</b> 15'24                 |                    | max. Earth dist.                        | -506 Apr 24 j 00:24                        | 24 <b>γ</b> 20 23<br>26° <b>γ</b> 01'42  | 1.32377 AU            |
| asc. nouc                         | -307 May 00 J 09.30                        | 4 01324                           |                    | max. Earth dist.                        | -300 Apr 24 j 00.24                        | 20 10142                                 | 1.32377 AU            |
| superior conj                     | -507 May 10 j 05:31                        | 12° <b>8</b> 35'55                | 0°39'24            | superior conj                           | -506 Apr 24 j 17:06                        | 27° <b>Y</b> 33'12                       | 0°15'01               |
| minimum elong                     | -507 May 10 j 03:52                        | 12° <b>8</b> 26'53                | 0°39'04            | minimum elong                           | -506 Apr 24 j 16:25                        | 27° <b>Y</b> 29'30                       | 0°14'53               |
| max. Earth dist.                  | -507 May 10 j 11:42                        | 13° <b>8</b> 09'51                | 1.32444 AU         | behind sun begin                        | -506 Apr 24 j 14:43                        | 27° <b>Y</b> 20'08                       |                       |
| evening rise                      | -507 May 17 j 04:49                        | 27° <b>8</b> 38'10                |                    | behind sun end                          | -506 Apr 24 j 18:08                        | 27° <b>Y</b> 38'52                       |                       |
|                                   | -507 May 18 j 08:11                        | $\Pi^{\circ}0$                    |                    |   | -506 Apr 25 j 19:52                        | $9^{\circ}$ 8                            |                       |
|                                   | -507 Jun 04 j 07:21                        | 0ංම                               |                    | evening rise                            | -506 May 01 j 14:50                        | 12° <b>8</b> 31'37                       |                       |
| desc. node                        | -507 Jun 15 j 09:49                        | 13°5647'42                        |                    |   | -506 May 10 j 12:16                        | 0°II                                     |                       |
| evening max el                    | -507 Jun 16 j 09:29                        | 14°545'29                         | 26°46'26           | evening max el                          | -506 May 29 j 06:09                        | 26° <b>Ⅱ</b> 09'43                       | 25°41'21              |
| retrograde                        | -507 Jun 30 j 08:50                        | 22°501'38                         |                    | desc. node                              | -506 Jun 02 j 06:50                        | 29° <b>∏</b> 33'30                       |                       |
| evening set                       | -507 Jul 07 j 03:57                        | 20°©01'28<br>17°©22'38            | 0.60482 AU         | ratra arada                             | -506 Jun 02 j 21:52                        | 0°ഇ<br>3° <b>ഇ</b> 21'51                 |                       |
| min. Earth dist. inferior conj    | -507 Jul 10 j 23:01<br>-507 Jul 14 j 06:14 | 17 \$22 38<br>14° \$38'34         |                    | retrograde<br>evening set               | -506 Jun 12 j 07:34<br>-506 Jun 18 j 04:16 | 1°959'59                                 |                       |
| minimum elong                     | -507 Jul 14 j 08:58                        | 14°932'52                         |                    | evening set                             | -506 Jun 21 j 17:37                        | 1 <b>3</b> 3939                          |                       |
| morning rise                      | -507 Jul 21 j 15:51                        | 9° <b>9</b> 55'19                 | 4 33 43            | min. Earth dist.                        | -506 Jun 22 j 18:27                        | 29° <b>Ⅱ</b> 18'11                       | 0.58427 AU            |
| direct                            | -507 Jul 24 j 03:31                        | 9° <b>9</b> 31'37                 |                    | inferior conj                           | -506 Jun 26 j 00:55                        | 26° <b>∏</b> 57'10                       |                       |
| morning max el                    | -507 Jul 31 j 10:38                        | 13°905'35                         | 18°08'26           | minimum elong                           | -506 Jun 25 j 23:55                        | 26° <b>Ⅲ</b> 58'59                       | 4°40'54               |
| asc. node                         | -507 Aug 02 j 09:09                        | 15° <b>©</b> 10'31                |                    | morning rise                            | -506 Jul 03 j 22:08                        | 22° <b>Ⅱ</b> 36′16                       |                       |
|                                   | -507 Aug 11 j 21:01                        | $0^{\circ}\Omega$                 |                    | direct                                  | -506 Jul 06 j 10:39                        | 22° <b>Ⅱ</b> 15'57                       |                       |
| morning set                       | -507 Aug 16 j 08:42                        | 8° <b>Ω</b> 18'16                 |                    | morning max el                          | -506 Jul 14 j 16:47                        | 26° <b>Ⅱ</b> 09'58                       | 18°43'03              |
|                                   |  |                                   |                    |   | -506 Jul 18 j 02:49                        | $0$ $\circ$ $\odot$                      |                       |
| superior conj                     | -507 Aug 26 j 02:21                        | 26° <b>Ω</b> 16′30                |                    | asc. node                               | -506 Jul 20 j 06:11                        | 2° <b>©</b> 58'21                        |                       |
| minimum elong                     | -507 Aug 26 j 06:04                        | 26° <b>Ω</b> 33'08                | 1°33'20            | morning set                             | -506 Jul 31 j 01:59                        | 22° <b>©</b> 16'17                       |                       |
|                                   | -507 Aug 28 j 04:38                        | 0° <b>m</b> ∕                     |                    |   | -506 Aug 04 j 01:05                        | $0$ $^{\circ}$ $\Omega$                  |                       |
| max. Earth dist.                  | -507 Sep 02 j 17:17                        | 9° <b>m</b> 31'35                 | 1.41401 AU         |   |  |  |                       |
| evening rise                      | -507 Sep 08 j 00:48                        | 18° m 17'35                       |                    | superior conj                           | -506 Aug 08 j 18:54                        | 9° <b>Ω</b> 06'04                        | 1°45'17               |
| desc. node                        | -507 Sep 11 j 09:09                        | 23° <b>™</b> 38'19<br>0° <b>≏</b> |                    | minimum elong<br>max. Earth dist.       | -506 Aug 08 j 20:24                        | 9° <b>Ω</b> 13'06<br>22° <b>Ω</b> 02'54  | 1°45'15<br>1.39418 AU |
|                                   | -507 Sep 15 j 11:22<br>-507 Oct 06 j 21:22 | 0° <b>M</b>                       |                    | evening rise                            | -506 Aug 15 j 20:53<br>-506 Aug 19 j 22:12 | 22 <b>80</b> 02 34<br>29° <b>Ω</b> 04'11 | 1.39416 AU            |
| evening max el                    | -507 Oct 11 j 15:46                        | 5°M19'23                          | 22°46'11           | evening rise                            | -506 Aug 20 j 11:23                        | 0° m                                     |                       |
| retrograde                        | -507 Oct 21 j 13:58                        | 11°ML13'11                        | 22 4011            | desc. node                              | -506 Aug 29 j 06:11                        | 14° <b>m</b> ) 13'33                     |                       |
| evening set                       | -507 Oct 26 j 07:00                        | 9°ML17'46                         |                    | dese. Hode                              | -506 Sep 08 j 22:16                        | 0∘ <b>⊽</b>                              |                       |
| asc. node                         | -507 Oct 29 j 08:20                        | 6°M01'55                          |                    | evening max el                          | -506 Sep 24 j 04:35                        | 18° <b>≏</b> 51'34                       | 24°06'26              |
| inferior conj                     | -507 Oct 31 j 15:13                        | 2°M57'33                          | 0°46'57            | retrograde                              | -506 Oct 05 j 05:24                        | 25° <b>ჲ</b> 20'38                       |                       |
| minimum elong                     | -507 Oct 31 j 14:08                        | 3°ML01'16                         | 0°46'29            | evening set                             | -506 Oct 10 j 12:29                        | 23° <b>≏</b> 07'17                       |                       |
| min. Earth dist.                  | -507 Oct 31 j 10:44                        | 3°M13'00                          | 0.67638 AU         | inferior conj                           | -506 Oct 15 j 21:45                        | 16° <b>≏</b> 45'33                       | -0°06'35              |
|                                   | -507 Nov 02 j 20:10                        | 30° <b>₹</b> Ω                    |                    | minimum elong                           | -506 Oct 15 j 21:54                        | 16° <b>≏</b> 45'01                       | 0°06'31               |
| morning rise                      | -507 Nov 05 j 21:11                        | 26° <b>≏</b> 46'30                |                    | transit middle                          | -506 Oct 15 j 21:54                        | 16° <b>≏</b> 45'01                       | 0°06'31               |
| direct                            | -507 Nov 10 j 07:50                        | 24° <b>£</b> 59'02                |                    | transit begin                           | -506 Oct 15 j 19:24                        | 16° <b>£</b> 53′28                       |                       |
|                                   | -507 Nov 19 j 01:55                        | 0°M                               | 21052124           | transit end                             | -506 Oct 16 j 00:24                        | 16° <b>£</b> 36'34                       | 0.67406.444           |
| morning max el                    | -507 Nov 19 j 10:26                        | 0°M21'17                          | 21°53'34           | min. Earth dist.                        | -506 Oct 15 j 06:59                        | 17° <b>Ω</b> 35'31                       | 0.67486 AU            |
| desc. node                        | -507 Dec 08 j 08:24<br>-507 Dec 11 j 12:28 | 25° <b>™</b> 16'17<br>0° <b>҂</b> |                    | asc. node<br>morning rise               | -506 Oct 16 j 05:22<br>-506 Oct 21 j 07:19 | 16° <b>≙</b> 19'47<br>10° <b>≙</b> 39'16 |                       |
| morning set                       | -507 Dec 21 j 20:28                        | 16° <b>∡</b> 102'21               |                    | direct                                  | -506 Oct 25 j 04:37                        | 9° <b>£</b> 13'11                        |                       |
| max. Earth dist.                  | -507 Dec 28 j 01:11                        | 26° <b>×</b> 02'21                | 1.41415 AU         | morning max el                          | -506 Nov 02 j 06:04                        | 13° <b>⊆</b> 54'01                       | 20°36'07              |
| man Darur alou.                   | -507 Dec 30 j 08:08                        | 0°る                               | 1.11.110.110       | morning man vi                          | -506 Nov 14 j 18:00                        | 0°M                                      | 20 20 07              |
|                                   |  |                                   |                    | desc. node                              | -506 Nov 25 j 05:25                        | 15°M35'30                                |                       |
| superior conj                     | -506 Jan 04 j 17:30                        | 9° <b>ට</b> 18'24                 | -2°01'08           | morning set                             | -506 Nov 30 j 21:17                        | 24°M17'54                                |                       |
| minimum elong                     | -506 Jan 04 j 17:15                        | 9° <b>る</b> 17'19                 | 2°01'08            |   | -506 Dec 04 j 12:47                        | 0° <b>∡</b> ¹                            |                       |
| evening rise                      | -506 Jan 15 j 07:46                        | 28° <b>る</b> 32'22                |                    | max. Earth dist.                        | -506 Dec 10 j 07:04                        | 9° <b>₰</b> 11'07                        | 1.43193 AU            |
|                                   | -506 Jan 16 j 02:43                        | 0° <b>≈</b>                       |                    |   |  |  |                       |
| asc. node                         | -506 Jan 25 j 07:38                        | 16° <b>≈</b> 13'58                |                    | superior conj                           | -506 Dec 16 j 17:31                        | 19° <b>⊀</b> 44'46                       |                       |
| evening max el                    | -506 Jan 31 j 16:46                        | 24° <b>≈</b> 37′26                | 18°12'49           | minimum elong                           | -506 Dec 16 j 12:37                        | 19° <b>∡</b> 24'21                       | 1°52'15               |
| retrograde                        | -506 Feb 07 j 15:34                        | 28°≈07'09                         |                    |   | -506 Dec 22 j 18:33                        | 0°る                                      |                       |
| evening set                       | -506 Feb 10 j 05:53                        | 27°≈38'41                         | 2940140            | evening rise                            | -506 Dec 28 j 22:30                        | 10°る45'50                                |                       |
| inferior conj                     | -506 Feb 17 j 03:39                        | 22°≈51'12                         | 3°40'40<br>3°40'25 | asa nada                                | -505 Jan 09 j 05:18                        | 0° <b>≈</b><br>4° <b>≈</b> 16'17         |                       |
| minimum elong<br>min. Earth dist. | -506 Feb 17 j 05:48<br>-506 Feb 20 j 11:35 | 22°≈46'23<br>19°≈53'20            | 0.60140 AU         | asc. node<br>evening max el             | -505 Jan 12 j 04:40<br>-505 Jan 15 j 04:29 | 4°≈1617<br>7°≈45'56                      | 18°08'28              |
| min. Earth dist.                  | -506 Feb 24 j 03:44                        | 19°≈33′20<br>17°≈09′36            | 0.00140 AU         | retrograde                              | -505 Jan 15 j 04:29                        | /°≈45'56<br>11°≈11'25                    | 10 00 48              |
| direct                            | -506 Mar 02 j 18:46                        | 17 ≈0930<br>15°≈06'22             |                    | evening set                             | -505 Jan 24 j 12:17                        | 11 ≈11 23<br>10°≈33'41                   |                       |
| desc. node                        | -506 Mar 06 j 07:34                        | 15°≈39'28                         |                    | inferior conj                           | -505 Jan 30 j 21:24                        | 5°≈25'24                                 | 3°52'02               |
| morning max el                    | -506 Mar 17 j 01:09                        | 22°≈53'00                         | 27°25'48           | minimum elong                           | -505 Jan 30 j 21:16                        | 5°≈25'45                                 | 3°52'02               |
| <u> </u>                          | -506 Mar 23 j 09:22                        | 0° <b>∀</b>                       |                    | min. Earth dist.                        | -505 Feb 02 j 18:23                        | 2° <b>≈</b> 29'52                        | 0.62196 AU            |
|                                   | -  |                                   |                    |   | -  |  |                       |

| A 44 4:   | i 1   |   |   |  | AG 18-Feb-2025 14  | , ,   |   |
|---|---|---|---|--|--|---|---|
| Attention, astronom   | -505 Feb 05 j 13:28   | ne year -900 in<br>30°Rる  | astronomical cou  | inting style is the year y<br>inferior conj  | 901 BCE in historical cou<br>-504 Jan 14 j 04:36   | 18° <b>₹</b> 23'06  | 3°43'04   |
| morning rise  | -505 Feb 06 j 05:07   | 30 KO<br>29° <b>石</b> 30'20   |   | minimum elong  | -504 Jan 14 j 02:49  | 18° <b>る</b> 23'00  | 3°42'52   |
| direct  | ,   | 29° <b>ろ</b> 30'20  |   | min. Earth dist.   | -504 Jan 14 j 02:49  | 18° <b>る</b> 28°12  | 0.64012 AU  |
| desc. node  | -505 Feb 13 j 04:55<br>-505 Feb 21 j 04:35  | 20 <b>3</b> 30 38 29° <b>る</b> 45'56  |   | morning rise   | -504 Jan 20 j 00:08  | 13 <b>3</b> 4930  | 0.04012 AU  |
| desc. node  | -505 Feb 21 j 12:59   | 29 <b>℃</b> 43 30   |   | direct   | -504 Jan 26 j 22:41  | 9° <b>る</b> 29'50   |   |
| morning max el  | -505 Feb 27 j 05:23   | 0 ≈<br>4°≈47'56   | 27°46'46  | desc. node   | -504 Feb 08 j 01:37  | 9 <b>3</b> 2930   |   |
| morning max er  | -505 Mar 18 j 02:56   | 4 ≈4730<br>0° <b>)</b> (  | 27 40 40  | morning max el   | -504 Feb 08 j 01:37  | 13 <b>3</b> 3200<br>17° <b>る</b> 18'37  | 27021123  |
| morning set   | -505 Apr 01 j 16:26   | 26° <b>)</b> 38′21  |   | morning max ci   | -504 Feb 20 j 04:26  | 0°≈   | 27 31 23  |
| morning set   | -505 Apr 03 j 07:43   | 0°Υ   |   |  | -504 Mar 09 j 22:00  | 0° <b>∺</b>   |   |
| max. Earth dist.  | -505 Apr 07 j 10:02   | 8° <b>Υ</b> 40'09   | 1.32685 AU  | morning set  | -504 Mar 15 j 12:19  | 10° <b>)</b> 39′57  |   |
| max. Lartii dist.   | -303 Apr 07 j 10.02   | 0 1 40 07   | 1.32003 AC  | max. Earth dist.   | -504 Mar 20 j 12:45  | 20° <b>X</b> 52'31  | 1.33397 AU  |
| superior conj   | -505 Apr 09 j 03:03   | 12° <b>Ƴ</b> 21'52  | -0°10'59  | max. Earth dist.   | 304 Mai 20 j 12.43   | 20 7(3231   | 1.55577710  |
| minimum elong   | -505 Apr 09 j 03:34   | 12° <b>Υ</b> 24'39  |   | superior conj  | -504 Mar 23 j 09:33  | 26° <b>¥</b> 55'37  | -0°37'38  |
| behind sun begin  | -505 Apr 08 j 23:47   | 12° <b>Υ</b> 04'09  | 0 1032  | minimum elong  | -504 Mar 23 j 11:21  | 27° <b>\</b> 05'10  |   |
| behind sun end  | -505 Apr 09 j 07:20   | 12° <b>Υ</b> 45'10  |   | minimum ciong  | -504 Mar 24 j 20:03  | 0°Υ   | 0 37 10   |
| asc. node   | -505 Apr 10 j 03:59   | 14° <b>Y</b> 37'23  |   | asc. node  | -504 Mar 27 j 01:02  | 4° <b>Υ</b> 44'15   |   |
| evening rise  | -505 Apr 16 j 02:28   | 27° <b>Υ</b> 26'25  |   | evening rise   | -504 Mar 30 j 13:55  | 12° <b>Υ</b> 16'01  |   |
| evening rise  | -505 Apr 17 j 07:44   | 0°8   |   | evening rise   | -504 Apr 08 j 16:44  | 0°8   |   |
|   | -505 May 04 j 18:18   | 0°II  |   | evening max el   | -504 Apr 21 j 13:31  | 17° <b>8</b> 33'45  | 22°30'07  |
| evening max el  | -505 May 10 j 21:43   | 6° <b>П</b> 57'53   | 24°14'15  | retrograde   | -504 May 04 j 16:55  | 24° <b>8</b> 03'03  | 22 3701   |
| desc. node  | -505 May 20 j 03:51   | 13° <b>Ⅱ</b> 08'13  | 24 1413   | desc. node   | -504 May 06 j 00:51  | 23° <b>8</b> 59'06  |   |
| retrograde  | -505 May 24 j 18:43   | 13° <b>I</b> I56'55   |   | evening set  | -504 May 07 j 20:06  | 23° <b>8</b> 41'32  |   |
| evening set   | -505 May 29 j 06:27   | 13° <b>Ⅱ</b> 30'33  |   | min. Earth dist.   | -504 May 15 j 21:55  |   | 0.55383 AU  |
| min. Earth dist.  | -505 Jun 04 j 09:07   | 10° <b>Ⅱ</b> 11'31  | 0.56613 AU  | inferior conj  | -504 May 17 j 03:50  | 19° <b>8</b> 28'00  |   |
| inferior conj   | -505 Jun 06 j 23:34   | 8° <b>Д</b> 33'28   |   | minimum elong  | -504 May 16 j 20:50  | 19° <b>8</b> 38'00  |   |
| minimum elong   | -505 Jun 06 j 18:05   | 8° <b>П</b> 42'08   | 4°11'19   | morning rise   | -504 May 25 j 23:41  | 15° <b>8</b> 33'58  | 2 30 34   |
| morning rise  | -505 Jun 15 j 08:34   | 4° <b>∏</b> 30'59   | 4 11 19   | direct   | -504 May 28 j 18:14  | 15° <b>8</b> 16'08  |   |
| direct  | -505 Jun 17 j 23:06   | 4° <b>Ⅱ</b> 12'51   |   | morning max el   | -504 Jun 09 j 00:14  | 20° <b>8</b> 30'13  | 20°54'27  |
| morning max el  | -505 Jun 27 j 13:57   | 8° <b>П</b> 40'35   | 19°38'33  | morning max ci   | -504 Jun 16 j 18:26  | 0°II  | 20 3427   |
| asc. node   | -505 Jul 07 j 03:13   | 21° <b>II</b> 31'01   | 19 30 33  | asc. node  | -504 Jun 23 j 00:18  | 10° <b>∏</b> 38'02  |   |
| asc. node   | -505 Jul 11 j 18:27   | 0°9   |   | morning set  | -504 Jun 28 j 10:19  | 10 <b>H</b> 3802<br>21° <b>H</b> 21'24  |   |
| morning set   | -505 Jul 11 j 18.27   | 6° <b>©</b> 39'32   |   | morning set  | -504 Jul 02 j 14:15  | 0°95  |   |
| morning set   | -505 Jul 15 J 05.25   | 0 33932   |   |  | -304 Jul 02 j 14.13  | 0 3   |   |
| superior conj   | -505 Jul 23 j 03:06   | 22° <b>©</b> 43'09  | 1°47'06   | superior conj  | -504 Jul 05 j 22:28  | 6° <b>©</b> 55'15   | 1°41'12   |
| minimum elong   | -505 Jul 23 j 02:38   |   | 1°47'06   | minimum elong  | -504 Jul 05 j 20:41  |   | 1°41'05   |
| Č   | -505 Jul 26 j 21:00   | $0^{\circ}\Omega$   |   | max. Earth dist.   | -504 Jul 10 j 09:06  | 15° <b>©</b> 52'24  | 1.35696 AU  |
| max. Earth dist.  | -505 Jul 29 j 00:09   | 4° <b>Ω</b> 01'26   | 1.37446 AU  | evening rise   | -504 Jul 14 j 13:48  | 23° <b>©</b> 56'57  |   |
| evening rise  | -505 Aug 01 j 19:56   | 11° <b>Ω</b> 00'45  |   | Ü  | -504 Jul 17 j 20:49  | $0^{\circ}\Omega$   |   |
| <i>8</i>  |   |   |   |  |  |   |   |
|   | -505 Aug 13 i 03:40   | 0° <b>m</b> )   |   | desc. node   | -504 Aug 02 j 00:15  | 24° <b>Ω</b> 40'39  |   |
| desc. node  | -505 Aug 13 j 03:40<br>-505 Aug 16 j 03:13  | 0° <b>ሙ</b><br>4° <b>ሙ</b> 36'17  |   | desc. node   | -504 Aug 02 j 00:15<br>-504 Aug 05 j 17:58   | 24° <b>Ω</b> 40′39<br>0° <b>m</b>   |   |
| desc. node  | -505 Aug 16 j 03:13   | 0° Mp<br>4° Mp 36′17<br>0° <u>∩</u>   |   |  | -504 Aug 05 j 17:58  | 0° <b>m</b>   | 26°25'28  |
|   | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49  | 4° <b>ዀ</b> 36'17<br>0° <b>乒</b>  | 25°22'09  | evening max el   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55   | 0° <b>ዀ</b><br>16 <b>° ዀ</b> 04'04  | 26°25'28  |
| evening max el  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09   | 4°₥36'17<br>0°ഫ<br>2°ഫ27'40   | 25°22'09  | evening max el<br>retrograde   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33  | 0° My<br>16° My 04'04<br>23° My 15'48   | 26°25'28  |
| evening max el retrograde   | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28  | 4° ነ 36'17<br>0° <u>ፍ</u><br>2° <u>ፍ</u> 27'40<br>9° <u>ፍ</u> 23'13   | 25°22'09  | evening max el<br>retrograde<br>evening set  | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24   | 0° m/<br>16° m/04'04<br>23° m/15'48<br>20° m/33'58  |   |
| evening max el  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16   | 4° ነ 36'17<br>0°  | 25°22'09<br>0.67017 AU  | evening max el<br>retrograde<br>evening set<br>min. Earth dist.  | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57  | 0° m/<br>16° m/04'04<br>23° m/15'48<br>20° m/33'58<br>16° m/14'43   | 0.66210 AU  |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.   | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31  | 4° ነ 36'17<br>0°  | 0.67017 AU  | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12   | 0° m/<br>16° m/04'04<br>23° m/15'48<br>20° m/33'58<br>16° m/14'43<br>14° m/21'12  | 0.66210 AU<br>-1°57'36  |
| evening max el<br>retrograde<br>evening set   | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16   | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01  | evening max el<br>retrograde<br>evening set<br>min. Earth dist.  | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09  | 0° m/<br>16° m/04'04<br>23° m/15'48<br>20° m/33'58<br>16° m/14'43   | 0.66210 AU<br>-1°57'36  |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01   | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01  | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong  | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28   | 0° m)<br>16° m) 04'04<br>23° m) 15'48<br>20° m) 33'58<br>16° m) 14'43<br>14° m) 21'12<br>14° m) 12'12   | 0.66210 AU<br>-1°57'36  |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 03:34<br>-505 Sep 30 j 12:38   | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01  | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15  | 0° m) 16° m)04'04 23° m)15'48 20° m)33'58 16° m)14'43 14° m)21'12 14° m)12'12 8° m)34'39  | 0.66210 AU<br>-1°57'36  |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong   | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 03:34  | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01  | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28   | 0° my 16° my 04'04 23° my 15'48 20° my 33'58 16° my 14'43 14° my 21'12 14° my 12'12 8° my 34'39 8° my 33'30   | 0.66210 AU<br>-1°57'36<br>1°56'26   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 12:38<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01  | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01  | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08  | 0° my 16° my 04'04 23° my 15'48 20° my 33'58 16° my 14'43 14° my 21'12 14° my 12'12 8° my 34'39 8° my 33'30 7° my 41'18 11° my 26'14  | 0.66210 AU<br>-1°57'36<br>1°56'26   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 12:38<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01<br>-505 Oct 09 j 02:56  | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01  | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct<br>morning max el   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07   | 0° my 16° my 04'04 23° my 15'48 20° my 33'58 16° my 14'43 14° my 21'12 14° my 12'12 8° my 34'39 8° my 33'30 7° my 41'18   | 0.66210 AU<br>-1°57'36<br>1°56'26   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 12:38<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01  | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01<br>1°01'21                                       | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57  | 0° ነው<br>16° ነው 04'04<br>23° ነው 15'48<br>20° ነው 33'58<br>16° ነው 14'43<br>14° ነው 21'12<br>14° ነው 12'12<br>8° ነው 34'39<br>8° ነው 33'30<br>7° ነው 41'18<br>11° ነው 26'14<br>0° £  | 0.66210 AU<br>-1°57'36<br>1°56'26   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:25<br>-505 Oct 03 j 02:25<br>-505 Oct 09 j 02:56<br>-505 Oct 16 j 09:18<br>-505 Oct 18 j 13:30   | 4° \$\mathbf{m} 36'17<br>0° \$\Lambda\$<br>2° \$\Lambda\$27'40<br>9° \$\Lambda\$23'13<br>6° \$\Lambda\$53'30<br>1° \$\Lambda\$57'04<br>0° \$\Lambda\$34'20<br>0° \$\Lambda\$29'18<br>30° R \$\mathbf{m}\$<br>26° \$\mathbf{m}\$ 35'45<br>23° \$\mathbf{m}\$ 28'17<br>27° \$\mathbf{m}\$ 36'22<br>0° \$\Lambda\$   | 0.67017 AU<br>-1°02'01<br>1°01'21                                       | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct<br>morning max el   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 28 j 23:33   | 0° ነው 16° ነው 04'04 23° ነው 15'48 20° ነው 33'58 16° ነው 14'43 14° ነው 21'12 8° ነው 34'39 8° ነው 33'30 7° ነው 41'18 11° ነው 26'14 0°  | 0.66210 AU<br>-1°57'36<br>1°56'26   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct<br>morning max el  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:25<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01<br>-505 Oct 09 j 02:56<br>-505 Oct 16 j 09:18<br>-505 Oct 18 j 13:30<br>-505 Nov 08 j 03:47   | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01<br>1°01'21                                       | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct<br>morning max el   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57  | 0° my 16° my 04'04 23° my 15'48 20° my 33'58 16° my 14'43 14° my 21'12 14° my 12'12 8° my 34'39 8° my 33'30 7° my 41'18 11° my 26'14 0° Ω 12° Ω 02'15   | 0.66210 AU<br>-1°57'36<br>1°56'26   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 12:38<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01<br>-505 Oct 09 j 02:56<br>-505 Oct 16 j 09:18<br>-505 Oct 18 j 13:30<br>-505 Nov 08 j 03:47<br>-505 Nov 09 j 20:14  | 4° \$\mathbf{m} 36'17 0° \$\mathbf{s}\$ 2° \$\mathbf{s} 27'40 9° \$\mathbf{s} 23'13 6° \$\mathbf{s} 53'30 1° \$\mathbf{s} 57'04 0° \$\mathbf{s} 29'18 30° \$\mathbf{m}\$ 26° \$\mathbf{m}\$ 53'44 24° \$\mathbf{m}\$ 35'45 23° \$\mathbf{m}\$ 28'17 27° \$\mathbf{m}\$ 36'22 0° \$\mathbf{s}\$ 0° \$\mathbf{m}\$ 2° \$\mathbf{m}\$ 36'42  | 0.67017 AU<br>-1°02'01<br>1°01'21                                       | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 28 j 23:33<br>-504 Oct 31 j 00:19  | 0° ነው 16° ነው 04'04 23° ነው 15'48 20° ነው 33'58 16° ነው 14'43 14° ነው 21'12 8° ነው 34'39 8° ነው 33'30 7° ነው 41'18 11° ነው 26'14 0°  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21   |
| evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct<br>morning max el  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:25<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01<br>-505 Oct 09 j 02:56<br>-505 Oct 16 j 09:18<br>-505 Oct 18 j 13:30<br>-505 Nov 08 j 03:47   | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01<br>1°01'21                                       | evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise<br>direct<br>morning max el   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 28 j 23:33   | 0° ነው 16° ነው 04'04 23° ነው 15'48 20° ነው 33'58 16° ነው 14'43 14° ነው 21'12 8° ነው 34'39 8° ነው 33'30 7° ነው 41'18 11° ነው 26'14 0° ፡  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21   |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node   | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:25<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01<br>-505 Oct 09 j 02:56<br>-505 Oct 16 j 09:18<br>-505 Oct 18 j 13:30<br>-505 Nov 08 j 03:47<br>-505 Nov 09 j 20:14<br>-505 Nov 12 j 02:28   | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01<br>1°01'21                                       | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 28 j 23:33<br>-504 Oct 31 j 00:19  | 0° ነው 16° ነው 04'04 23° ነው 15'48 20° ነው 33'58 16° ነው 14'43 14° ነው 21'12 8° ነው 34'39 8° ነው 33'30 7° ነው 41'18 11° ነው 26'14 0° ፡  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21   |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node   | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:25<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01<br>-505 Oct 09 j 02:56<br>-505 Oct 16 j 09:18<br>-505 Oct 18 j 13:30<br>-505 Nov 08 j 03:47<br>-505 Nov 09 j 20:14<br>-505 Nov 12 j 02:28   | 4° ነ 36'17<br>0°  | 0.67017 AU<br>-1°02'01<br>1°01'21<br>19°31'34                           | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node   | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 12 j 02:07<br>-504 Oct 28 j 23:33<br>-504 Oct 31 j 00:19<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 17:14  | 0° ነው 16° ነው 04'04 23° ነው 15'48 20° ነው 33'58 16° ነው 14'43 14° ነው 21'12 8° ነው 34'39 8° ነው 33'30 7° ነው 41'18 11° ነው 26'14 0° ፡  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23                                    |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node max. Earth dist. superior conj  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:25<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01<br>-505 Oct 09 j 02:56<br>-505 Oct 16 j 09:18<br>-505 Nov 09 j 20:14<br>-505 Nov 09 j 20:14<br>-505 Nov 12 j 02:28<br>-505 Nov 26 j 14:44   | 4° \$\mathbf{m} 36'17 0° \$\mathbf{n}\$ 2° \$\mathbf{n} 27'40 9° \$\mathbf{n} 23'13 6° \$\mathbf{n} 53'30 1° \$\mathbf{n} 57'04 0° \$\mathbf{n} 34'20 0° \$\mathbf{n} 29'18 30° \$\mathbf{m}\$ \\ 26° \$\mathbf{m} 53'44 24° \$\mathbf{m} 35'45 23° \$\mathbf{m} 28'17 27° \$\mathbf{m} 36'22 0° \$\mathbf{n}\$ 0° \$\mathbf{m}\$ 2° \$\mathbf{m} 36'42 6° \$\mathbf{m} 07'20 22° \$\mathbf{m} 58'32 28° \$\mathbf{m} 58'06   | 0.67017 AU<br>-1°02'01<br>1°01'21<br>19°31'34<br>1.44439 AU<br>-1°25'58 | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node superior conj minimum elong max. Earth dist.  | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 28 j 23:33<br>-504 Oct 31 j 00:19<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 11:41<br>-504 Nov 04 j 14:26<br>-504 Nov 19 j 00:03  | 0° m 16° m 04'04 23° m 15'48 20° m 33'58 16° m 14'43 14° m 21'12 14° m 12'12 8° m 34'39 8° m 33'30 7° m 41'18 11° m 26'14 0° Ω 12° Ω 02'15 26° Ω 47'54 0° M 7° M 24'06 7° M 02'17 7° M 13'05 0°   7° M 13'05  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23                                    |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node max. Earth dist.  | -505 Aug 16 j 03:13<br>-505 Sep 04 j 06:49<br>-505 Sep 06 j 16:09<br>-505 Sep 18 j 16:28<br>-505 Sep 24 j 14:16<br>-505 Sep 29 j 00:31<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 02:01<br>-505 Sep 30 j 12:38<br>-505 Oct 03 j 02:25<br>-505 Oct 05 j 17:01<br>-505 Oct 09 j 02:56<br>-505 Oct 16 j 09:18<br>-505 Nov 09 j 20:14<br>-505 Nov 09 j 20:14<br>-505 Nov 12 j 02:28<br>-505 Nov 22 j 20:25   | 4° \$\mathbf{m} 36'17 0° \$\mathbf{n}\$ 2° \$\mathbf{n} 27'40 9° \$\mathbf{n} 23'13 6° \$\mathbf{n} 53'30 1° \$\mathbf{n} 57'04 0° \$\mathbf{n} 34'20 0° \$\mathbf{n} 29'18 30° \$\mathbf{m}\$ \\ 26° \$\mathbf{m} 53'44 24° \$\mathbf{m} 35'45 23° \$\mathbf{m} 28'17 27° \$\mathbf{m} 36'22 0° \$\mathbf{n}\$ 0° \$\mathbf{m}\$ 2° \$\mathbf{m} 36'42 6° \$\mathbf{m} 07'20 22° \$\mathbf{m} 58'32  | 0.67017 AU<br>-1°02'01<br>1°01'21<br>19°31'34<br>1.44439 AU<br>-1°25'58 | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node superior conj minimum elong max. Earth dist.  | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 28 j 23:33<br>-504 Oct 31 j 00:19<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 11:41<br>-504 Nov 04 j 14:26   | 0° m 16° m 04'04 23° m 15'48 20° m 33'58 16° m 14'43 14° m 21'12 14° m 12'12 8° m 34'39 8° m 33'30 7° m 41'18 11° m 26'14 0° Ω 12° Ω 02'15 26° Ω 47'54 0° M 7° M 24'06 7° M 02'17 7° M 13'05 0°   2°   2°   2°   2°   26'55                         | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23                                    |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node max. Earth dist. superior conj  | -505 Aug 16 j 03:13 -505 Sep 04 j 06:49 -505 Sep 06 j 16:09 -505 Sep 18 j 16:28 -505 Sep 24 j 14:16 -505 Sep 29 j 00:31 -505 Sep 30 j 02:01 -505 Sep 30 j 02:01 -505 Sep 30 j 02:25 -505 Oct 03 j 02:25 -505 Oct 05 j 17:01 -505 Oct 09 j 02:56 -505 Oct 16 j 09:18 -505 Oct 18 j 13:30 -505 Nov 08 j 03:47 -505 Nov 09 j 20:14 -505 Nov 12 j 02:28 -505 Nov 26 j 14:44 -505 Nov 26 j 06:36 -505 Nov 27 j 06:11   | 4° \$\mathbf{m} 36'17 0° \$\Lambda\$ 2° \$\Lambda\$27'40 9° \$\Lambda\$23'13 6° \$\Lambda\$53'30 1° \$\Lambda\$57'04 0° \$\Lambda\$34'20 0° \$\Lambda\$29'18 30° \$\mathbf{m}\$ 28'14 24° \$\mathbf{m}\$35'45 23° \$\mathbf{m}\$28'17 27° \$\mathbf{m}\$36'22 0° \$\Lambda\$0" \$\mathbf{m}\$07'20 22° \$\mathbf{m}\$58'32 28° \$\mathbf{m}\$58'06 28° \$\mathbf{m}\$25'35  | 0.67017 AU<br>-1°02'01<br>1°01'21<br>19°31'34<br>1.44439 AU<br>-1°25'58 | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node superior conj minimum elong max. Earth dist.  | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 31 j 00:19<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 14:26<br>-504 Nov 20 j 12:50<br>-504 Nov 27 j 14:56  | 0° m 16° m 04'04 23° m 15'48 20° m 33'58 16° m 14'43 14° m 21'12 14° m 12'12 8° m 34'39 8° m 33'30 7° m 41'18 11° m 26'14 0° Ω 12° Ω 02'15 26° Ω 47'54 0° M 7° M 24'06 7° M 02'17 7° M 13'05 0°   7° M 13'05  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23<br>1.44996 AU                      |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node max. Earth dist. superior conj minimum elong                                       | -505 Aug 16 j 03:13 -505 Sep 04 j 06:49 -505 Sep 06 j 16:09 -505 Sep 18 j 16:28 -505 Sep 24 j 14:16 -505 Sep 29 j 00:31 -505 Sep 30 j 02:01 -505 Sep 30 j 02:01 -505 Sep 30 j 02:25 -505 Oct 03 j 02:25 -505 Oct 05 j 17:01 -505 Oct 09 j 02:56 -505 Oct 16 j 09:18 -505 Oct 18 j 13:30 -505 Nov 08 j 03:47 -505 Nov 09 j 20:14 -505 Nov 12 j 02:28 -505 Nov 26 j 14:44 -505 Nov 26 j 06:36 -505 Nov 27 j 06:11 -505 Dec 10 j 17:18   | 4° m 36'17<br>0° a<br>2° a 27'40<br>9° a 23'13<br>6° a 53'30<br>1° a 57'04<br>0° a 34'20<br>0° a 29'18<br>30° R m<br>26° m 53'44<br>24° m 35'45<br>23° m 28'17<br>27° m 36'22<br>0° a<br>0° m.<br>2° m 36'42<br>6° m 07'20<br>22° m 58'32<br>28° m 58'06<br>28° m 25'35<br>0° \$7   | 0.67017 AU<br>-1°02'01<br>1°01'21<br>19°31'34<br>1.44439 AU<br>-1°25'58 | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node superior conj minimum elong max. Earth dist.  | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 31 j 00:19<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 11:41<br>-504 Nov 04 j 11:41<br>-504 Nov 19 j 00:03<br>-504 Nov 20 j 12:50<br>-504 Nov 27 j 14:56<br>-504 Dec 08 j 09:00                        | 0° m 16° m 04'04 23° m 15'48 20° m 33'58 16° m 14'43 14° m 22'12 8° m 34'39 8° m 33'30 7° m 41'18 11° m 26'14 0° Ω 12° Ω 02'15 26° Ω 47'54 0° M 7° M 24'06 7° M 02'17 7° M 13'05 0° ズ 2° ズ 26'55 13° ズ 47'23  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23<br>1.44996 AU<br>-0.9m             |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node max. Earth dist. superior conj minimum elong                                       | -505 Aug 16 j 03:13 -505 Sep 04 j 06:49 -505 Sep 06 j 16:09 -505 Sep 18 j 16:28 -505 Sep 24 j 14:16 -505 Sep 29 j 00:31 -505 Sep 30 j 02:01 -505 Sep 30 j 02:01 -505 Sep 30 j 02:25 -505 Oct 03 j 02:25 -505 Oct 05 j 17:01 -505 Oct 09 j 02:56 -505 Oct 16 j 09:18 -505 Oct 18 j 13:30 -505 Nov 08 j 03:47 -505 Nov 09 j 20:14 -505 Nov 12 j 02:28 -505 Nov 26 j 14:44 -505 Nov 26 j 06:36 -505 Nov 27 j 06:11 -505 Dec 10 j 17:18 -505 Dec 15 j 10:28   | 4° \$\mathbf{m} 36'17 0° \omega 22'10 9° \omega 23'13 6° \omega 53'30 1° \omega 57'04 0° \omega 34'20 0° \omega 29'18 30° R \$\mathbf{m} 26' \$\mathbf{m} 53'44 24' \$\mathbf{m} 35'45 23' \$\mathbf{m} 28'17 27' \$\mathbf{m} 36'22 0° \omega 0' \mathbf{m} 2'20' \omega 20' \mathbf{m} 36'42 6° \$\mathbf{m} 07'20 22' \$\mathbf{m} 58'32 28' \$\mathbf{m} 58'06 28' \$\mathbf{m} 25'35 0' \neq 7 22' \$\neq 05'30  | 0.67017 AU<br>-1°02'01<br>1°01'21<br>19°31'34<br>1.44439 AU<br>-1°25'58 | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node superior conj minimum elong max. Earth dist. evening rise greatest brilliancy                                     | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 28 j 23:33<br>-504 Oct 31 j 00:19<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 11:41<br>-504 Nov 19 j 00:03<br>-504 Nov 20 j 12:50<br>-504 Dec 08 j 09:00<br>-504 Dec 12 j 03:45 | 0° ነው 16° ነው 04'04 23° ነው 15'48 20° ነው 33'58 16° ነው 14'43 14° ነው 21'12 8° ነው 34'39 8° ነው 33'30 7° ነው 41'18 11° ነው 26'14 0° ፡  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23<br>1.44996 AU<br>-0.9m             |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node max. Earth dist. superior conj minimum elong evening rise                          | -505 Aug 16 j 03:13 -505 Sep 04 j 06:49 -505 Sep 06 j 16:09 -505 Sep 18 j 16:28 -505 Sep 24 j 14:16 -505 Sep 29 j 00:31 -505 Sep 30 j 02:01 -505 Sep 30 j 02:01 -505 Sep 30 j 02:34 -505 Sep 30 j 12:38 -505 Oct 03 j 02:25 -505 Oct 05 j 17:01 -505 Oct 09 j 02:56 -505 Oct 16 j 09:18 -505 Oct 18 j 13:30 -505 Nov 08 j 03:47 -505 Nov 09 j 20:14 -505 Nov 12 j 02:28 -505 Nov 22 j 20:25 -505 Nov 26 j 14:44 -505 Nov 26 j 06:36 -505 Dec 10 j 17:18 -505 Dec 15 j 10:28 -505 Dec 29 j 17:00 | 4° \$\mathbf{m} 36'17 0° \$\mathbf{n}\$ 2° \$\mathbf{n} 23'13 6° \$\mathbf{n} 25'104 0° \$\mathbf{n} 257'04 0° \$\mathbf{n} 257'04 0° \$\mathbf{n} 29'18 30° R \$\mathbf{m}\$ 26° \$\mathbf{m} 53'44 24° \$\mathbf{m} 35'45 23° \$\mathbf{m} 28'17 27° \$\mathbf{m} 36'22 0° \$\mathbf{n}\$ 2° \$\mathbf{m} 36'42 6° \$\mathbf{m} 07'20 22° \$\mathbf{m} 58'32 28° \$\mathbf{m} 58'36 28° \$\mathbf{m} 25'35 0° \$\mathbf{n}\$ 22° \$\mathbf{n} 05'30 0° \$\mathbf{n}\$ 21° \$\mathbf{n} 05'20                                      | 0.67017 AU -1°02'01 1°01'21  19°31'34  1.44439 AU -1°25'58 1°25'09      | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node superior conj minimum elong max. Earth dist. evening rise greatest brilliancy evening max el asc. node            | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 31 j 00:19<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 11:41<br>-504 Nov 04 j 11:41<br>-504 Nov 19 j 00:03<br>-504 Nov 20 j 12:50<br>-504 Nov 27 j 14:56<br>-504 Dec 08 j 09:00                        | 0° ነው 16° ነው 04'04 23° ነው 15'48 20° ነው 33'58 16° ነው 14'43 14° ነው 21'12 8° ነው 34'39 8° ነው 33'30 7° ነው 41'18 11° ነው 26'14 0° ፡  | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23<br>1.44996 AU<br>-0.9m             |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node max. Earth dist. superior conj minimum elong evening rise evening max el asc. node | -505 Aug 16 j 03:13 -505 Sep 04 j 06:49 -505 Sep 06 j 16:09 -505 Sep 18 j 16:28 -505 Sep 24 j 14:16 -505 Sep 29 j 00:31 -505 Sep 30 j 02:01 -505 Sep 30 j 02:01 -505 Sep 30 j 02:03 -505 Sep 30 j 02:25 -505 Oct 05 j 17:01 -505 Oct 09 j 02:56 -505 Oct 16 j 09:18 -505 Oct 18 j 13:30 -505 Nov 08 j 03:47 -505 Nov 09 j 20:14 -505 Nov 12 j 02:28 -505 Nov 22 j 20:25 -505 Nov 26 j 14:44 -505 Nov 27 j 06:11 -505 Dec 10 j 17:18 -505 Dec 15 j 10:28 -505 Dec 29 j 17:00 -505 Dec 30 j 01:42 | 4° \$\mathbf{m} 36'17 0° \$\mathbf{n}\$ 2° \$\mathbf{n} 27'40 9° \$\mathbf{n} 23'13 6° \$\mathbf{n} 53'30 1° \$\mathbf{n} 57'04 0° \$\mathbf{n} 34'20 0° \$\mathbf{n} 29'18 30° \$\mathbf{m}\$ 26° \$\mathbf{m} 53'44 24° \$\mathbf{m} 35'45 23° \$\mathbf{m} 28'17 27° \$\mathbf{m} 36'22 0° \$\mathbf{n}\$ 0° \$\mathbf{m}\$ 2° \$\mathbf{m} 36'42 6° \$\mathbf{m} 07'20 22° \$\mathbf{m} 58'32 28° \$\mathbf{m} 25'35 0° \$\mathbf{n}\$ 22° \$\mathbf{n} 05'30 0° \$\mathbf{n}\$ 21° \$\mathbf{n} 505'20 21° \$\mathbf{n} 527'00 | 0.67017 AU -1°02'01 1°01'21  19°31'34  1.44439 AU -1°25'58 1°25'09      | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node superior conj minimum elong max. Earth dist. evening rise greatest brilliancy evening max el asc. node retrograde | -504 Aug 05 j 17:58 -504 Aug 19 j 03:55 -504 Aug 31 j 22:33 -504 Sep 07 j 10:24 -504 Sep 11 j 12:57 -504 Sep 13 j 02:12 -504 Sep 13 j 05:09 -504 Sep 18 j 23:28 -504 Sep 19 j 00:15 -504 Sep 22 j 01:04 -504 Sep 28 j 19:08 -504 Oct 12 j 02:07 -504 Oct 19 j 15:57 -504 Oct 28 j 23:33 -504 Oct 31 j 00:19 -504 Nov 04 j 17:14 -504 Nov 04 j 17:14 -504 Nov 04 j 11:41 -504 Nov 04 j 14:26 -504 Nov 19 j 00:03 -504 Nov 27 j 14:56 -504 Dec 08 j 09:00 -504 Dec 12 j 03:45 -504 Dec 18 j 23:41                        | 0° m 16° m 04'04 23° m 15'48 20° m 33'58 16° m 14'43 14° m 21'12 14° m 12'12 8° m 33'30 7° m 41'18 11° m 26'14 0° Ω 12° Ω 02'15 26° Ω 47'54 0° m 7° m 24'06 7° m 02'17 7° m 13'05 0° ズ 2° ズ 26'55 13° ズ 47'23 0° ℧ 4° ℧ 30'39 7° ℧ 32'32 8° ℧ 22'50 | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23<br>1.44996 AU<br>-0.9m             |
| evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node max. Earth dist. superior conj minimum elong evening rise evening max el           | -505 Aug 16 j 03:13 -505 Sep 04 j 06:49 -505 Sep 06 j 16:09 -505 Sep 18 j 16:28 -505 Sep 24 j 14:16 -505 Sep 29 j 00:31 -505 Sep 30 j 02:01 -505 Sep 30 j 02:01 -505 Sep 30 j 02:34 -505 Sep 30 j 12:38 -505 Oct 03 j 02:25 -505 Oct 05 j 17:01 -505 Oct 09 j 02:56 -505 Oct 16 j 09:18 -505 Oct 18 j 13:30 -505 Nov 08 j 03:47 -505 Nov 09 j 20:14 -505 Nov 12 j 02:28 -505 Nov 22 j 20:25 -505 Nov 26 j 14:44 -505 Nov 26 j 06:36 -505 Dec 10 j 17:18 -505 Dec 15 j 10:28 -505 Dec 29 j 17:00 | 4° \$\mathbf{m} 36'17 0° \$\mathbf{n}\$ 2° \$\mathbf{n} 23'13 6° \$\mathbf{n} 25'104 0° \$\mathbf{n} 257'04 0° \$\mathbf{n} 257'04 0° \$\mathbf{n} 29'18 30° R \$\mathbf{m}\$ 26° \$\mathbf{m} 53'44 24° \$\mathbf{m} 35'45 23° \$\mathbf{m} 28'17 27° \$\mathbf{m} 36'22 0° \$\mathbf{n}\$ 2° \$\mathbf{m} 36'42 6° \$\mathbf{m} 07'20 22° \$\mathbf{m} 58'32 28° \$\mathbf{m} 58'36 28° \$\mathbf{m} 25'35 0° \$\mathbf{n}\$ 22° \$\mathbf{n} 05'30 0° \$\mathbf{n}\$ 21° \$\mathbf{n} 05'20                                      | 0.67017 AU -1°02'01 1°01'21  19°31'34  1.44439 AU -1°25'58 1°25'09      | evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el morning set desc. node superior conj minimum elong max. Earth dist. evening rise greatest brilliancy evening max el asc. node            | -504 Aug 05 j 17:58<br>-504 Aug 19 j 03:55<br>-504 Aug 31 j 22:33<br>-504 Sep 07 j 10:24<br>-504 Sep 11 j 12:57<br>-504 Sep 13 j 02:12<br>-504 Sep 13 j 05:09<br>-504 Sep 18 j 23:28<br>-504 Sep 19 j 00:15<br>-504 Sep 22 j 01:04<br>-504 Sep 28 j 19:08<br>-504 Oct 12 j 02:07<br>-504 Oct 19 j 15:57<br>-504 Oct 28 j 23:33<br>-504 Oct 31 j 00:19<br>-504 Nov 04 j 17:14<br>-504 Nov 04 j 11:41<br>-504 Nov 04 j 14:26<br>-504 Nov 20 j 12:50<br>-504 Nov 27 j 14:56<br>-504 Dec 08 j 09:00<br>-504 Dec 15 j 22:45 | 0° m 16° m 04'04 23° m 15'48 20° m 33'58 16° m 14'43 14° m 21'12 14° m 12'12 8° m 33'30 7° m 41'18 11° m 26'14 0° Ω 12° Ω 02'15 26° Ω 47'54 0° m 7° m 24'06 7° m 02'17 7° m 13'05 0° 🞜 2° ቾ 26'55 13° ቾ 47'23 0° ጜ 4° ጜ 30'39 7° ጜ 32'32            | 0.66210 AU<br>-1°57'36<br>1°56'26<br>18°42'21<br>-0°43'05<br>0°42'23<br>1.44996 AU<br>-0.9m<br>18°55'21 |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 213 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi                             | ical year style is used: T   | he year -900 in   | astronomical cour | nting style is the year 9   | 901 BCE in historical cou   | inting style.   | ,                      |
|--|--|---|-------------------|-----------------------------|---|---|------------------------|
| minimum elong                                    | -504 Dec 27 j 19:02  | 1° <b>る</b> 46'36   | 3°19'04           | greatest brilliancy         | -503 Nov 13 j 04:08   | 1° <b>∡</b> ′30′22  | -0.7m                  |
|  | -504 Dec 29 j 05:21  | 30°Ŗ <b>⋌</b> ¹   |                   | evening max el              | -503 Nov 25 j 10:35   | 17° <b>∡</b> ¹58'19   | 19°44'12               |
| min. Earth dist.                                 | -504 Dec 29 j 12:28  | 29° <b>∡</b> ³38′08   | 0.65469 AU        | retrograde                  | -503 Dec 02 j 20:49   | 22° <b>∡</b> 17'57  |                        |
| morning rise                                     | -503 Jan 02 j 08:58  | 25° <b>∡</b> ¹29'14   |                   | asc. node                   | -503 Dec 02 j 19:47   | 22° <b>х</b> 17'57  |                        |
| direct   | -503 Jan 08 j 22:58  | 22° <b>∡</b> 38′10  |                   | evening set                 | -503 Dec 06 j 09:22   | 21° <b>₹</b> '05'18   |                        |
|  | -503 Jan 21 j 17:18  | 0°ಕ   |                   | inferior conj               | -503 Dec 11 j 21:38   | 15° <b>∡</b> '06'10   | 2°45'43                |
| morning max el                                   | -503 Jan 21 j 23:22  | 0° <b>ප</b> 15'06   | 26°44'23          | minimum elong               | -503 Dec 11 j 18:48   | 15° <b>∡</b> 15'30  | 2°44'53                |
| desc. node                                       | -503 Jan 24 j 22:42  | 3° <b>♂</b> 24'46   |                   | min. Earth dist.            | -503 Dec 12 j 22:33   | 13° <b>∡</b> ¹44′05   | 0.66533 AU             |
|  | -503 Feb 13 j 03:28  | 0° <b>≈</b>   |                   | morning rise                | -503 Dec 17 j 04:02   | 8° <b>∡</b> 753′38  |                        |
| morning set                                      | -503 Feb 26 j 21:23  | 24° <b>≈</b> 04'39  |                   | direct                      | -503 Dec 23 j 05:09   | 6° <b>∡</b> 12'56   |                        |
| Ü  | -503 Mar 01 j 22:42  | 0° <b>∀</b>   |                   | morning max el              | -502 Jan 04 j 08:36   |   | 25°33'58               |
| max. Earth dist.                                 | -503 Mar 03 j 05:10  | 2° <b>¥</b> 31'15   | 1.34555 AU        | desc. node                  | -502 Jan 11 j 19:47   | 21° <b>∡</b> 58'59  |                        |
|  |  |   |                   |                             | -502 Jan 17 j 20:01   | 0°ප   |                        |
| superior conj                                    | -503 Mar 07 j 10:29  | 11° <b>)</b> €07'32   | -1°03'46          |                             | -502 Feb 05 j 21:31   | 0° <b>≈</b>   |                        |
| minimum elong                                    | -503 Mar 07 j 13:27  | 11° <b>¥</b> 22'54  |                   | morning set                 | -502 Feb 09 j 15:07   | 6° <b>≈</b> 39'37   |                        |
| asc. node  | -503 Mar 13 j 22:05  | 24° <b>)</b> 42'22  |                   | max. Earth dist.            | -502 Feb 13 j 09:52   |   | 1.36159 AU             |
| evening rise                                     | -503 Mar 14 j 23:22  | 26° <b>¥</b> 53'52  |                   | man. Bartin diot.           | 5021 <b>6</b> 0 15 j 05.52  | 15 10 11 11   | 1.50107110             |
| e vennig 1150                                    | -503 Mar 16 j 11:33  | 0°Υ   |                   | superior conj               | -502 Feb 19 j 03:11   | 24° <b>≈</b> 50'21  | -1°27'45               |
| evening max el                                   | -503 Apr 03 j 12:06  | 28°Υ25'09   | 21°09'39          | minimum elong               | -502 Feb 19 j 06:53   | 25°≈08'53   |                        |
| evening max er                                   | -503 Apr 05 j 06:34  | 0°8   | 21 0/3/           | minimum ciong               | -502 Feb 21 j 16:37   | 0° <b>∀</b>   | 1 2/13                 |
| retrograde                                       | -503 Apr 15 j 06:46  | 4° <b>8</b> 07'36   |                   | evening rise                | -502 Feb 27 j 04:45   | 11° <b>)</b> 13'51  |                        |
| evening set                                      | -503 Apr 17 j 14:14  | 3° <b>8</b> 55'11   |                   | asc. node                   | -502 Feb 28 j 19:08   | 14° <b>)</b> 27'21  |                        |
| desc. node                                       | -503 Apr 17 j 14.14<br>-503 Apr 22 j 21:53   | 2° <b>8</b> 05'20   |                   | asc. node                   | -502 Mar 09 j 06:28   | 0° <b>Υ</b>   |                        |
| inferior conj                                    | -503 Apr 26 j 22:20  | 29° <b>Y</b> 56'06  | 10001/1           | evening max el              | -502 Mar 16 j 21:37   | 9° <b>Υ</b> 51'51   | 19°55'09               |
| minimum elong                                    | -503 Apr 26 j 19:05  | 0° <b>8</b> 00'41   |                   | retrograde                  | -502 Mar 26 j 23:22   | 14° <b>Υ</b> 41'29  | 19 33 09               |
| minimum ciong                                    |  | 0 00041<br>30°RΥ  | 1 0/32            | Č                           |   | 14 <b>γ</b> 41 29<br>14° <b>γ</b> 29'31                                   |                        |
| i D4b. Ji.4                                      | -503 Apr 26 j 19:34  | •   | 0.55011 ATT       | evening set                 | -502 Mar 29 j 02:23   |   | 0949140                |
| min. Earth dist.                                 | -503 Apr 27 j 10:51  | 29° <b>Y</b> 38'28  | 0.55011 AU        | inferior conj               | -502 Apr 06 j 21:33   | 10° <b>℃</b> 28'48  | 0°48'49                |
| morning rise                                     | -503 May 06 j 00:01  | 25° <b>Y</b> 52'55  |                   | minimum elong               | -502 Apr 06 j 23:39   | 10° <b>℃</b> 25'34  | 0°48'07                |
| direct   | -503 May 09 j 04:37  | 25° <b>Y</b> 30'52  |                   | min. Earth dist.            | -502 Apr 09 j 01:03   | 9° <b>Υ</b> 10'08   | 0.55600 AU             |
|  | -503 May 20 j 03:10  | 0°8   | 22027107          | desc. node                  | -502 Apr 09 j 18:55   | 8° <b>Υ</b> 43'40   |                        |
| morning max el                                   | -503 May 21 j 23:56  | 1° <b>8</b> 37'36   | 22°27'06          | morning rise                | -502 Apr 15 j 18:42   | 5° <b>Υ</b> 58'22   |                        |
| asc. node  | -503 Jun 09 j 21:22  | 0° <b>Ⅱ</b> 09'51   |                   | direct                      | -502 Apr 19 j 20:03   | 5° <b>Υ</b> 22'02   | 2 400 5142             |
|  | -503 Jun 09 j 19:24  | 0°II  |                   | morning max el              | -502 May 03 j 16:28   | 12° <b>Y</b> 15′23  | 24°07′43               |
| morning set                                      | -503 Jun 12 j 20:37  | 6° <b>Ⅱ</b> 14′28   |                   | _                           | -502 May 17 j 04:41   | 0° <b>8</b>   |                        |
|  |  | 🗕   |                   | asc. node                   | -502 May 27 j 18:27   | 19° <b>8</b> 59'35  |                        |
| superior conj                                    | -503 Jun 20 j 01:26  | 21° <b>Ⅱ</b> 30'49  |                   | morning set                 | -502 May 28 j 08:27   | 21° <b>8</b> 12'58  |                        |
| minimum elong                                    | -503 Jun 19 j 23:01  | 21° <b>Ⅱ</b> 18′02  |                   |                             | -502 Jun 01 j 10:56   | $\Pi$ °0  |                        |
| max. Earth dist.                                 | -503 Jun 23 j 02:59  |   | 1.34290 AU        |                             |   | _   |                        |
|  | -503 Jun 24 j 03:10  | 0° <b>©</b>   |                   | superior conj               | -502 Jun 04 j 09:21   | 6° <b>Ⅲ</b> 21'17   |                        |
| evening rise                                     | -503 Jun 27 j 22:42  | 7° <b>©</b> 38'03   |                   | minimum elong               | -502 Jun 04 j 06:52   | 6° <b>Ⅱ</b> 07'53   |                        |
|  | -503 Jul 10 j 10:10  | $0$ $\circ$ $\Omega$  |                   | max. Earth dist.            | -502 Jun 06 j 05:52   | 10° <b>Ⅱ</b> 20'39  | 1.33273 AU             |
| desc. node                                       | -503 Jul 19 j 21:15  | 14° <b>Ω</b> 17'40  |                   | evening rise                | -502 Jun 11 j 18:30   | 21° <b>Ⅱ</b> 52'01  |                        |
| evening max el                                   | -503 Aug 01 j 15:41  | 29° <b>Ω</b> 31'12  | 27°08'49          |                             | -502 Jun 15 j 21:58   | 0ം <b>ഉ</b>   |                        |
|  | -503 Aug 02 j 03:50  | 0° <b>m</b> ∕   |                   |                             | -502 Jul 04 j 06:52   | $0$ $\circ$ $\Omega$  |                        |
| retrograde                                       | -503 Aug 14 j 23:18  | 6° Mp 50′24   |                   | desc. node                  | -502 Jul 06 j 18:15   | 3° <b>Ω</b> 15'48   |                        |
| evening set                                      | -503 Aug 21 j 22:21  | 4° Mp 04'08   |                   | evening max el              | -502 Jul 15 j 02:06   | 12° <b>Ω</b> 37'48  | 27°25'25               |
| min. Earth dist.                                 | -503 Aug 25 j 17:53  | 0° m/22'07  | 0.65038 AU        | retrograde                  | -502 Jul 28 j 18:19   | 19° <b>Ω</b> 58'10  |                        |
|  | -503 Aug 26 j 01:53  | 30°R <b>Ω</b>   |                   | evening set                 | -502 Aug 04 j 23:00   | 17° <b>Ω</b> 19'07  |                        |
| inferior conj                                    | -503 Aug 27 j 20:04  | 28° <b>Ω</b> 01'19  |                   | min. Earth dist.            | -502 Aug 08 j 13:35   | 14° <b>Ω</b> 10′08  | 0.63496 AU             |
| minimum elong                                    | -503 Aug 28 j 00:11  | 27° <b>Ω</b> 49'44  | 2°49'53           | inferior conj               | -502 Aug 11 j 05:01   | 11° <b>Ω</b> 29′25  |                        |
| morning rise                                     | -503 Sep 03 j 02:41  | 22° <b>Ω</b> 27'45  |                   | minimum elong               | -502 Aug 11 j 09:40   | 11° <b>Ω</b> 17'35  | 3°38'45                |
| direct   | -503 Sep 05 j 20:41  | 21° <b>Ω</b> 47'18  |                   | morning rise                | -502 Aug 17 j 21:26   | 6° <b>Ω</b> 13'06   |                        |
| asc. node  | -503 Sep 05 j 20:33  | 21° <b>Ω</b> 47'18  |                   | direct                      | -502 Aug 20 j 11:03   | 5° <b>Ω</b> 41'10   |                        |
| morning max el                                   | -503 Sep 12 j 09:17  | 25° <b>Ω</b> 18'17  | 18°09'40          | asc. node                   | -502 Aug 23 j 17:38   | 6° <b>Ω</b> 33'49   |                        |
|  | -503 Sep 16 j 07:15  | 0° <b>m</b> y   |                   | morning max el              | -502 Aug 27 j 00:58   | 9° <b>Ω</b> 06'37   | 17°54'27               |
| morning set                                      | -503 Sep 30 j 16:08  | 22° <b>m</b> 51'28  |                   |                             | -502 Sep 09 j 22:18   | 0° <b>m</b> y   |                        |
|  | -503 Oct 04 j 23:49  | 0∘ <b>亚</b>   |                   | morning set                 | -502 Sep 12 j 17:44   | 4° <b>m</b> 53'39   |                        |
|  |  |   |                   |                             |   |   |                        |
| superior conj                                    | -503 Oct 14 j 21:19  | 16° <b>≏</b> 00'32  | 0°06'23           | superior conj               | -502 Sep 24 j 22:22   | $25^{\circ}$ My $40^{\circ}$ $55$   | 0°50'06                |
| minimum elong                                    | -503 Oct 14 j 22:07  | 16° <b>ჲ</b> 03'43  | 0°06'15           | minimum elong               | -502 Sep 25 j 03:05   | $26^{\circ}$ My $00'23$   | 0°49'30                |
| behind sun begin                                 |  | 150 0 22120   |                   |                             | -502 Sep 27 j 13:28   | 0∘ <b>⊽</b>   |                        |
| bennia sun begin                                 | -503 Oct 14 j 12:01  | 15° <b>≏</b> 23'29  |                   |                             |   |   |                        |
| behind sun end                                   | -503 Oct 14 j 12:01<br>-503 Oct 15 j 08:12   | 15 <b>2</b> 23 29 16° <b>2</b> 43'53  |                   | max. Earth dist.            | -502 Oct 01 j 01:34   | 5° <b>≙</b> 39'54   | 1.43913 AU             |
| •  | ·  |   |                   | max. Earth dist. desc. node | -502 Oct 01 j 01:34<br>-502 Oct 02 j 17:37                        | 5° <b>£</b> 39'54<br>8° <b>£</b> 19'49                                    | 1.43913 AU             |
| behind sun end                                   | -503 Oct 15 j 08:12  | 16° <b>£</b> 43'53<br>17° <b>£</b> 33'09  | 1.44804 AU        |                             | -   | 8° <b>£</b> 19'49<br>20° <b>£</b> 48'11                                   | 1.43913 AU             |
| behind sun end<br>desc. node                     | -503 Oct 15 j 08:12<br>-503 Oct 15 j 20:36<br>-503 Oct 18 j 09:15<br>-503 Oct 23 j 18:20 | 16° <b>Ω</b> 43'53<br>17° <b>Ω</b> 33'09<br>21° <b>Ω</b> 33'12<br>0° <b>M</b> . | 1.44804 AU        | desc. node                  | -502 Oct 02 j 17:37<br>-502 Oct 10 j 16:45<br>-502 Oct 16 j 17:06 | 8° <b>≏</b> 19'49   | 1.43913 AU             |
| behind sun end<br>desc. node                     | -503 Oct 15 j 08:12<br>-503 Oct 15 j 20:36<br>-503 Oct 18 j 09:15                        | 16° <b>♀</b> 43'53<br>17° <b>♀</b> 33'09<br>21° <b>♀</b> 33'12                  | 1.44804 AU        | desc. node                  | -502 Oct 02 j 17:37<br>-502 Oct 10 j 16:45                        | 8° <b>£</b> 19'49<br>20° <b>£</b> 48'11                                   | 1.43913 AU             |
| behind sun end<br>desc. node<br>max. Earth dist. | -503 Oct 15 j 08:12<br>-503 Oct 15 j 20:36<br>-503 Oct 18 j 09:15<br>-503 Oct 23 j 18:20 | 16° <b>Ω</b> 43'53<br>17° <b>Ω</b> 33'09<br>21° <b>Ω</b> 33'12<br>0° <b>M</b> . | 1.44804 AU        | desc. node                  | -502 Oct 02 j 17:37<br>-502 Oct 10 j 16:45<br>-502 Oct 16 j 17:06 | 8° <b>ଛ</b> 19'49<br>20° <b>ଛ</b> 48'11<br>0° <b>୮</b> ୯<br>0° <b>४</b> ' | 1.43913 AU<br>20°47'12 |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 214 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | ical year style is used: Tl                | he year -900 in     | astronomical cour | nting style is the year | 901 BCE in historical cou                  | nting style.                    |             |
|--------------------------------|--|---------------------|-------------------|-------------------------|--|---------------------------------|-------------|
| retrograde                     | -502 Nov 16 j 18:26                        | 6° <b>₰</b> 19'50   |                   | evening max el          | -501 Oct 22 j 07:44                        | 14°M55'07                       | 22°00'51    |
| asc. node                      | -502 Nov 19 j 16:50                        | 5° <b>∡</b> ³30'53  |                   | retrograde              | -501 Oct 31 j 14:36                        | 20°M26'25                       |             |
| evening set                    | -502 Nov 20 j 16:24                        | 4° <b>₹</b> 52'05   |                   | evening set             | -501 Nov 05 j 00:10                        | 18° <b>M</b> 41'35              |             |
|                                | -502 Nov 25 j 02:55                        | 30°RM₊              |                   | asc. node               | -501 Nov 06 j 13:53                        | 17° <b>M</b> 12'51              |             |
| inferior conj                  | -502 Nov 26 j 01:53                        | 28°M42′06           | 2°03'58           | inferior conj           | -501 Nov 10 j 08:27                        | 12°M24'16                       | 1°16'24     |
| minimum elong                  | -502 Nov 25 j 23:26                        | 28°M50'30           | 2°03'04           | minimum elong           | -501 Nov 10 j 06:46                        | 12°M30'04                       | 1°15'42     |
| min. Earth dist.               | -502 Nov 26 j 14:33                        | 27°M58'51           | 0.67230 AU        | min. Earth dist.        | -501 Nov 10 j 10:04                        | 12° <b>M</b> ₊18'39             | 0.67588 AU  |
| morning rise                   | -502 Dec 01 j 06:16                        | 22°M28'19           |                   | morning rise            | -501 Nov 15 j 13:13                        | 6°M11'32                        |             |
| direct                         | -502 Dec 06 j 16:34                        | 20°M₀05'41          |                   | direct                  | -501 Nov 20 j 08:23                        | 4° <b>™</b> 10'49               |             |
| morning max el                 | -502 Dec 17 j 17:00                        | 26°M40'13           | 24°09'53          | morning max el          | -501 Nov 30 j 03:08                        | 9° <b>ጤ</b> 59'05               | 22°42'09    |
|                                | -502 Dec 20 j 19:10                        | 0° <b>∡</b> ¹       |                   |                         | -501 Dec 15 j 20:11                        | 0° <b>∡</b> ¹                   |             |
| desc. node                     | -502 Dec 29 j 16:50                        | 11° <b>∡</b> 15'54  |                   | desc. node              | -501 Dec 16 j 13:52                        | 1° <b>х¹</b> 03'34              |             |
|                                | -501 Jan 11 j 11:00                        | 0°ರ                 |                   | morning set             | -500 Jan 03 j 04:22                        | 28° <b>∡</b> 12'18              |             |
| morning set                    | -501 Jan 22 j 11:28                        | 18° <b>පි</b> 07'06 |                   |                         | -500 Jan 04 j 06:29                        | 8°0                             |             |
| max. Earth dist.               | -501 Jan 26 j 05:54                        | 24° <b>ප්</b> 45'21 | 1.38127 AU        | max. Earth dist.        | -500 Jan 08 j 01:34                        | 6° <b>る</b> 22'49               | 1.40252 AU  |
|                                | -501 Jan 29 j 03:08                        | 0° <b>≈</b>         |                   |                         |  |                                 |             |
|                                |  |                     |                   | superior conj           | -500 Jan 15 j 20:36                        | 20° <b>පි</b> 06'04             | -1°59'17    |
| superior conj                  | -501 Feb 02 j 08:02                        | 7° <b>≈</b> 53'36   | -1°47'20          | minimum elong           | -500 Jan 15 j 22:20                        | 20° <b>ප</b> 13'55              | 1°59'14     |
| minimum elong                  | -501 Feb 02 j 11:34                        | 8° <b>≈</b> 10′25   | 1°47'02           |                         | -500 Jan 21 j 05:06                        | 0° <b>≈</b>                     |             |
| evening rise                   | -501 Feb 11 j 03:32                        | 25°≈08'04           |                   | evening rise            | -500 Jan 25 j 16:49                        | 8° <b>≈</b> 29'28               |             |
| •                              | -501 Feb 13 j 15:17                        | 0° <b>∀</b>         |                   | asc. node               | -500 Feb 02 j 13:11                        | 22° <b>≈</b> 53'12              |             |
| asc. node                      | -501 Feb 15 j 16:10                        | 3° <b>)</b> 53′08   |                   |                         | -500 Feb 07 j 02:39                        | 0° <b>)</b> €                   |             |
| evening max el                 | -501 Feb 27 j 17:55                        | 21° <b>¥</b> 56'18  | 18°59'38          | evening max el          | -500 Feb 10 j 22:36                        | 4° <b>)</b> (32′19              | 18°24'07    |
| retrograde                     | -501 Mar 08 j 05:55                        | 26° <b>)</b> €01'58 |                   | retrograde              | -500 Feb 18 j 07:22                        | 8° <b>¥</b> 10'17               |             |
| evening set                    | -501 Mar 10 j 12:40                        | 25° <b>)</b> 45'30  |                   | evening set             | -500 Feb 20 j 19:16                        | 7° <b>)</b> 46′28               |             |
| inferior conj                  | -501 Mar 18 j 13:15                        | 21° <b>)</b> (30'31 | 2°23'06           | inferior conj           | -500 Feb 28 j 01:54                        | 3° <b>)</b> 11′08               | 3°21'55     |
| minimum elong                  | -501 Mar 18 j 17:41                        | 21° <b>)</b> (22'42 |                   | minimum elong           | -500 Feb 28 j 05:19                        | 3° <b>)</b> €04'04              | 3°21'19     |
| min. Earth dist.               | -501 Mar 21 j 17:00                        | 19° <b>)</b> 18'05  | 0.57017 AU        | min. Earth dist.        | -500 Mar 02 j 12:17                        | 0° <b>¥</b> 23'06               | 0.58950 AU  |
| morning rise                   | -501 Mar 26 j 19:41                        | 16° <b>)</b> €27'23 | 0.57017110        | min. Burun dige.        | -500 Mar 03 j 00:19                        | 30°R≈                           | 0.00,00110  |
| desc. node                     | -501 Mar 27 j 15:57                        | 16° <b>)</b> €08'25 |                   | morning rise            | -500 Mar 06 j 12:58                        | 27° <b>≈</b> 41'15              |             |
| direct                         | -501 Apr 01 j 00:38                        | 15° <b>H</b> 22'54  |                   | direct                  | -500 Mar 12 j 18:20                        | 25°≈59'34                       |             |
| morning max el                 | -501 Apr 15 j 07:19                        | 22° <b>)</b> (46'49 | 25°42'47          | desc. node              | -500 Mar 13 j 13:00                        | 26°≈01'08                       |             |
| morning max or                 | -501 Apr 21 j 17:25                        | 0°Υ                 | 23 12 17          | dese. Hode              | -500 Mar 22 j 20:24                        | 0° <b>∀</b>                     |             |
|                                | -501 May 09 j 20:12                        | 0°8                 |                   | morning max el          | -500 Mar 27 j 01:56                        | 3° <b>¥</b> 39'34               | 26°57'09    |
| morning set                    | -501 May 12 j 20:11                        | 6° <b>8</b> 10'56   |                   | morning max ci          | -500 Apr 15 j 06:21                        | 0° <b>Υ</b>                     | 20 37 07    |
| asc. node                      | -501 May 14 j 15:29                        | 10° <b>8</b> 01'07  |                   | morning set             | -500 Apr 26 j 06:09                        | 21° <b>Υ</b> '02'39             |             |
| asc. node                      | -301 Way 14 j 13.27                        | 10 00107            |                   | morning set             | -500 Apr 30 j 10:43                        | 0°8                             |             |
| superior coni                  | -501 May 19 j 20:05                        | 21° <b>8</b> 19'10  | 0.52124           | asc. node               | -500 Apr 30 j 12:30                        | 0° <b>8</b> 09'43               |             |
| superior conj<br>minimum elong | • •  | 21° <b>8</b> 07'53  |                   | asc. Houe               | -300 Apr 30 J 12.30                        | 0 00943                         |             |
| max. Earth dist.               | -501 May 20 j 15:21                        |                     | 1.32639 AU        | superior conj           | -500 May 03 j 07:48                        | 6° <b>8</b> 18'08               | 0°29'18     |
| max. Earth dist.               | -501 May 20 j 13.21<br>-501 May 23 j 20:07 | 0°II                | 1.32039 AU        | minimum elong           | -500 May 03 j 06:32                        | 6° <b>8</b> 11'10               | 0°29'02     |
|                                |  | 6° <b>Ⅱ</b> 28'05   |                   | max. Earth dist.        | -500 May 03 j 04:06                        | 5° <b>8</b> 57'45               | 1.32373 AU  |
| evening rise                   | -501 May 26 j 21:48<br>-501 Jun 08 j 11:15 | 0 <b>п</b> 2803     |                   | evening rise            | • •  | 21° <b>8</b> 17'27              | 1.32373 AU  |
| desc. node                     |  |                     |                   | evening rise            | -500 May 10 j 06:01                        | 21 <b>3</b> 1727<br>0° <b>Ⅱ</b> |             |
|                                | -501 Jun 23 j 15:15<br>-501 Jun 27 j 09:00 | 21°9518'50          | 27910/22          |                         | -500 May 14 j 12:39                        | 0°©                             |             |
| evening max el                 | 3  | 25°©11'45           | 27 10 22          |                         | -500 Jun 02 j 01:18                        |                                 | 26022110    |
|                                | -501 Jul 03 j 11:31                        | 0° <b>Ω</b>         |                   | evening max el          | -500 Jun 08 j 09:53<br>-500 Jun 09 j 12:16 | 7°502'25                        | 26°22'18    |
| retrograde                     | -501 Jul 11 j 06:36                        | 2° <b>Ω</b> 29'38   |                   | desc. node              | 3  | 8°503'22                        |             |
| evening set                    | -501 Jul 18 j 08:17                        | 0° <b>Ω</b> 11'47   |                   | retrograde              | -500 Jun 22 j 10:27                        | 14°5516'34                      |             |
| i. Fauth diet                  | -501 Jul 18 j 15:31                        | 30°R≌               | 0.61625 AII       | evening set             | -500 Jun 28 j 21:35                        | 12°532'21                       | 0.50504.411 |
| min. Earth dist.               | -501 Jul 21 j 23:08                        | 27°526'01           | 0.61635 AU        | min. Earth dist.        | -500 Jul 02 j 22:56                        | 9°954'22                        | 0.59594 AU  |
| inferior conj                  | -501 Jul 25 j 01:56                        | 24°538'15           |                   | inferior conj           | -500 Jul 06 j 07:11                        | 7°517'50                        |             |
| minimum elong                  | -501 Jul 25 j 05:54                        | 24°529'19           | 4°18'16           | minimum elong           | -500 Jul 06 j 08:34                        | 7°515'07                        | 4°40'30     |
| morning rise                   | -501 Aug 01 j 05:03                        | 19°542'02           |                   | morning rise            | -500 Jul 13 j 21:38                        | 2°543'53                        |             |
| direct                         | -501 Aug 03 j 16:45                        | 19° <b>©</b> 15'54  | 15055145          | direct                  | -500 Jul 16 j 09:35                        | 2°521'39                        | 10000110    |
| morning max el                 | -501 Aug 10 j 15:17                        | 22°544'19           | 17°57'45          | morning max el          | -500 Jul 24 j 01:12                        | 6°502'46                        | 18°20'40    |
| asc. node                      | -501 Aug 10 j 14:42                        | 22°542'53           |                   | asc. node               | -500 Jul 27 j 11:44                        | 9° <b>©</b> 58'35               |             |
|                                | -501 Aug 16 j 07:46                        | 0° <b>Ω</b>         |                   | •                       | -500 Aug 08 j 06:42                        | 0° <b>N</b>                     |             |
| morning set                    | -501 Aug 26 j 14:50                        | 17° <b>Ω</b> 52'16  |                   | morning set             | -500 Aug 09 j 01:59                        | 1° <b>Ω</b> 31'44               |             |
|                                | -501 Sep 02 j 07:30                        | 0° <b>m</b>         |                   |                         | <b>500</b> 4 10:                           | 100 0                           | 1000:55     |
|                                |  |                     |                   | superior conj           | -500 Aug 18 j 08:00                        | 18° <b>Ω</b> 57'20              | 1°39'56     |
| superior conj                  | -501 Sep 06 j 02:57                        | 6° Mp 42′53         |                   | minimum elong           | -500 Aug 18 j 10:47                        | 19° <b>Ω</b> 10′05              | 1°39'46     |
| minimum elong                  | -501 Sep 06 j 07:41                        | 7° <b>™</b> 03'26   | 1°21'03           |                         | -500 Aug 24 j 12:25                        | 0° <b>m</b> )                   |             |
| max. Earth dist.               | -501 Sep 13 j 13:27                        | 19° <b>m</b> 18'34  | 1.42440 AU        | max. Earth dist.        | -500 Aug 25 j 20:11                        | 2° m 17'12                      | 1.40574 AU  |
| desc. node                     | -501 Sep 19 j 14:37                        | 29° Mp 05'06        |                   | evening rise            | -500 Aug 30 j 11:17                        | 10° <b>m</b> 04'37              |             |
| evening rise                   | -501 Sep 20 j 04:14                        | 29° <b>m</b> 58'57  |                   | desc. node              | -500 Sep 05 j 11:38                        | 19° <b>m</b> 44'57              |             |
|                                | -501 Sep 20 j 04:30                        | 0∘ <b>亚</b>         |                   |                         | -500 Sep 12 j 04:42                        | 0∘ <b>ত</b>                     |             |
|                                | -501 Oct 10 j 08:01                        | 0°M₊                |                   | evening max el          | -500 Oct 03 j 22:34                        | 28° <b>≏</b> 25'39              | 23°20'24    |
|                                |  |                     |                   |                         |  |                                 |             |

| ,                                 | ,  |   | •                  | //                             | AG 18-Feb-2025 14   | , ,                                      | ge 215             |
|-----------------------------------|--|---|--------------------|--------------------------------|---|--|--------------------|
| Attention, astronom               |  | -   | astronomical cou   | inting style is the year       | 901 BCE in historical cou   |  |                    |
| _                                 | -500 Oct 05 j 14:00  | 0°M,  |                    |                                | -499 Sep 06 j 04:21   | 0∘ <b>亚</b>                              |                    |
| retrograde                        | -500 Oct 14 j 08:00  | 4°M34'26  |                    | evening max el                 | -499 Sep 16 j 10:31   | 11° <b>≏</b> 58'58                       | 24°39'34           |
| evening set                       | -500 Oct 19 j 06:57  | 2°M31'20  |                    | retrograde                     | -499 Sep 27 j 21:38   | 18° <b>≙</b> 40'23                       |                    |
|                                   | -500 Oct 21 j 17:36  | 30° <b>₹</b> Ω  |                    | evening set                    | -499 Oct 03 j 11:06   | 16° <b>≏</b> 19'26                       |                    |
| asc. node                         | -500 Oct 23 j 10:56  | 27° <b>≏</b> 47'32  |                    | min. Earth dist.               | -499 Oct 08 j 01:55   |  | 0.67330 AU         |
| inferior conj                     | -500 Oct 24 j 15:28  | 26° <b>≏</b> 10'13  |                    | inferior conj                  | -499 Oct 08 j 21:15   | 9° <b>ჲ</b> 58'21                        |                    |
| minimum elong                     | -500 Oct 24 j 14:53  | 26° <b>≏</b> 12'13  | 0°24'20            | minimum elong                  | -499 Oct 08 j 21:59   | 9° <b>£</b> 55'54                        | 0°29'39            |
| min. Earth dist.                  | -500 Oct 24 j 06:38  | 26° <b>≏</b> 40'32  | 0.67620 AU         | asc. node                      | -499 Oct 10 j 07:59   | 8° <b>ഫ</b> 04'35                        |                    |
| morning rise                      | -500 Oct 29 j 22:45  | 20° <b>ჲ</b> 01'03  |                    | morning rise                   | -499 Oct 14 j 08:56   | 3° <b>≏</b> 55'14                        |                    |
| direct                            | -500 Nov 03 j 03:37  | 18° <b>≏</b> 22'48  |                    | direct                         | -499 Oct 18 j 01:07   | 2° <b>≏</b> 37'36                        |                    |
| morning max el                    | -500 Nov 11 j 18:38  | 23° <b>£</b> 25'53  | 21°19'15           | morning max el                 | -499 Oct 25 j 17:38   | 7° <b>ჲ</b> 03'05                        | 20°06'58           |
|                                   | -500 Nov 17 j 10:35  | 0°M₊  |                    |                                | -499 Nov 11 j 16:31   | 0°M                                      |                    |
| desc. node                        | -500 Dec 02 j 10:54  | 21°M13'01   |                    | desc. node                     | -499 Nov 19 j 07:57   | 11°M38'02                                |                    |
|                                   | -500 Dec 08 j 05:39  | 0° <b>∡</b> ¹   |                    | morning set                    | -499 Nov 21 j 13:49   | 15° <b>™</b> 05'43                       |                    |
| morning set                       | -500 Dec 12 j 16:53  | 6° <b>∡</b> ¹57'36  |                    |                                | -499 Dec 01 j 02:06   | 0° <b>∡</b> 7                            |                    |
| max. Earth dist.                  | -500 Dec 20 j 03:41  | 18° <b>₰</b> 56'07  | 1.42234 AU         | max. Earth dist.               | -499 Dec 02 j 13:21   | 2° <b>≯</b> ¹20'33                       | 1.43800 AU         |
|                                   | -500 Dec 26 j 18:06  | 0°ರ   |                    |                                |   |  |                    |
|                                   |  |   |                    | superior conj                  | -499 Dec 07 j 23:54   | 11° <b>∡</b> ¹08′28                      | -1°43'31           |
| superior conj                     | -500 Dec 27 j 11:27  | 1°る14'22  | -1°59'30           | minimum elong                  | -499 Dec 07 j 17:09   | 10° <b>∡</b> ¹40'53                      | 1°43'01            |
| minimum elong                     | -500 Dec 27 j 09:20  | 1° <b>る</b> 05'17   | 1°59'27            |                                | -499 Dec 19 j 05:30   | 0°ප                                      |                    |
| evening rise                      | -499 Jan 07 j 17:00  | 21° <b>る</b> 10'22  |                    | evening rise                   | -499 Dec 20 j 23:51   | 3° <b>ප</b> 02'16                        |                    |
|                                   | -499 Jan 12 j 14:33  | 0° <b>≈</b>   |                    | asc. node                      | -498 Jan 06 j 07:15   | 29° <b>る</b> 01'27                       |                    |
| asc. node                         | -499 Jan 19 j 10:12  | 11° <b>≈</b> 19'30  |                    |                                | -498 Jan 07 j 03:50   | 0° <b>≈</b>                              |                    |
| evening max el                    | -499 Jan 24 j 08:35  | 17° <b>≈</b> 31'16  | 18°08'32           | evening max el                 | -498 Jan 07 j 20:55   | 0° <b>≈</b> 44'50                        | 18°12'19           |
| retrograde                        | -499 Jan 31 j 01:55  | 20°≈57'31   |                    | retrograde                     | -498 Jan 14 j 08:53   | 4°≈12'45                                 |                    |
| evening set                       | -499 Feb 02 j 18:11  | 20°≈25'05   |                    | evening set                    | -498 Jan 17 j 05:24   | 3° <b>≈</b> 30'51                        |                    |
| inferior conj                     | -499 Feb 09 j 10:07  |   | 3°48'24            |                                | -498 Jan 21 j 17:37   | 30°Rる                                    |                    |
| minimum elong                     | -499 Feb 09 j 11:15  | 15° <b>≈</b> 25'35  | 3°48'20            | inferior conj                  | -498 Jan 23 j 10:07   | 28° <b>る</b> 13'49                       | 3°50'19            |
| min. Earth dist.                  | -499 Feb 12 j 14:02  | 12°≈28'57   | 0.61036 AU         | minimum elong                  | -498 Jan 23 j 09:11   |  |                    |
| morning rise                      | -499 Feb 16 j 02:47  | 9° <b>≈</b> 40'16   | 0.01030110         | min. Earth dist.               | -498 Jan 26 j 00:53   | 25° <b>る</b> 25'42                       |                    |
| direct                            | -499 Feb 22 j 22:49  | 7°≈22'59  |                    | morning rise                   | -498 Jan 29 j 12:07   | 22°る14'24                                | 0.03003710         |
| desc. node                        | -499 Feb 28 j 10:02  | 8°≈42'23  |                    | direct                         | -498 Feb 05 j 12:14   | 19° <b>る</b> 32'10                       |                    |
| morning max el                    | -499 Mar 09 j 03:00  | 15°≈11'32   | 27°39'21           | desc. node                     | -498 Feb 15 j 07:06   | 23°る44'19                                |                    |
| morning max or                    | -499 Mar 21 j 04:10  | 0° <b>∀</b>   | 2, 3, 21           | morning max el                 | -498 Feb 19 j 09:32   | 27° <b>ට</b> 23'45                       | 27°44'34           |
|                                   | -499 Apr 07 j 16:46  | 0° <b>Υ</b>   |                    | morning max cr                 | -498 Feb 21 j 21:14   | 27 <b>O</b> 23 43                        | 21 44 34           |
| morning set                       | -499 Apr 10 j 12:32  | 5° <b>Υ</b> 41'59   |                    |                                | -498 Mar 14 j 19:58   | 0 <b>∞</b><br>0° <b>∀</b>                |                    |
| max. Earth dist.                  | -499 Apr 16 j 16:14  | 18° <b>Y</b> 47'00  | 1.32465 AU         | morning set                    | -498 Mar 25 j 13:04   | 20° <b>∺</b> 00'05                       |                    |
|                                   | -499 Apr 17 j 09:32  | 20° <b>Υ</b> 21'18  | 1.32403 AU         | morning set                    | -498 Mar 30 j 09:09   | 20 <b>γ</b> (00 03                       |                    |
| asc. node                         | -499 Apr 1/J 09.32   | 20 12116  |                    | max. Earth dist.               | 3   | • •                                      | 1.32936 AU         |
| superior conj                     | 400 Apr. 17: 19:55   | 21° <b>Y</b> 12'36  | 0°04'09            | max. Earth dist.               | -498 Mar 30 j 23:33   | 1 11028                                  | 1.32930 AU         |
| 1 ,                               | -499 Apr 17 j 18:55<br>-499 Apr 17 j 18:44   | $21^{\circ}$ <b>Y</b> 11'33                                   | 0°04'07            | aumorior aoni                  | 400 Amm 02:02:20  | 5° <b>Y</b> 55'30                        | 0922115            |
| minimum elong                     |  |   | 0 0407             | superior conj                  | -498 Apr 02 j 03:38   |  |                    |
| behind sun begin                  | -499 Apr 17 j 13:49  | 20° <b>Υ</b> 44'43<br>21° <b>Υ</b> 38'25                      |                    | minimum elong                  | -498 Apr 02 j 04:41<br>-498 Apr 04 j 06:33                        | 6° <b>Υ</b> 01'12<br>10° <b>Υ</b> 30'53  | 0-2202             |
| behind sun end                    | -499 Apr 17 j 23:38  |   |                    | asc. node                      |   | 10° γ 30′53<br>21° <b>Υ</b> ′05′56       |                    |
|                                   | -499 Apr 21 j 19:30  | 0°8<br>6°812'44   |                    | evening rise                   | -498 Apr 09 j 04:47   |  |                    |
| evening rise                      | -499 Apr 24 j 17:00  |   |                    |                                | -498 Apr 13 j 13:03   | 0°8                                      | 22022147           |
|                                   | -499 May 07 j 06:46  | 0°II  | 25006112           | evening max el                 | -498 May 02 j 18:32   | 28° <b>8</b> 47'29                       | 23°33'4/           |
| evening max el                    | -499 May 21 j 03:59  | 18° <b>Ⅱ</b> 09'18  | 25°06'12           |                                | -498 May 04 j 01:58   | 0°П                                      |                    |
| desc. node                        | -499 May 27 j 09:16  | 22° <b>II</b> 58'25   |                    | desc. node                     | -498 May 14 j 06:18   | 5° <b>Ⅱ</b> 26'29                        |                    |
| retrograde                        | -499 Jun 04 j 04:11  | 25° <b>Ⅱ</b> 17'03  |                    | retrograde                     | -498 May 16 j 10:05   | 5° <b>Ⅱ</b> 37'05                        |                    |
| evening set                       | -499 Jun 09 j 12:02  | 24° <b>Ⅱ</b> 11'41  | 0.555000.433       | evening set                    | -498 May 20 j 07:08   | 5° <b>Ⅱ</b> 03'57                        | 0.55000 111        |
| min. Earth dist.                  | -499 Jun 14 j 15:38  |   | 0.57608 AU         | min. Earth dist.               | -498 May 27 j 05:03   | 1° <b>∏</b> 51'54                        |                    |
| inferior conj                     | -499 Jun 17 j 17:30  | 19° <b>Ⅱ</b> 19'04  |                    | inferior conj                  | -498 May 29 j 07:42   | 0°∏36′06                                 |                    |
| minimum elong                     | -499 Jun 17 j 14:31  | 19° <b>Ⅲ</b> 24'09  | 4°33'36            | minimum elong                  | -498 May 29 j 00:58   | 0° <b>∏</b> 46′13                        | 3°45'09            |
| morning rise                      | -499 Jun 25 j 19:45  | 15° <b>Ⅱ</b> 06'57  |                    |                                | -498 May 30 j 07:54   | 30° <b>₹</b> 8                           |                    |
| direct                            | -499 Jun 28 j 09:13  | 14° <b>Ⅱ</b> 47'35  |                    | morning rise                   | -498 Jun 06 j 21:40   | 26° <b>8</b> 39'17                       |                    |
| morning max el                    | -499 Jul 07 j 03:50  | 18° <b>∏</b> 53'43  | 19°04'10           | direct                         | -498 Jun 09 j 13:21   | 26° <b>8</b> 21'45                       |                    |
| asc. node                         | -499 Jul 14 j 08:47  | 28° <b>Ⅱ</b> 06'50  |                    |                                | -498 Jun 18 j 13:30   | $\Pi$ °0                                 |                    |
|                                   | -499 Jul 15 j 12:37  | 0ಂ <b>ತಾ</b>  |                    | morning max el                 | -498 Jun 19 j 20:37   | 1° <b>Ⅱ</b> 07'38                        | 20°08'34           |
| morning set                       | -499 Jul 23 j 23:06  | 15° <b>©</b> 41'28  |                    | asc. node                      | -498 Jul 01 j 05:51   | 16° <b>Ⅱ</b> 54'48                       |                    |
|                                   | -499 Jul 31 j 05:13  | $0$ $^{\circ}$ $\Omega$                                       |                    | morning set                    | -498 Jul 08 j 03:07   | 0° <b>©</b> 12'50                        |                    |
|                                   |  |   |                    |                                | -498 Jul 08 j 00:35   | $0$ $\circ$ $\odot$                      |                    |
|                                   |  |   |                    |                                |   |  |                    |
| superior conj                     | -499 Aug 01 j 07:52  | 2° <b>Ω</b> 08′56   | 1°47'08            |                                |   |  |                    |
| superior conj<br>minimum elong    | -499 Aug 01 j 07:52<br>-499 Aug 01 j 08:28   | 2° <b>Ω</b> 11'48   | 1°47'08<br>1°47'08 | superior conj                  | -498 Jul 15 j 21:19   | 16° <b>©</b> 02'07                       | 1°45'26            |
|                                   | <b>C</b> 3   | 2° <b>Ω</b> 11'48<br>14° <b>Ω</b> 33'24                       |                    | superior conj<br>minimum elong | -498 Jul 15 j 21:19<br>-498 Jul 15 j 20:13                        | 16° <b>©</b> 02'07<br>15° <b>©</b> 56'35 | 1°45'26<br>1°45'23 |
| minimum elong                     | -499 Aug 01 j 08:28  | 2° <b>Ω</b> 11'48<br>14° <b>Ω</b> 33'24<br>21° <b>Ω</b> 21'12 | 1°47'08            |                                | -498 Jul 15 j 20:13<br>-498 Jul 21 j 03:52                        | 15°©56'35<br>26°©23'16                   |                    |
| minimum elong<br>max. Earth dist. | -499 Aug 01 j 08:28<br>-499 Aug 07 j 23:17<br>-499 Aug 11 j 19:22<br>-499 Aug 16 j 22:08 | 2° <b>Ω</b> 11'48<br>14° <b>Ω</b> 33'24                       | 1°47'08            | minimum elong                  | -498 Jul 15 j 20:13<br>-498 Jul 21 j 03:52<br>-498 Jul 23 j 01:44 | 15°©56'35<br>26°©23'16<br>0° <b>Ω</b>    | 1°45'23            |
| minimum elong<br>max. Earth dist. | -499 Aug 01 j 08:28<br>-499 Aug 07 j 23:17<br>-499 Aug 11 j 19:22                        | 2° <b>Ω</b> 11'48<br>14° <b>Ω</b> 33'24<br>21° <b>Ω</b> 21'12 | 1°47'08            | minimum elong                  | -498 Jul 15 j 20:13<br>-498 Jul 21 j 03:52                        | 15°©56'35<br>26°©23'16                   | 1°45'23            |

| 2                               | omena of Mercury                           |                                   | · ·              | //                              |  | , ,                             | ge 216      |
|---------------------------------|--|-----------------------------------|------------------|---------------------------------|--|---------------------------------|-------------|
| Attention, astronom             |  | -                                 | astronomical cou |                                 | 901 BCE in historical cou                  |                                 |             |
|                                 | -498 Aug 09 j 21:31                        | 0° <b>т</b> р                     |                  | desc. node                      | -497 Jul 28 j 02:42                        | 20° <b>Ω</b> 24'03              |             |
| desc. node                      | -498 Aug 10 j 05:40                        | 0° <b>Тр</b> 30'36                |                  |                                 | -497 Aug 04 j 05:42                        | 0° <b>™</b>                     |             |
| evening max el                  | -498 Aug 29 j 21:50                        | 25° m 34'48                       | 25°51'04         | evening max el                  | -497 Aug 12 j 09:41                        | 9° <b>m</b> 08'05               | 26°46'57    |
|                                 | -498 Sep 04 j 04:15                        | 0∘ <b>ত</b>                       |                  | retrograde                      | -497 Aug 25 j 10:51                        | 16°Mp24'31                      |             |
| retrograde                      | -498 Sep 11 j 06:51                        | 2° <b>≏</b> 39'21                 |                  | evening set                     | -497 Sep 01 j 03:46                        | 13° <b>m</b> 39'48              |             |
| evening set                     | -498 Sep 17 j 10:47                        | 0° <b>ჲ</b> 03'33                 |                  | min. Earth dist.                | -497 Sep 05 j 03:14                        | 9° <b>m</b> 36'19               |             |
|                                 | -498 Sep 17 j 12:26                        | 30°R, MD                          |                  | inferior conj                   | -497 Sep 06 j 21:48                        | 7° <b>m</b> 30'37               |             |
| min. Earth dist.                | -498 Sep 21 j 17:35                        | -                                 | 0.66709 AU       | minimum elong                   | -497 Sep 07 j 01:18                        | 7° <b>m</b> )20'17              | 2°19'31     |
| inferior conj                   | -498 Sep 23 j 00:02                        | 23° Mp 46'23                      |                  | morning rise                    | -497 Sep 12 j 23:19                        | 1°Mp48'19                       |             |
| minimum elong                   | -498 Sep 23 j 02:11                        | 23° <b>m</b> 39'33                | 1°24'48          | asc. node                       | -497 Sep 14 j 02:08                        | 1° <b>m</b> )19'18              |             |
| asc. node                       | -498 Sep 27 j 05:03                        | 19° <b>m</b> 01'38                |                  | direct                          | -497 Sep 15 j 20:50                        | 1°Mp01'36                       |             |
| morning rise                    | -498 Sep 28 j 17:51                        | 17° <b>m</b> 52'10                |                  | morning max el                  | -497 Sep 22 j 11:54                        | 4° <b>™</b> 39'58               | 18°26'20    |
| direct                          | -498 Oct 01 j 23:30                        | 16° Mp 51'50                      |                  |                                 | -497 Oct 09 j 18:57                        | 0∘ <b>⊽</b>                     |             |
| morning max el                  | -498 Oct 08 j 23:59                        | 20° <b>m</b> 49'15                | 19°08'43         | morning set                     | -497 Oct 12 j 03:13                        | 3° <b>≏</b> 47'53               |             |
|                                 | -498 Oct 16 j 06:39                        | 0。 <b>ত</b>                       |                  | desc. node                      | -497 Oct 24 j 02:02                        | 22° <b>≏</b> 56'21              |             |
| morning set                     | -498 Oct 31 j 19:34                        | 23° <b>≏</b> 47'27                |                  |                                 |  |                                 |             |
|                                 | -498 Nov 04 j 18:47                        | $0^{\circ}$ M,                    |                  | superior conj                   | -497 Oct 27 j 11:42                        | 28° <b>≏</b> 18'48              | -0°22'08    |
| desc. node                      | -498 Nov 06 j 05:00                        | 2°M13'56                          |                  | minimum elong                   | -497 Oct 27 j 08:47                        | 28° <b>≙</b> 07'17              | 0°21'45     |
| max. Earth dist.                | -498 Nov 15 j 04:40                        | 16°M20′24                         | 1.44755 AU       |                                 | -497 Oct 28 j 13:24                        | $0^{\circ}$ M                   |             |
|                                 |  |                                   |                  | max. Earth dist.                | -497 Oct 28 j 22:59                        | 0° <b>ጤ</b> 37'40               | 1.44999 AU  |
| superior conj                   | -498 Nov 17 j 11:25                        | 19°M56'39                         | -1°09'23         | evening rise                    | -497 Nov 12 j 18:21                        | 23°M53'22                       |             |
| minimum elong                   | -498 Nov 17 j 03:35                        | 19°M25'39                         | 1°08'30          |                                 | -497 Nov 16 j 15:27                        | 0° <b>∡</b> ¹                   |             |
| Č                               | -498 Nov 23 j 18:50                        | 0° <b>⊼</b>                       |                  | greatest brilliancy             | -497 Nov 22 j 20:04                        | 9° <b>∡</b> ¹42'09              | -0.8m       |
| evening rise                    | -498 Dec 02 j 09:07                        | 13° <b>∡</b> 757'47               |                  | evening max el                  | -497 Dec 05 j 18:21                        | 27° <b>∡</b> ³34'14             | 19°14'18    |
| C                               | -498 Dec 12 j 04:41                        | 8°0                               |                  | Č                               | -497 Dec 08 j 12:32                        | 0° <b>ح</b>                     |             |
| evening max el                  | -498 Dec 22 j 08:59                        | 14° <b>る</b> 07'36                | 18°34'38         | asc. node                       | -497 Dec 11 j 01:23                        | 1° <b>る</b> 19'43               |             |
| asc. node                       | -498 Dec 24 j 04:19                        | 15° <b>る</b> 46'40                |                  | retrograde                      | -497 Dec 12 j 19:34                        | 1° <b>る</b> 36'54               |             |
| retrograde                      | -498 Dec 28 j 23:57                        | 17° <b>る</b> 48'08                |                  | evening set                     | -497 Dec 16 j 03:38                        | 0° <b>る</b> 32'06               |             |
| evening set                     | -497 Jan 01 j 01:30                        | 16° <b>る</b> 55'36                |                  |                                 | -497 Dec 16 j 21:39                        | 30°R. <b>✓</b>                  |             |
| inferior conj                   | -497 Jan 06 j 22:01                        | 11°る20'22                         | 3°34'38          | inferior conj                   | -497 Dec 21 j 18:20                        | 24° <b>х</b> 41'02              | 3°06'20     |
| minimum elong                   | -497 Jan 06 j 19:46                        | 11° <b>る</b> 20′22                | 3°34'17          | minimum elong                   | -497 Dec 21 j 15:31                        | 24° <b>×</b> <sup>7</sup> 49'59 | 3°05'38     |
| min. Earth dist.                | -497 Jan 08 j 21:33                        | 8° <b>る</b> 59'38                 | 0.64675 AU       | min. Earth dist.                | -497 Dec 23 j 03:05                        | 22° <b>₹</b> 56'33              | 0.65972 AU  |
| morning rise                    | -497 Jan 12 j 13:33                        | 5° <b>る</b> 13'56                 | 0.01073110       | morning rise                    | -497 Dec 27 j 03:09                        | 18° <b>√</b> 30'19              | 0.03572710  |
| direct                          | -497 Jan 19 j 09:10                        | 2° <b>ප</b> 21'39                 |                  | direct                          | -496 Jan 02 j 12:13                        | 15° <b>⊀</b> '42'08             |             |
| morning max el                  | -497 Feb 01 j 18:52                        | 10°る07'42                         | 27°14'46         | morning max el                  | -496 Jan 15 i 04:17                        | 23°×10'18                       | 26°16'39    |
| desc. node                      | -497 Feb 02 j 04:10                        | 10 00742<br>10° <b>පි</b> 31'09   | 27 1440          | desc. node                      | -496 Jan 20 j 01:14                        | 28° <b>x</b> 10 18              | 20 10 39    |
| desc. flode                     | -497 Feb 17 j 11:20                        | 0°≈                               |                  | desc. Hode                      | -496 Jan 21 j 06:21                        | 20 × 32 13                      |             |
|                                 | -497 Mar 07 j 05:29                        | 0° <b>∺</b>                       |                  |                                 | -496 Feb 10 j 19:01                        | 0°≈                             |             |
| morning got                     | ,  | 3° <b>∺</b> 47'49                 |                  | mamina sat                      | 3  | 0 ≈<br>16°≈52'59                |             |
| morning set<br>max. Earth dist. | -497 Mar 09 j 04:51                        | 13° <b>)</b> 14'23                | 1.33834 AU       | morning set<br>max. Earth dist. | -496 Feb 20 j 08:01<br>-496 Feb 24 j 09:08 | 16 ≈32 39<br>24°≈37'26          | 1 25107 ATT |
| max. Earm dist.                 | -497 Mar 13 j 22:07                        | 13 X 14 23                        | 1.33834 AU       | max. Earth dist.                | -496 Feb 27 j 02:13                        | 24 ≈3726<br>0° <b>H</b>         | 1.35187 AU  |
|                                 | 407.14 17:00.05                            | 200 1/21/00                       | 0040153          |                                 | -490 Feb 2/J 02.13                         | 0 70                            |             |
| superior conj                   | -497 Mar 17 j 08:05                        | 20° <b>)</b> (21′00               |                  |                                 | 406 E 1 20:05 52                           | 40 142                          | 101.412.0   |
| minimum elong                   | -497 Mar 17 j 10:24                        | 20° <b>)</b> 33′13<br>0° <b>°</b> | 0°48'25          | superior conj                   | -496 Feb 29 j 05:53                        | 4° <b>)</b> €21'42              |             |
| ,                               | -497 Mar 21 j 21:07                        |                                   |                  | minimum elong                   | -496 Feb 29 j 09:14                        | 4° <b>)</b> 38'50               | 1°13'4/     |
| asc. node                       | -497 Mar 22 j 03:37                        | 0° <b>Υ</b> 34'30                 |                  | evening rise                    | -496 Mar 07 j 23:35                        | 20° <b>)</b> €21'59             |             |
| evening rise                    | -497 Mar 24 j 15:37                        | 5°Υ51'08                          |                  | asc. node                       | -496 Mar 08 j 00:41                        | 20° <b>)</b> €27'39             |             |
|                                 | -497 Apr 06 j 19:41                        | 0°8                               | 21050120         |                                 | -496 Mar 12 j 19:24                        | 0°Υ<br>200 <b>Ω</b> 22127       | 20025140    |
| evening max el                  | -497 Apr 14 j 12:30                        | 9° <b>8</b> 26'47                 | 21°59'38         | evening max el                  | -496 Mar 26 j 15:41                        | 20° <b>Υ</b> 32'37              | 20°35'48    |
| retrograde                      | -497 Apr 27 j 04:03                        | 15° <b>8</b> 37'52                |                  | retrograde                      | -496 Apr 06 j 16:59                        | 25° <b>Y</b> 51'35              |             |
| evening set                     | -497 Apr 29 j 20:27                        | 15° <b>8</b> 21'51                |                  | evening set                     | -496 Apr 08 j 21:08                        | 25° <b>Y</b> 40′07              |             |
| desc. node                      | -497 May 01 j 03:20                        | 15° <b>8</b> 03'25                |                  | desc. node                      | -496 Apr 17 j 00:21                        | 22° <b>Y</b> 18′07              |             |
| inferior conj                   | -497 May 09 j 06:19                        | 11° <b>8</b> 16'20                |                  | inferior conj                   | -496 Apr 18 j 01:02                        | 21° <b>Y</b> 42'42              |             |
| minimum elong                   | -497 May 09 j 00:21                        | 11° <b>8</b> 24'42                |                  | minimum elong                   | -496 Apr 18 j 00:12                        | 21° <b>Y</b> '43'53             | 0°17'20     |
| min. Earth dist.                | -497 May 08 j 18:06                        | 11° <b>8</b> 33'30                | 0.55110 AU       | min. Earth dist.                | -496 Apr 19 j 07:35                        | 20° <b>Y</b> 58'38              | 0.55153 AU  |
| morning rise                    | -497 May 18 j 05:33                        | 7° <b>8</b> 20'25                 |                  | morning rise                    | -496 Apr 27 j 02:11                        | 17° <b>Y</b> 29'33              |             |
| direct                          | -497 May 21 j 03:07                        | 7° <b>8</b> 01'39                 |                  | direct                          | -496 Apr 30 j 14:39                        | 17° <b>Y</b> ′02'43             |             |
| morning max el                  | -497 Jun 02 j 02:15                        | 12° <b>8</b> 38'44                | 21°32'10         | morning max el                  | -496 May 13 j 22:08                        | 23° <b>Y</b> 30'50              | 23°09'33    |
|                                 | -497 Jun 14 j 18:35                        | $\Pi^{\circ}0$                    |                  |                                 | -496 May 19 j 17:23                        | 0°8                             |             |
| asc. node                       | -497 Jun 18 j 02:54                        | 6° <b>Ⅱ</b> 12'47                 |                  | asc. node                       | -496 Jun 03 j 23:57                        | 25° <b>8</b> 53'05              |             |
| morning set                     | -497 Jun 22 j 11:39                        | 14° <b>Ⅱ</b> 59′24                |                  | morning set                     | -496 Jun 05 j 22:50                        | 29° <b>8</b> 55'42              |             |
|                                 |  |                                   |                  |                                 | -496 Jun 05 j 23:39                        | $\Pi$ °0                        |             |
| superior conj                   | -497 Jun 29 j 20:15                        | 0°524'51                          | 1°36'46          |                                 |  |                                 |             |
| minimum elong                   | -497 Jun 29 j 18:07                        | 0° <b>©</b> 13'47                 | 1°36'36          | superior conj                   | -496 Jun 13 j 01:37                        | 15° <b>Ⅱ</b> 07'49              | 1°22'44     |
|                                 | -497 Jun 29 j 15:29                        | $0$ $\circ$ $\odot$               |                  | minimum elong                   | -496 Jun 12 j 23:06                        | 14° <b>∏</b> 54'24              | 1°22'25     |
| max. Earth dist.                | -497 Jul 03 j 16:03                        | 8° <b>©</b> 15'27                 | 1.35050 AU       | max. Earth dist.                | -496 Jun 15 j 14:09                        | 20° <b>Ⅱ</b> 28'48              | 1.33814 AU  |
| evening rise                    |  |                                   |                  |                                 |  |                                 |             |
| evening rise                    | -497 Jul 08 j 03:03                        | 17° <b>5</b> 00'42                |                  |                                 | -496 Jun 20 j 05:29                        | $0$ $\circ$ $\odot$             |             |
| evening rise                    | -497 Jul 08 j 03:03<br>-497 Jul 15 j 05:59 | 17°≌00'42<br>0° <b>Ω</b>          |                  | evening rise                    | -496 Jun 20 j 05:29<br>-496 Jun 20 j 17:06 | 0°ഇ<br>0° <b>ഇ</b> 57'47        |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 217 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | cal year style is used: T                  | he year -900 in          | astronomical cour | nting style is the year | 901 BCE in historical cou | nting style.                           |            |
|----------------------|--|--------------------------|-------------------|-------------------------|---------------------------|--|------------|
|                      | -496 Jul 07 j 05:09                        | $0^{\circ}\Omega$        |                   | max. Earth dist.        | -495 May 29 j 20:30       | 3° <b>Ⅱ</b> 04'12                      | 1.32962 AU |
| desc. node           | -496 Jul 13 j 23:42                        | 9° <b>Ω</b> 46'19        |                   | evening rise            | -495 Jun 04 j 16:27       | 15° <b>Ⅱ</b> 22'24                     |            |
| evening max el       | -496 Jul 24 j 21:23                        | 22° <b>Ω</b> 29'10       | 27°19'37          |                         | -495 Jun 12 j 06:05       | 0ංම                                    |            |
| retrograde           | -496 Aug 07 j 09:06                        | 29° <b>Ω</b> 48'44       |                   | desc. node              | -495 Jun 30 j 20:42       | 28°523'25                              |            |
| evening set          | -496 Aug 14 j 11:19                        | 27° <b>Ω</b> 04'21       |                   |                         | -495 Jul 02 j 05:04       | $0^{\circ}\Omega$                      |            |
| min. Earth dist.     | -496 Aug 18 j 04:31                        | 23° <b>Ω</b> 36′55       | 0.64424 AU        | evening max el          | -495 Jul 07 j 06:40       | 5° <b>Ω</b> 23'29                      | 27°23'00   |
| inferior conj        | -496 Aug 20 j 12:14                        | 21° <b>Ω</b> 06′50       | -3°12'46          | retrograde              | -495 Jul 21 j 01:02       | 12° <b>Ω</b> 42'15                     |            |
| minimum elong        | -496 Aug 20 j 16:41                        | 20° <b>Ω</b> 54'48       | 3°11'25           | evening set             | -495 Jul 28 j 05:54       | 10° <b>Ω</b> 10′25                     |            |
| morning rise         | -496 Aug 26 j 22:51                        | 15° <b>Ω</b> 39'56       |                   | min. Earth dist.        | -495 Jul 31 j 19:45       | 7° <b>£</b> 13′05                      | 0.62745 AU |
| direct               | -496 Aug 29 j 14:46                        | 15° <b>Ω</b> 03′20       |                   | inferior conj           | -495 Aug 03 j 16:27       | 4° <b>Ω</b> 27'38                      | -3°58'02   |
| asc. node            | -496 Aug 30 j 23:11                        | 15° <b>Ω</b> 12'50       |                   | minimum elong           | -495 Aug 03 j 21:00       | 4° <b>Ω</b> 16′37                      | 3°57'02    |
| morning max el       | -496 Sep 05 j 02:58                        | 18° <b>Ω</b> 30′56       | 18°00'59          | -                       | -495 Aug 09 j 03:21       | 30° <b>₹</b> 5                         |            |
| -                    | -496 Sep 13 j 13:05                        | 0° <b>m</b>              |                   | morning rise            | -495 Aug 10 j 13:20       | 29° <b>©</b> 19'33                     |            |
| morning set          | -496 Sep 22 j 14:57                        | 15° <b>m</b> 10'36       |                   | direct                  | -495 Aug 13 j 01:59       | 28°950'14                              |            |
| · ·                  | -496 Oct 01 j 11:37                        | 0∘ <b>⊽</b>              |                   |                         | -495 Aug 16 j 22:27       | $0^{\circ}\Omega$                      |            |
|                      | ,  |                          |                   | asc. node               | -495 Aug 17 j 20:13       | 0° <b>Ω</b> 36′07                      |            |
| superior conj        | -496 Oct 05 j 22:56                        | 7° <b>£</b> 17'16        | 0°26'11           | morning max el          | -495 Aug 19 j 18:25       | 2° <b>Ω</b> 15'27                      | 17°53'34   |
| minimum elong        | -496 Oct 06 j 01:55                        | 7° <b>≏</b> 29'18        |                   | morning set             | -495 Sep 05 j 01:33       | 27° <b>Ω</b> 38'40                     |            |
| desc. node           | -496 Oct 09 j 23:04                        | 13° <b>£</b> 42'25       | 0 20 .,           | morning sec             | -495 Sep 06 j 09:21       | 0° m)                                  |            |
| max. Earth dist.     | -496 Oct 10 j 17:23                        |                          | 1.44511 AU        |                         | .50 Sep 00 j 05.21        | ·                                      |            |
| max. Earth dist.     | -496 Oct 20 j 08:31                        | 0°M                      | 1.11311110        | superior conj           | -495 Sep 16 j 11:38       | 17° <b>m</b> 32'00                     | 1°05'05    |
| evening rise         | -496 Oct 22 j 07:35                        | 3°ML01'53                |                   | minimum elong           | -495 Sep 16 j 16:44       | 17° m <sub>2</sub> 52'30               | 1°04'29    |
| greatest brilliancy  | -496 Nov 05 j 09:10                        | 24°M22'56                | -0.6m             | max. Earth dist.        | -495 Sep 23 j 08:31       | 28° <b>m</b> 53'28                     | 1.43351 AU |
| greatest offinality  | -496 Nov 09 j 06:07                        | 0°×7                     | -0.0111           | max. Earth dist.        | -495 Sep 24 j 00:59       | 0∘ <b>⊽</b>                            | 1.43331 AO |
| evening max el       | -496 Nov 17 j 23:05                        | 11° <b>₹</b> 02'07       | 20.00128          | desc. node              | -495 Sep 26 j 20:04       | 4° <b>£</b> 28'39                      |            |
| •                    |  | 15° 🗷 35'02              | 20 09 28          | evening rise            |                           | 4 <b>=</b> 28 39<br>11° <b>£</b> 57'22 |            |
| retrograde           | -496 Nov 25 j 17:03                        |                          |                   | evening rise            | -495 Oct 01 j 14:16       |  |            |
| asc. node            | -496 Nov 26 j 22:25                        | 15° 🖈 26'29              |                   |                         | -495 Oct 13 j 12:06       | 0°M                                    | 21917/20   |
| evening set          | -496 Nov 29 j 09:28                        | 14° 🖈 16'03              | 2020140           | evening max el          | -495 Oct 31 j 22:00       |  | 21°17'29   |
| inferior conj        | -496 Dec 04 j 20:20                        | 8° <b>₹</b> 11'59        |                   | retrograde              | -495 Nov 09 j 14:17       | 29°M39'20                              |            |
| minimum elong        | -496 Dec 04 j 17:36                        | 8° <b>₹</b> 21'09        | 2°27'55           | evening set             | -495 Nov 13 j 17:01       | 28°MJ04'16                             |            |
| min. Earth dist.     | -496 Dec 05 j 15:49                        | 7°× <b>7</b> 06'39       | 0.66879 AU        | asc. node               | -495 Nov 13 j 19:27       | 27°M59'29                              | 1044100    |
| morning rise         | -496 Dec 10 j 01:34                        | 1° <b>₹</b> 58'56        |                   | inferior conj           | -495 Nov 19 j 01:48       | 21°M50'32                              | 1°44'22    |
|                      | -496 Dec 13 j 01:18                        | 30°₽M.                   |                   | minimum elong           | -495 Nov 18 j 23:37       | 21°M.58'01                             | 1°43'33    |
| direct               | -496 Dec 15 j 20:36                        | 29°M25'16                |                   | min. Earth dist.        | -495 Nov 19 j 09:32       | 21°M23'51                              | 0.67420 AU |
|                      | -496 Dec 18 j 20:32                        | 0° <b>∡</b> ¹            |                   | morning rise            | -495 Nov 24 j 06:04       | 15°M37'05                              |            |
| morning max el       | -496 Dec 27 j 12:52                        | 6° <b>≯</b> 22'13        | 24°59'16          | direct                  | -495 Nov 29 j 09:48       | 13°M23'48                              |            |
| desc. node           | -495 Jan 05 j 22:17                        | 17° <b>∡</b> ¹25'54      |                   | morning max el          | -495 Dec 09 j 21:47       | 19° <b>M</b> 39'01                     | 23°32'35   |
|                      | -495 Jan 14 j 21:42                        | 0°ರ                      |                   |                         | -495 Dec 18 j 16:24       | 0° <b>⊼</b>                            |            |
| morning set          | -495 Feb 01 j 17:24                        | 29° <b>る</b> 00'48       |                   | desc. node              | -495 Dec 23 j 19:20       | 6° <b>₰</b> 757'02                     |            |
|                      | -495 Feb 02 j 06:39                        | 0° <b>≈</b>              |                   |                         | -494 Jan 08 j 02:24       | 0°ಕ                                    |            |
| max. Earth dist.     | -495 Feb 05 j 09:35                        | 5° <b>≈</b> 41'23        | 1.36965 AU        | morning set             | -494 Jan 14 j 02:46       | 9° <b>る</b> 55'00                      |            |
|                      |  |                          |                   | max. Earth dist.        | -494 Jan 18 j 04:57       | 16° <b>る</b> 57'50                     | 1.39024 AU |
| superior conj        | -495 Feb 11 j 18:02                        | 17° <b>≈</b> 48'56       | -1°36'46          |                         | -494 Jan 25 j 09:42       | 0°≈                                    |            |
| minimum elong        | -495 Feb 11 j 21:49                        | 18° <b>≈</b> 07′29       | 1°36'20           |                         |                           |  |            |
|                      | -495 Feb 17 j 20:26                        | 0° <b>ℋ</b>              |                   | superior conj           | -494 Jan 25 j 16:36       | 0° <b>≈</b> 32'16                      | -1°53'33   |
| evening rise         | -495 Feb 20 j 02:28                        | 4° <b>)</b> 31′54        |                   | minimum elong           | -494 Jan 25 j 19:36       | 0° <b>≈</b> 46'18                      | 1°53'22    |
| asc. node            | -495 Feb 22 j 21:43                        | 10° <b>)</b> 05′12       |                   | evening rise            | -494 Feb 03 j 21:40       | 18° <b>≈</b> 13'43                     |            |
|                      | -495 Mar 07 j 03:01                        | $0$ ° $\Upsilon$         |                   | asc. node               | -494 Feb 09 j 18:46       | 29° <b>≈</b> 21′25                     |            |
| evening max el       | -495 Mar 09 j 05:58                        | 2° <b>Ƴ</b> 15'31        | 19°29'03          |                         | -494 Feb 10 j 03:19       | 0° <b>∀</b>                            |            |
| retrograde           | -495 Mar 18 j 14:25                        | 6° <b>Ƴ</b> 44'43        |                   | evening max el          | -494 Feb 20 j 06:09       | 14° <b>)</b> €34'30                    | 18°42'03   |
| evening set          | -495 Mar 20 j 18:44                        | 6° <b>Ƴ</b> 31'11        |                   | retrograde              | -494 Feb 28 j 05:20       | 18° <b>¥</b> 26'51                     |            |
| inferior conj        | -495 Mar 29 j 06:10                        | 2° <b>Y</b> 25'11        | 1°32'54           | evening set             | -494 Mar 02 j 14:10       | 18° <b>₩</b> 07'35                     |            |
| minimum elong        | -495 Mar 29 j 09:45                        | 2° <b>Ƴ</b> 19'24        | 1°31'45           | inferior conj           | -494 Mar 10 j 06:48       | 13° <b>)</b> 44′05                     | 2°52'23    |
| min. Earth dist.     | -495 Mar 31 j 22:02                        | 0° <b>Y</b> 42′26        | 0.56120 AU        | minimum elong           | -494 Mar 10 j 11:05       | 13° <b>¥</b> 35'58                     | 2°51'22    |
|                      | -495 Apr 02 j 01:50                        | 30° <b>₹</b>             |                   | min. Earth dist.        | -494 Mar 13 j 15:09       | 11° <b>¥</b> 13'53                     | 0.57790 AU |
| desc. node           | -495 Apr 03 j 21:25                        | 28° <b>)</b> 59'18       |                   | morning rise            | -494 Mar 18 j 05:09       | 8° <b>¥</b> 28'15                      |            |
| morning rise         | -495 Apr 06 j 22:07                        | 27° <b>)</b> (41'07      |                   | desc. node              | -494 Mar 21 j 18:27       | 7° <b>¥</b> 19'58                      |            |
| direct               | -495 Apr 11 j 11:00                        | 26° <b>)</b> 54'36       |                   | direct                  | -494 Mar 23 j 21:05       | 7° <b>₩</b> 08'50                      |            |
|                      | -495 Apr 20 j 13:41                        | 20 <b>γ</b> 3430         |                   | morning max el          | -494 Apr 07 j 05:20       | 14° <b>)</b> 41'05                     | 26°17'48   |
| morning max el       | -495 Apr 25 j 13:06                        | 4° <b>Υ</b> 02'06        | 24°49'49          | morning max ci          | -494 Apr 19 j 11:27       | 0°Υ                                    | 20 1/ 70   |
| morning max ci       | -495 May 13 j 22:09                        | 4 1 02 00<br>0° <b>と</b> | <u>~</u> ∓        | morning set             | -494 May 05 j 22:04       | 29° <b>Υ</b> 51'40                     |            |
| morning set          | -495 May 21 j 10:50                        | 14° <b>8</b> 54'59       |                   | morning set             | -494 May 05 j 23:39       | 0° <b>8</b>                            |            |
| asc. node            | -495 May 21 j 10:50<br>-495 May 21 j 20:59 | 15° <b>8</b> 48'32       |                   | asc. node               | -494 May 08 j 18:02       | 5° <b>8</b> 54'03                      |            |
| asc. node            | -+75 Iviay 21 J 20.39                      | 15 040 32                |                   | asc. noue               | -424 Iviay Uo J 18.U2     | 5 05403                                |            |
| superior conj        | -495 May 28 j 10:57                        | 0° <b>Ⅱ</b> 02'14        | 1°04'28           | superior conj           | -494 May 12 j 22:20       | 15° <b>8</b> 01'42                     | 0°42'55    |
| minimum elong        | -495 May 28 j 10.37                        | 29° <b>8</b> 49'26       |                   | minimum elong           | -494 May 12 j 20:34       | 13 <b>8</b> 01 42                      | 0°42'34    |
| mmmum ciong          | -495 May 28 j 10:32                        | 29° <b>G</b> 49′26       | 1 04 04           | max. Earth dist.        | -494 May 13 j 07:54       |  | 1.32484 AU |
|                      | -+75 Iviay 20 J 10.32                      | νщ                       |                   | max. Darui Qist.        | -424 way 13 J U/.34       | 15 05405                               | 1.32404 AU |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 218 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: T | he year -900 in      | astronomical cou | inting style is the year | 901 BCE in historical cou | inting style.       |            |
|---------------------|-----------------------------|----------------------|------------------|--------------------------|---------------------------|---------------------|------------|
| evening rise        | -494 May 19 j 22:09         | 0° <b>Ⅱ</b> 05'13    |                  | max. Earth dist.         | -493 Apr 26 j 20:39       | 28° <b>Y</b> 46'16  | 1.32364 AU |
|                     | -494 May 19 j 21:09         | $\Pi^{\circ}0$       |                  |                          | -493 Apr 27 j 10:06       | 0° <b>႘</b>         |            |
|                     | -494 Jun 05 j 09:38         | 0°€                  |                  | evening rise             | -493 May 04 j 07:46       | 14° <b>8</b> 57'46  |            |
| desc. node          | -494 Jun 17 j 17:42         | 15° <b>9</b> 56'21   |                  |                          | -493 May 11 j 21:20       | $\Pi$ $^{\circ}0$   |            |
| evening max el      | -494 Jun 19 j 10:59         | 17° <b>5</b> 38'57   | 26°53'37         | evening max el           | -493 Jun 01 j 08:49       | 29° <b>Ⅱ</b> 10′08  | 25°52'46   |
| retrograde          | -494 Jul 03 j 10:00         | 24° <b>©</b> 55'52   |                  |                          | -493 Jun 02 j 06:14       | $0$ $\circ$         |            |
| evening set         | -494 Jul 10 j 07:14         | 22° <b>5</b> 50'39   |                  | desc. node               | -493 Jun 04 j 14:43       | 1° <b>©</b> 58'44   |            |
| min. Earth dist.    | -494 Jul 14 j 00:46         | 20° <b>©</b> 10'36   | 0.60783 AU       | retrograde               | -493 Jun 15 j 10:18       | 6° <b>ॐ</b> 23'01   |            |
| inferior conj       | -494 Jul 17 j 07:07         | 17° <b>5</b> 24'49   | -4°30'47         | evening set              | -493 Jun 21 j 11:02       | 4° <b>©</b> 55'22   |            |
| minimum elong       | -494 Jul 17 j 10:14         | 17° <b>©</b> 18'10   | 4°30'25          | min. Earth dist.         | -493 Jun 25 j 21:22       | 2° <b>©</b> 15'00   | 0.58723 AU |
| morning rise        | -494 Jul 24 j 15:03         | 12° <b>5</b> 38'18   |                  |                          | -493 Jun 28 j 22:55       | 30° <b>Ŗ</b> Ⅱ      |            |
| direct              | -494 Jul 27 j 02:38         | 12° <b>©</b> 14'04   |                  | inferior conj            | -493 Jun 29 j 04:41       | 29° <b>Ⅱ</b> 49'20  | -4°41'58   |
| morning max el      | -494 Aug 03 j 07:17         | 15° <b>©</b> 46'17   | 18°05'03         | minimum elong            | -493 Jun 29 j 04:21       | 29° <b>Ⅱ</b> 49'56  | 4°41'57    |
| asc. node           | -494 Aug 04 j 17:15         | 17° <b>©</b> 15'19   |                  | morning rise             | -493 Jul 07 j 00:07       | 25° <b>Ⅲ</b> 25′01  |            |
|                     | -494 Aug 13 j 05:32         | $0 {\circ} \Omega$   |                  | direct                   | -493 Jul 09 j 12:24       | 25° <b>Ⅱ</b> 04'17  |            |
| morning set         | -494 Aug 19 j 05:09         | 10° <b>Ω</b> 55'46   |                  | morning max el           | -493 Jul 17 j 14:32       | 28° <b>∏</b> 54'44  | 18°36'35   |
|                     |                             |                      |                  |                          | -493 Jul 18 j 16:31       | $0$ $\circ$         |            |
| superior conj       | -494 Aug 29 j 03:16         | 29° <b>Ω</b> 06'43   | 1°30'51          | asc. node                | -493 Jul 22 j 14:18       | 4° <b>©</b> 55'13   |            |
| minimum elong       | -494 Aug 29 j 07:17         | 29° <b>Ω</b> 24'34   | 1°30'30          | morning set              | -493 Aug 02 j 21:00       | 24°9549'24          |            |
|                     | -494 Aug 29 j 15:17         | 0° <b>m</b> y        |                  |                          | -493 Aug 05 j 13:02       | $0 {\circ} \Omega$  |            |
| max. Earth dist.    | -494 Sep 05 j 17:54         | 12° <b>M</b> y 14'54 | 1.41677 AU       |                          |                           |                     |            |
| evening rise        | -494 Sep 11 j 08:37         | 21° <b>m</b> 27'07   |                  | superior conj            | -493 Aug 11 j 17:04       | 11° <b>Ω</b> 47'47  | 1°44'13    |
| desc. node          | -494 Sep 13 j 17:04         | 25° Mp 11'51         |                  | minimum elong            | -493 Aug 11 j 18:53       | 11° <b>Ω</b> 56′20  | 1°44'08    |
|                     | -494 Sep 16 j 18:48         | 0∘ <b>亚</b>          |                  | max. Earth dist.         | -493 Aug 18 j 22:10       | 24° <b>Ω</b> 52'59  | 1.39718 AU |
|                     | -494 Oct 07 j 18:03         | 0° <b>M</b> .        |                  |                          | -493 Aug 21 j 21:13       | 0° <b>m</b> ∕       |            |
| evening max el      | -494 Oct 14 j 15:15         | 7°M58'21             | 22°34'21         | evening rise             | -493 Aug 23 j 02:19       | 2° Mp 03′15         |            |
| retrograde          | -494 Oct 24 j 09:33         | 13°M46'38            |                  | desc. node               | -493 Aug 31 j 14:05       | 15° Mp 48′27        |            |
| evening set         | -494 Oct 29 j 00:33         | 11°M54'03            |                  |                          | -493 Sep 10 j 02:07       | 0∘ <b>ত</b>         |            |
| asc. node           | -494 Oct 31 j 16:29         | 9° <b>M</b> 08'06    |                  | evening max el           | -493 Sep 27 j 04:37       | 21° <b>≏</b> 30′26  | 23°54'37   |
| inferior conj       | -494 Nov 03 j 08:45         | 5°M34'22             | 0°54'49          | retrograde               | -493 Oct 08 j 01:33       | 27° <b>≏</b> 54'25  |            |
| minimum elong       | -494 Nov 03 j 07:30         | 5°M38'41             | 0°54'18          | evening set              | -493 Oct 13 j 06:27       | 25° <b>≏</b> 43'49  |            |
| min. Earth dist.    | -494 Nov 03 j 05:51         | 5°M44'25             | 0.67632 AU       | min. Earth dist.         | -493 Oct 18 j 02:17       | 20° <b>≏</b> 06'59  | 0.67531 AU |
|                     | -494 Nov 07 j 21:31         | 30° <b>₹</b> Ω       |                  | inferior conj            | -493 Oct 18 j 15:29       | 19° <b>≏</b> 22'09  | 0°01'42    |
| morning rise        | -494 Nov 08 j 14:20         | 29° <b>≏</b> 22'43   |                  | minimum elong            | -493 Oct 18 j 15:26       | 19° <b>≏</b> 22'18  | 0°01'41    |
| direct              | -494 Nov 13 j 03:08         | 27° <b>₽</b> 31'50   |                  | transit middle           | -493 Oct 18 j 15:26       | 19° <b>≏</b> 22'18  | 0°01'41    |
|                     | -494 Nov 19 j 00:55         | 0° <b>M</b> ₊        |                  | transit begin            | -493 Oct 18 j 12:44       | 19° <b>≏</b> 31'29  |            |
| morning max el      | -494 Nov 22 j 09:53         | 3°MJ00'56            | 22°05'55         | transit end              | -493 Oct 18 j 18:09       | 19° <b>≏</b> 13'06  |            |
| desc. node          | -494 Dec 10 j 16:21         | 26°M54'31            |                  | asc. node                | -493 Oct 18 j 13:31       | 19° <b>≙</b> 28'50  |            |
|                     | -494 Dec 12 j 18:31         | 0° <b>∡</b> ¹        |                  | morning rise             | -493 Oct 24 j 00:24       | 13° <b>≙</b> 14'56  |            |
| morning set         | -494 Dec 25 j 07:07         | 19° <b>∡</b> 124′00  |                  | direct                   | -493 Oct 27 j 23:37       | 11° <b>≏</b> 45'41  |            |
| max. Earth dist.    | -494 Dec 31 j 02:28         | 28° <b>₹</b> ¹56'13  | 1.41120 AU       | morning max el           | -493 Nov 05 j 04:22       | 16° <b>≙</b> 32'01  | 20°46'53   |
|                     | -494 Dec 31 j 17:39         | 0°ಕ                  |                  |                          | -493 Nov 15 j 21:06       | 0° <b>M</b> ₊       |            |
|                     |                             |                      |                  | desc. node               | -493 Nov 27 j 13:24       | 17°M11'26           |            |
| superior conj       | -493 Jan 07 j 20:32         | 12° <b>る</b> 18'21   |                  | morning set              | -493 Dec 04 j 10:22       | 27° <b>M</b> 45'18  |            |
| minimum elong       | -493 Jan 07 j 20:52         | 12° <b>る</b> 19'51   | 2°01'06          |                          | -493 Dec 05 j 20:51       | 0° <b>∡</b> ¹       |            |
|                     | -493 Jan 17 j 12:59         | 0° <b>≈</b>          |                  | max. Earth dist.         | -493 Dec 13 j 07:22       | 11° <b>∡</b> 750′50 | 1.42964 AU |
| evening rise        | -493 Jan 18 j 05:51         | 1° <b>≈</b> 18'34    |                  |                          |                           |                     |            |
| asc. node           | -493 Jan 27 j 15:48         | 18° <b>≈</b> 08'16   |                  | superior conj            | -493 Dec 20 j 00:33       | 22° <b>₹</b> 55'55  |            |
| evening max el      | -493 Feb 03 j 13:26         | 27° <b>≈</b> 21'02   | 18°15'09         | minimum elong            | -493 Dec 19 j 20:23       | 22° <b>∡</b> 38′23  | 1°54'44    |
|                     | -493 Feb 07 j 02:48         | 0° <b>∀</b>          |                  |                          | -493 Dec 24 j 04:15       | 0°ප                 |            |
| retrograde          | -493 Feb 10 j 14:29         | 0° <b>¥</b> 52′23    |                  | evening rise             | -493 Dec 31 j 23:11       | 13° <b>る</b> 39'12  |            |
| evening set         | -493 Feb 13 j 04:11         | 0° <b>∺</b> 25'10    |                  |                          | -492 Jan 10 j 09:02       | 0° <b>≈</b>         |            |
|                     | -493 Feb 14 j 04:51         | 30° <b>R</b> ≈       |                  | asc. node                | -492 Jan 14 j 12:50       | 6° <b>≈</b> 17'01   |            |
| inferior conj       | -493 Feb 20 j 04:09         | 25° <b>≈</b> 40'58   | 3°36'36          | evening max el           | -492 Jan 18 j 00:49       | 10° <b>≈</b> 27'12  | 18°07'53   |
| minimum elong       | -493 Feb 20 j 06:39         | 25° <b>≈</b> 35'29   | 3°36'18          | retrograde               | -492 Jan 24 j 14:38       | 13° <b>≈</b> 52'18  |            |
| min. Earth dist.    | -493 Feb 23 j 13:07         | 22° <b>≈</b> 44'45   | 0.59830 AU       | evening set              | -492 Jan 27 j 08:45       | 13° <b>≈</b> 15'55  |            |
| morning rise        | -493 Feb 27 j 07:00         | 20° <b>≈</b> 02'07   |                  | inferior conj            | -492 Feb 02 j 19:32       | 8° <b>≈</b> 10'36   | 3°51'43    |
| direct              | -493 Mar 05 j 19:53         | 18° <b>≈</b> 04'11   |                  | minimum elong            | -492 Feb 02 j 19:43       | 8° <b>≈</b> 10′08   | 3°51'43    |
| desc. node          | -493 Mar 08 j 15:30         | 18° <b>≈</b> 25′10   |                  | min. Earth dist.         | -492 Feb 05 j 18:29       | 5° <b>≈</b> 13'25   | 0.61906 AU |
| morning max el      | -493 Mar 20 j 02:42         | 25° <b>≈</b> 49'31   | 27°19'25         | morning rise             | -492 Feb 09 j 05:27       | 2° <b>≈</b> 17'15   |            |
|                     | -493 Mar 24 j 00:18         | 0° <b>∀</b>          |                  |                          | -492 Feb 14 j 03:37       | 30°Rる               |            |
|                     | -493 Apr 12 j 19:58         | 0° <b>Υ</b>          |                  | direct                   | -492 Feb 16 j 04:40       | 29° <b>る</b> 47'22  |            |
| morning set         | -493 Apr 20 j 06:45         | 14° <b>Ƴ</b> 38'56   |                  |                          | -492 Feb 18 j 06:58       | 0° <b>≈</b>         |            |
| asc. node           | -493 Apr 25 j 15:05         | 26° <b>Y</b> ′04'33  |                  | desc. node               | -492 Feb 23 j 12:34       | 2°≈10'06            |            |
|                     |                             |                      |                  | morning max el           | -492 Mar 01 j 06:05       | 7° <b>≈</b> 37'56   | 27°46'00   |
| superior conj       | -493 Apr 27 j 10:02         | 29° <b>Y</b> ′59'34  | 0°18'51          |                          | -492 Mar 18 j 08:28       | 0° <b>∀</b>         |            |
| minimum elong       | -493 Apr 27 j 09:11         | 29° <b>Ƴ</b> 54'58   | 0°18'40          | morning set              | -492 Apr 03 j 10:57       | 29° <b>)</b> €09'50 |            |
|                     |                             |                      |                  |                          |                           |                     |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 219 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | ical year style is used: Tl | ne year -900 in                       | astronomical cou     | nting style is the year | 901 BCE in historical cou                  | inting style.                     | 5                    |
|--------------------------------|-----------------------------|---------------------------------------|----------------------|-------------------------|--|-----------------------------------|----------------------|
|                                | -492 Apr 03 j 20:45         | $0^{\circ}\mathbf{\Upsilon}$          |                      |                         | -491 Mar 11 j 08:09                        | 0° <b>)</b> €                     |                      |
| max. Earth dist.               | -492 Apr 09 j 07:04         | 11° <b>Ƴ</b> 27'41                    | 1.32615 AU           | morning set             | -491 Mar 18 j 08:10                        | 13° <b>) (</b> 16′26              |                      |
|                                |                             |                                       |                      | max. Earth dist.        | -491 Mar 23 j 11:15                        | 23° <b>)</b> 45′43                | 1.33264 AU           |
| superior conj                  | -492 Apr 10 j 20:21         | 14° <b>Y</b> 49'50                    | -0°06'58             |                         |  |                                   |                      |
| minimum elong                  | -492 Apr 10 j 20:41         | 14° <b>Ƴ</b> 51'36                    | 0°06'54              | superior conj           | -491 Mar 26 j 03:32                        | 29° <b>)</b> €26'32               | -0°33'35             |
| behind sun begin               | -492 Apr 10 j 16:02         | 14° <b>Ƴ</b> 26'21                    |                      | minimum elong           | -491 Mar 26 j 05:08                        | 29° <b>)</b> 35′05                | 0°33'15              |
| behind sun end                 | -492 Apr 11 j 01:19         | 15° <b>Ƴ</b> 16'52                    |                      |                         | -491 Mar 26 j 09:48                        | $0$ ° $\Upsilon$                  |                      |
| asc. node                      | -492 Apr 11 j 12:09         | 16° <b>Ƴ</b> 15'47                    |                      | asc. node               | -491 Mar 29 j 09:12                        | 6° <b>Ƴ</b> 23'44                 |                      |
| evening rise                   | -492 Apr 17 j 19:19         | 29° <b>Ƴ</b> 52'52                    |                      | evening rise            | -491 Apr 02 j 06:58                        | 14° <b>Ƴ</b> 44'06                |                      |
|                                | -492 Apr 17 j 20:40         | $8^{\circ}$                           |                      |                         | -491 Apr 10 j 00:09                        | 0°8                               |                      |
|                                | -492 May 04 j 14:27         | $\Pi^{\circ}0$                        |                      | evening max el          | -491 Apr 24 j 16:13                        | 20° <b>8</b> 38'27                | 22°53'10             |
| evening max el                 | -492 May 13 j 01:00         | 10° <b>Ⅲ</b> 02'50                    | 24°28'08             | retrograde              | -491 May 07 j 23:11                        | 27° <b>8</b> 13'40                |                      |
| desc. node                     | -492 May 21 j 11:45         | 15° <b>Ⅲ</b> 55'57                    |                      | desc. node              | -491 May 08 j 08:48                        | 27° <b>8</b> 13'18                |                      |
| retrograde                     | -492 May 26 j 23:06         | 17° <b>Ⅲ</b> 04'21                    |                      | evening set             | -491 May 11 j 06:46                        | 26° <b>8</b> 49'35                |                      |
| evening set                    | -492 May 31 j 16:12         | 16° <b>Ⅱ</b> 14'32                    |                      | min. Earth dist.        | -491 May 19 j 01:16                        | 23° <b>8</b> 24'07                | 0.55518 AU           |
| min. Earth dist.               | -492 Jun 06 j 12:28         | 13° <b>Ⅱ</b> 17'46                    | 0.56855 AU           | inferior conj           | -491 May 20 j 13:03                        | 22° <b>8</b> 32'35                | -3°12'53             |
| inferior conj                  | -492 Jun 09 j 06:24         | 11° <b>Ⅱ</b> 32'25                    | -4°19'24             | minimum elong           | -491 May 20 j 05:56                        | 22° <b>8</b> 42'51                |                      |
| minimum elong                  | -492 Jun 09 j 01:31         | 11° <b>Ⅱ</b> 40′18                    | 4°18'41              | morning rise            | -491 May 29 j 07:30                        | 18° <b>8</b> 38'31                |                      |
| morning rise                   | -492 Jun 17 j 13:38         | 7° <b>Ⅱ</b> 27'37                     |                      | direct                  | -491 Jun 01 j 01:14                        | 18° <b>8</b> 20'51                |                      |
| direct                         | -492 Jun 20 j 03:54         | 7° <b>Ⅱ</b> 09'10                     |                      | morning max el          | -491 Jun 12 j 01:12                        | 23° <b>8</b> 27'06                | 20°41'57             |
| morning max el                 | -492 Jun 29 j 13:11         | 11° <b>Ⅱ</b> 30'51                    | 19°28'58             |                         | -491 Jun 17 j 17:35                        | 0°П                               |                      |
| asc. node                      | -492 Jul 08 j 11:22         | 23° <b>Ⅲ</b> 21'56                    |                      | asc. node               | -491 Jun 25 j 08:27                        | 12° <b>∏</b> 24'25                |                      |
| uoo. Irodo                     | -492 Jul 12 j 04:38         | 0°9                                   |                      | morning set             | -491 Jul 01 j 03:41                        | 23° <b>∏</b> 49'08                |                      |
| morning set                    | -492 Jul 16 j 21:25         | 9° <b>5</b> 09'36                     |                      | morning sec             | -491 Jul 04 j 03:30                        | 0°95                              |                      |
| morning sec                    | 192341 10 j 21.23           | , 30, 50                              |                      |                         | 191 341 01 1 09.50                         | <b>~~</b>                         |                      |
| superior conj                  | -492 Jul 24 j 23:16         | 25°518'42                             | 1°47'22              | superior conj           | -491 Jul 08 j 17:14                        | 9° <b>©</b> 26'25                 | 1°42'29              |
| minimum elong                  | -492 Jul 24 j 23:04         | 25°5017'42                            |                      | minimum elong           | -491 Jul 08 j 15:37                        |                                   | 1°42'25              |
| minimum ciong                  | -492 Jul 27 j 09:11         | 0°Ω                                   | 1 4/22               | max. Earth dist.        | -491 Jul 13 j 09:07                        | 18°5946'20                        | 1.35938 AU           |
| max. Earth dist.               | -492 Jul 31 j 01:22         |                                       | 1.37731 AU           | evening rise            | -491 Jul 17 j 11:50                        | 26°937'47                         | 1.55750710           |
| evening rise                   | -492 Aug 03 j 20:40         | 13° <b>Ω</b> 49'51                    | 1.57751 AO           | evening rise            | -491 Jul 19 j 07:44                        | 0°Ω                               |                      |
| evening rise                   | -492 Aug 13 j 11:20         | 0°M                                   |                      | desc. node              | -491 Aug 04 j 08:07                        | 26° <b>Ω</b> 20'45                |                      |
| desc. node                     | -492 Aug 17 j 11:07         | 6° Mp 13'21                           |                      | desc. Hode              | -491 Aug 06 j 20:42                        | 0° m)                             |                      |
| dese. Hode                     | -492 Sep 03 j 22:33         | 0° <b>∿</b>                           |                      | evening max el          | -491 Aug 22 j 03:53                        | 18° Mp 42'12                      | 26°17'04             |
| evening max el                 | -492 Sep 08 j 16:17         | ა <b>_</b><br>5° <b>ჲ</b> 06'05       | 25°11'27             | retrograde              | -491 Sep 03 j 20:06                        | 25° m 52'17                       | 20 17 04             |
| retrograde                     | -492 Sep 20 j 13:15         | 11° <b>⊆</b> 58'01                    | 23 1127              | evening set             | -491 Sep 10 j 06:02                        | 23° m/ 11'42                      |                      |
| evening set                    | -492 Sep 26 j 08:56         | 9° <b>£</b> 30'31                     |                      | min. Earth dist.        | -491 Sep 10 j 00:02                        |                                   | 0.66355 AU           |
| min. Earth dist.               | -492 Sep 30 j 20:22         |                                       | 0.67111 AU           | inferior conj           | -491 Sep 15 j 21:08                        | 16° Mp 57'42                      |                      |
|                                | -492 Oct 01 j 20:14         | 3° <b>£</b> 10'49                     |                      | minimum elong           | -491 Sep 15 j 23:53                        | 16° Mp 49'14                      |                      |
| inferior conj<br>minimum elong | -492 Oct 01 j 20:14         | 3° <b>£</b> 1049<br>3° <b>£</b> 06'28 |                      | asc. node               | -491 Sep 13 j 23.33<br>-491 Sep 21 j 07:39 | 10 m/49 14<br>11° m/24'30         | 1 48 10              |
| _                              |                             |                                       | 0 32 38              |                         |  |                                   |                      |
| asc. node                      | -492 Oct 04 j 10:35         | 29° Mp 56'34                          |                      | morning rise<br>direct  | -491 Sep 21 j 18:04                        | 11° Mp 08'20                      |                      |
|                                | -492 Oct 04 j 09:22         | 30°R∭0                                |                      |                         | -491 Sep 24 j 20:02                        | 10° Mp 14'10                      | 18°48'38             |
| morning rise                   | -492 Oct 07 j 10:18         | 27° Mp 11'00                          |                      | morning max el          | -491 Oct 01 j 15:32                        | 14° <b>™</b> 01'54<br>0° <b>≏</b> | 18-48-38             |
| direct                         | -492 Oct 10 j 21:50         | 26° Mp 00'57                          |                      |                         | -491 Oct 13 j 08:10                        |                                   |                      |
|                                | -492 Oct 18 j 01:20         | 0° <b>∵</b>                           | 10040117             | morning set             | -491 Oct 22 j 23:39                        | 15° <b>£</b> 11'59                |                      |
| morning max el                 | -492 Oct 18 j 06:31         | 0° <b>£</b> 13'02                     | 19°40'17             | desc. node              | -491 Oct 31 j 07:28                        | 28° <b>£</b> 20'45                |                      |
| . ,                            | -492 Nov 08 j 10:57         | 0°M                                   |                      | F 4 F 4                 | -491 Nov 01 j 08:42                        | 0°M                               | 1 44055 ATT          |
| morning set                    | -492 Nov 12 j 08:01         | 5°M59'13                              |                      | max. Earth dist.        | -491 Nov 07 j 13:28                        | 9° <b>M</b> 44'51                 | 1.44955 AU           |
| desc. node<br>max. Earth dist. | -492 Nov 13 j 10:27         | 7°M41'39<br>25°M33'30                 | 1 44207 ATT          |                         | 401 N 00 : 05.45                           | 100 <b>m</b> 40154                | 0050117              |
| max. Earth dist.               | -492 Nov 24 j 20:00         | 23 11633 30<br>0° <b>√</b> 1          | 1.44297 AU           | superior conj           | -491 Nov 08 j 05:45<br>-491 Nov 07 j 23:25 | 10°M48'54                         |                      |
|                                | -492 Nov 27 j 14:51         | 0°×1                                  |                      | minimum elong           | ,  | 10°M23'59                         | 0°49'30              |
|                                | 402 N 20 : 01 20            | 20 71024                              | 1021110              |                         | -491 Nov 20 j 08:11                        | 0° 🗷                              |                      |
| superior conj                  | -492 Nov 29 j 01:38         | 2°×19'34                              |                      | evening rise            | -491 Nov 23 j 20:20                        | 5° <b>∡</b> ³37'40                |                      |
| minimum elong                  | -492 Nov 28 j 17:41         | 1° <b>×</b> 747'38                    | 1°30′26              |                         | -491 Dec 09 j 07:58                        | 0°る                               | 10040100             |
| evening rise                   | -492 Dec 12 j 21:16         | 25° <b>₹</b> 07'43                    |                      | evening max el          | -491 Dec 15 j 00:30                        | 7°る10'04                          | 18°49'28             |
|                                | -492 Dec 15 j 18:28         | 0°る                                   |                      | asc. node               | -491 Dec 18 j 06:55                        | 9° <b>る</b> 52'56                 |                      |
| asc. node                      | -492 Dec 31 j 09:52         | 23° <b>る</b> 36'35                    | 10010120             | retrograde              | -491 Dec 21 j 18:58                        | 10°る59'05                         |                      |
| evening max el                 | -492 Dec 31 j 13:24         | 23°₹45'35                             | 18°19'38             | evening set             | -491 Dec 24 j 23:07                        | 10°る01'26                         | 2022150              |
| retrograde                     | -491 Jan 07 j 01:30         | 27°る17'17                             |                      | inferior conj           | -491 Dec 30 j 16:50                        | 4°る18'49                          | 3°23'58              |
| evening set                    | -491 Jan 10 j 00:08         | 26°る30'50                             | 2045/20              | minimum elong           | -491 Dec 30 j 14:16                        | 4°る26'43                          | 3°23'26              |
| inferior conj                  | -491 Jan 16 j 01:00         | 21°る05'40                             |                      | min. Earth dist.        | -490 Jan 01 j 09:50                        | 2°る13'07                          | 0.65271 AU           |
| minimum elong                  | -491 Jan 15 j 23:25         | 21°る10'08                             | 3°45'19              |                         | -490 Jan 03 j 08:09                        | 30°R <i>⊼</i>                     |                      |
| min. Earth dist.               | -491 Jan 18 j 09:17         | 18° <b>る</b> 27'59                    | 0.63761 AU           | morning rise            | -490 Jan 05 j 05:05                        | 28° <b>₹</b> 10'14                |                      |
| morning rise                   | -491 Jan 21 j 22:05         | 15° <b>る</b> 03'09                    |                      | direct                  | -490 Jan 11 j 20:37                        | 25° ₹ 18'32                       |                      |
| direct                         | -491 Jan 28 j 21:18         | 12°る14'59                             |                      |                         | -490 Jan 21 j 18:34                        | 0°る。                              | <b>2</b> < 0.5 *** * |
| desc. node                     | -491 Feb 09 j 09:39         | 18°る00'56                             | <b>2</b> 502 - 1 - 5 | morning max el          | -490 Jan 24 j 23:47                        |                                   | 26°53'09             |
| morning max el                 | -491 Feb 11 j 14:00         | 20° <b>る</b> 04'32                    | 27°35'56             | desc. node              | -490 Jan 27 j 06:42                        | 5° <b>る</b> 22'32                 |                      |
|                                | -491 Feb 20 j 03:03         | 0° <b>≈</b>                           |                      |                         | -490 Feb 14 j 09:58                        | 0° <b>≈</b>                       |                      |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 220 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: T | he year -900 in                    | astronomical cou    | inting style is the year | 901 BCE in historical cou | ınting style.                         |            |
|---------------------|----------------------------|------------------------------------|---------------------|--------------------------|---------------------------|---------------------------------------|------------|
| morning set         | -490 Mar 01 j 19:06        | 26° <b>≈</b> 47'33                 |                     | direct                   | -490 Dec 26 j 02:05       | 8° <b>√</b> 49'49                     |            |
|                     | -490 Mar 03 j 10:53        | 0° <b>)</b> €                      |                     | morning max el           | -489 Jan 07 j 09:05       | 16° <b>₰</b> 07'12                    | 25°45'32   |
| max. Earth dist.    | -490 Mar 06 j 05:24        | 5° <b>¥</b> 29'51                  | 1.34352 AU          | desc. node               | -489 Jan 14 j 03:43       | 23° <b>∡</b> ¹48'37                   |            |
|                     |                            |                                    |                     |                          | -489 Jan 18 j 21:38       | 0°ප                                   |            |
| superior conj       | -490 Mar 10 j 05:25        | 13° <b>)</b> 42′06                 | -0°59'54            |                          | -489 Feb 07 j 07:09       | 0° <b>≈</b>                           |            |
| minimum elong       | -490 Mar 10 j 08:13        | 13° <b>¥</b> 56'43                 |                     | morning set              | -489 Feb 12 j 15:25       | 9° <b>≈</b> 30'47                     |            |
| asc. node           | -490 Mar 16 j 06:14        | 26° <b>∺</b> 23'27                 |                     | max. Earth dist.         | -489 Feb 16 j 11:29       | 16° <b>≈</b> 41'50                    | 1.35893 AU |
| evening rise        | -490 Mar 17 j 16:48        | 29° <b>升</b> 24′02                 |                     |                          | ,                         |                                       |            |
| C                   | -490 Mar 17 j 23:44        | $0^{\circ}$ $\Upsilon$             |                     | superior conj            | -489 Feb 21 j 23:29       | 27° <b>≈</b> 29'38                    | -1°24'21   |
|                     | -490 Apr 05 j 03:37        | 0°B                                |                     | minimum elong            | -489 Feb 22 j 03:08       | 27° <b>≈</b> 47'57                    |            |
| evening max el      | -490 Apr 06 j 13:22        | 1° <b>8</b> 25'44                  | 21°22'09            | 8                        | -489 Feb 23 j 05:16       | 0° <b>)</b> €                         |            |
| retrograde          | -490 Apr 18 j 13:56        | 7° <b>8</b> 16'09                  |                     | evening rise             | -489 Mar 01 j 22:53       | 13° <b>)</b> 46'48                    |            |
| evening set         | -490 Apr 20 j 23:06        | 7° <b>8</b> 03'09                  |                     | asc. node                | -489 Mar 03 j 03:17       | 16° <b>)</b> 10′42                    |            |
| desc. node          | -490 Apr 25 j 05:51        | 5° <b>8</b> 41'39                  |                     |                          | -489 Mar 10 j 10:54       | 0°Υ                                   |            |
| inferior conj       | -490 Apr 30 j 08:08        | 3° <b>8</b> 02'48                  | -1°26'44            | evening max el           | -489 Mar 19 j 21:12       | 12° <b>Υ</b> 46'44                    | 20°05'06   |
| minimum elong       | -490 Apr 30 j 04:05        | 3° <b>8</b> 08'30                  |                     | retrograde               | -489 Mar 30 j 05:05       | 17° <b>Y</b> 43'42                    | 20 03 00   |
| min. Earth dist.    | -490 Apr 30 j 14:10        |                                    | 0.55005 AU          | evening set              | -489 Apr 01 j 08:00       | 17° <b>Y</b> 32'05                    |            |
| mm. Latin dist.     | -490 May 06 j 08:05        | 30°RΥ                              | 0.55005 710         | inferior conj            | -489 Apr 10 j 05:42       | 13° <b>Υ</b> 32'45                    | 0°32'01    |
| morning rise        | -490 May 09 j 09:29        | 29° <b>Y</b> 02'10                 |                     | minimum elong            | -489 Apr 10 j 07:07       | 13° <b>Υ</b> 30'37                    | 0°31'30    |
| direct              | -490 May 12 j 11:50        | 28° <b>Y</b> 41'17                 |                     | min. Earth dist.         | -489 Apr 10 j 07:07       | 13 <b>γ</b> 30 37                     | 0.55456 AU |
| direct              | -490 May 18 j 08:48        | 0° <b>8</b>                        |                     | desc. node               | -489 Apr 12 j 02:53       | $12^{\circ}$ <b>Y</b> 24'51           | 0.33430 AO |
| mamina may al       |                            |                                    | 22012121            |                          |                           | 9° <b>Υ</b> 06'57                     |            |
| morning max el      | -490 May 25 j 02:23        | 4° <b>8</b> 40'27                  | 22-12-31            | morning rise             | -489 Apr 19 j 04:13       | 9° <b>Y</b> 0637<br>8° <b>Y</b> 33'27 |            |
| 1                   | -490 Jun 11 j 06:35        | 0°II                               |                     | direct                   | -489 Apr 23 j 01:56       |                                       | 22052142   |
| asc. node           | -490 Jun 12 j 05:31        | 1°II52'43                          |                     | morning max el           | -489 May 06 j 19:33       | 15° <b>Y</b> 20'59                    | 23°52'42   |
| morning set         | -490 Jun 15 j 13:33        | 8° <b>Ⅱ</b> 40'38                  |                     |                          | -489 May 18 j 08:51       | 0° <b>8</b>                           |            |
|                     |                            |                                    |                     | asc. node                | -489 May 30 j 02:33       | 21° <b>8</b> 39'53                    |            |
| superior conj       | -490 Jun 22 j 19:14        | 23° <b>Ⅱ</b> 58'58                 |                     | morning set              | -489 May 31 j 01:14       | 23° <b>8</b> 38'26                    |            |
| minimum elong       | -490 Jun 22 j 16:53        | 23° <b>Ⅱ</b> 46'33                 | 1°31'10             |                          | -489 Jun 03 j 00:51       | $\Pi$ $^{\circ}0$                     |            |
|                     | -490 Jun 25 j 16:29        | 0°€                                |                     |                          |                           | _                                     |            |
| max. Earth dist.    | -490 Jun 26 j 01:24        | 0°9545'52                          | 1.34473 AU          | superior conj            | -489 Jun 07 j 02:32       | 8° <b>Ⅱ</b> 47'36                     |            |
| evening rise        | -490 Jun 30 j 18:46        | 10°912'54                          |                     | minimum elong            | -489 Jun 07 j 00:02       | 8° <b>Ⅱ</b> 34'07                     |            |
|                     | -490 Jul 11 j 18:05        | $0$ $\circ$ $\Omega$               |                     | max. Earth dist.         | -489 Jun 09 j 02:58       | 13° <b>Ⅱ</b> 07'12                    | 1.33400 AU |
| desc. node          | -490 Jul 22 j 05:08        | 16° <b>Ω</b> 02'36                 |                     | evening rise             | -489 Jun 14 j 13:09       | 24° <b>∏</b> 22'44                    |            |
|                     | -490 Aug 02 j 11:30        | 0° <b>т</b> р                      |                     |                          | -489 Jun 17 j 09:34       | $0$ $\circ$ $\odot$                   |            |
| evening max el      | -490 Aug 04 j 15:37        | 2° Mp 11'13                        | 27°03'56            |                          | -489 Jul 05 j 07:30       | $0 {\circ} \Omega$                    |            |
| retrograde          | -490 Aug 17 j 21:49        | 9° <b>m</b> 30'14                  |                     | desc. node               | -489 Jul 09 j 02:10       | 5° <b>Ω</b> 07'43                     |            |
| evening set         | -490 Aug 24 j 19:24        | 6° Mp 43′56                        |                     | evening max el           | -489 Jul 18 j 02:26       | 15° <b>Ω</b> 22'03                    | 27°24'57   |
| min. Earth dist.    | -490 Aug 28 j 15:52        | 2° My 56'29                        | 0.65233 AU          | retrograde               | -489 Jul 31 j 17:44       | 22° <b>Ω</b> 42'31                    |            |
| inferior conj       | -490 Aug 30 j 16:05        | 0° <b>m</b> ,39′17                 | -2°43'24            | evening set              | -489 Aug 07 j 21:56       | 20° <b>Ω</b> 01'43                    |            |
| minimum elong       | -490 Aug 30 j 20:03        | 0° <b>m</b> ,27'58                 | 2°42'02             | min. Earth dist.         | -489 Aug 11 j 13:06       | 16° <b>Ω</b> 48'08                    | 0.63744 AU |
|                     | -490 Aug 31 j 05:56        | 30° <b>₹Ω</b>                      |                     | inferior conj            | -489 Aug 14 j 02:31       | 14° <b>Ω</b> 09'50                    | -3°33'09   |
| morning rise        | -490 Sep 05 j 21:21        | 25° <b>Ω</b> 03'27                 |                     | minimum elong            | -489 Aug 14 j 07:10       | 13° <b>Ω</b> 57'50                    | 3°31'53    |
| asc. node           | -490 Sep 08 j 04:42        | 24° <b>Ω</b> 22'46                 |                     | morning rise             | -489 Aug 20 j 17:25       | 8° <b>Ω</b> 50'37                     |            |
| direct              | -490 Sep 08 j 16:08        | 24° <b>£</b> 21'32                 |                     | direct                   | -489 Aug 23 j 07:30       | 8° <b>Ω</b> 17'37                     |            |
| morning max el      | -490 Sep 15 j 05:13        | 27° <b>Ω</b> 54'15                 | 18°13'24            | asc. node                | -489 Aug 26 j 01:45       | 8° <b>Ω</b> 55'39                     |            |
| -                   | -490 Sep 17 j 02:39        | 0° <b>m</b> )                      |                     | morning max el           | -489 Aug 29 j 20:49       | 11° <b>Ω</b> 43'30                    | 17°55'33   |
| morning set         | -490 Oct 03 j 19:38        | 25° m/49'05                        |                     | C                        | -489 Sep 11 j 06:50       | 0° <b>m</b> )                         |            |
|                     | -490 Oct 06 j 08:36        | 0∘ <b>⊽</b>                        |                     | morning set              | -489 Sep 15 j 17:52       | 7° <b>m</b> 41'53                     |            |
|                     | J                          |                                    |                     | C                        | 1 0                       |                                       |            |
| superior conj       | -490 Oct 18 j 08:10        | 19° <b>≏</b> 20'06                 | -0°01'01            | superior conj            | -489 Sep 28 j 05:22       | 28° <b>m</b> 49'07                    | 0°44'11    |
| minimum elong       | -490 Oct 18 j 08:02        | 19° <b>£</b> 19'36                 | 0°01'00             | minimum elong            | -489 Sep 28 j 09:46       | 29° Mp 07'10                          | 0°43'37    |
| behind sun begin    | -490 Oct 17 j 21:05        | 18° <b>≏</b> 36′06                 |                     |                          | -489 Sep 28 j 22:40       | $0$ $\circ$ $\overline{\mathbf{v}}$   |            |
| behind sun end      | -490 Oct 18 j 19:00        | 20° <b>♀</b> 03'04                 |                     | max. Earth dist.         | -489 Oct 04 j 00:55       | 8° <b>≏</b> 14'20                     | 1.44089 AU |
| desc. node          | -490 Oct 18 j 04:28        | 19° <b>£</b> 05'25                 |                     | desc. node               | -489 Oct 05 j 01:28       | 9° <b>£</b> 52'12                     |            |
| max. Earth dist.    | -490 Oct 21 j 08:08        | 24° <b>₽</b> 04'36                 | 1.44876 AU          | evening rise             | -489 Oct 14 j 04:20       | 24° <b>≏</b> 08'29                    |            |
| max. Earth dist.    | -490 Oct 25 j 02:35        | 0° <b>™</b>                        | 1.44070710          | evening rise             | -489 Oct 18 j 00:01       | 0° <b>M</b>                           |            |
| evening rise        | -490 Nov 03 j 20:06        | 15°ML11'03                         |                     |                          | -489 Nov 07 j 20:12       | 0° <b>∡</b> 7                         |            |
| 2 , ching 1150      | -490 Nov 13 j 09:36        | 13 <b>116</b> 11 03                |                     | evening max el           | -489 Nov 11 j 10:20       | 4° <b>∡</b> 105'35                    | 20°37'03   |
| greatest brilliancy | -490 Nov 15 j 23:44        | 0 <b>x</b> .<br>3° <b>x</b> 756'49 | -0.7m               | retrograde               | -489 Nov 19 j 13:23       | 8° <b>₹</b> 53'39                     | 20 3103    |
| -                   | -                          |                                    | -0.7III<br>19°36'00 | •                        |                           | 8° <b>₹</b> 18'28                     |            |
| evening max el      | -490 Nov 28 j 08:01        | 20° 🗷 37'31                        | 17 30 00            | asc. node                | -489 Nov 22 j 01:00       |                                       |            |
| asc. node           | -490 Dec 05 j 03:58        | 24° 🗷 51'17                        |                     | evening set              | -489 Nov 23 j 09:50       | 7°×728'16                             | 2010/20    |
| retrograde          | -490 Dec 05 j 15:49        | 24° 🗷 52'39                        |                     | inferior conj            | -489 Nov 28 j 19:39       | 1°×719'50                             | 2°10'39    |
| evening set         | -490 Dec 09 j 03:05        | 23° <b>x</b> <sup>7</sup> 42'11    | 2051124             | minimum elong            | -489 Nov 28 j 17:06       | 1°×728'30                             | 2°09'47    |
| inferior conj       | -490 Dec 14 j 15:55        | 17° 🗷 45'02                        | 2°51'24             | min. Earth dist.         | -489 Nov 29 j 10:04       | 0° <b>∡</b> 730'47                    | 0.67154 AU |
| minimum elong       | -490 Dec 14 j 13:04        | 17° 🗷 54'20                        | 2°50'36             | · ·                      | -489 Nov 29 j 19:10       | 30°RM                                 |            |
| min. Earth dist.    | -490 Dec 15 j 18:50        | 16° ₹ 17'01                        | 0.66398 AU          | morning rise             | -489 Dec 04 j 00:09       | 25°M06'10                             |            |
| morning rise        | -490 Dec 19 j 22:49        | 11° <b>∡</b> ³32'50                |                     | direct                   | -489 Dec 09 j 12:47       | 22°M40'24                             |            |

| ,                                 | nical year style is used: The              |   | •                     | . //                       | 901 BCE in historical cou                  | , ,  | 50 221     |
|-----------------------------------|--|---|-----------------------|----------------------------|--|--|------------|
| morning max el                    | -489 Dec 20 j 17:22                        | 29°M20'59                                       |                       | morning max el             | -488 Dec 02 j 03:04                        | 12° <b>M</b> 39'17                             | 22°55'04   |
| -                                 | -489 Dec 21 j 08:36                        | 0° <b>∡</b> ¹                                   |                       |                            | -488 Dec 15 j 23:42                        | 0° <b>∡</b> ¹                                  |            |
| desc. node                        | -488 Jan 01 j 00:44                        | 12° <b>₹</b> 59'48                              |                       | desc. node                 | -488 Dec 17 j 21:46                        | 2° <b>х¹</b> 43′28                             |            |
|                                   | -488 Jan 12 j 17:51                        | 8°0   |                       |                            | -487 Jan 04 j 15:28                        | 0°ರ  |            |
| morning set                       | -488 Jan 25 j 15:18                        | 21° <b>ප</b> 09'07                              |                       | morning set                | -487 Jan 05 j 12:35                        | 1° <b>る</b> 27'07                              |            |
| max. Earth dist.                  | -488 Jan 29 j 08:15                        | 27° <b>る</b> 43'57                              | 1.37819 AU            | max. Earth dist.           | -487 Jan 10 j 03:45                        | 9° <b>ට</b> 15'43                              | 1.39938 AU |
|                                   | -488 Jan 30 j 14:10                        | 0° <b>≈</b>                                     |                       |                            |  |  |            |
|                                   |  |   |                       | superior conj              | -487 Jan 17 j 21:42                        | 23° <b>る</b> 00'27                             |            |
| superior conj                     | -488 Feb 05 j 06:22                        | 10° <b>≈</b> 39′28                              |                       | minimum elong              | -487 Jan 17 j 23:50                        | 23° <b>る</b> 10'12                             | 1°58'04    |
| minimum elong                     | -488 Feb 05 j 10:00                        | 10° <b>≈</b> 56'58                              | 1°44'27               |                            | -487 Jan 21 j 16:11                        | 0° <b>≈</b>                                    |            |
| evening rise                      | -488 Feb 13 j 22:47                        | 27°≈45'08                                       |                       | evening rise               | -487 Jan 27 j 13:43                        | 11°≈12'12                                      |            |
| 1                                 | -488 Feb 15 j 02:08                        | 0° <b>∀</b>                                     |                       | asc. node                  | -487 Feb 03 j 21:22                        | 24°≈44'30                                      |            |
| asc. node                         | -488 Feb 18 j 00:19                        | 5° <b>∺</b> 39'50                               | 10007120              |                            | -487 Feb 07 j 02:07                        | 0° <b>∀</b>                                    | 10020100   |
| evening max el retrograde         | -488 Mar 01 j 16:02<br>-488 Mar 10 j 08:55 | 24° <b>H</b> 45'58<br>28° <b>H</b> 57'06        | 19°06'39              | evening max el retrograde  | -487 Feb 12 j 19:39<br>-487 Feb 20 j 07:45 | 7° <b>光</b> 17'54<br>10° <b>光</b> 59'07        | 18-28-09   |
| evening set                       | -488 Mar 12 j 15:03                        | 28° <del>X</del> 3706<br>28° <del>X</del> 41'28 |                       | evening set                | -487 Feb 20 j 07.43                        | 10 <del>X</del> 3907<br>10° <del>X</del> 36'30 |            |
| inferior conj                     | -488 Mar 20 j 18:27                        | 24° <b>H</b> 29'07                              | 2°11'02               | inferior conj              | -487 Mar 02 j 04:00                        | 6° <b>₩</b> 04'10                              | 3°15'12    |
| minimum elong                     | -488 Mar 20 j 22:47                        | 24° <b>H</b> 21'40                              | 2°09'47               | minimum elong              | -487 Mar 02 j 07:43                        | 5° <b>H</b> 56'42                              |            |
| min. Earth dist.                  | -488 Mar 23 j 19:45                        |   | 0.56764 AU            | min. Earth dist.           | -487 Mar 05 j 14:17                        | 3° <b>¥</b> 20′07                              | 0.58638 AU |
| desc. node                        | -488 Mar 28 j 23:54                        | 19° <b>)</b> 34'27                              |                       | morning rise               | -487 Mar 09 j 18:01                        | 0° <b>)</b> (37'44                             |            |
| morning rise                      | -488 Mar 29 j 03:33                        | 19° <b>)</b> 30′53                              |                       | č                          | -487 Mar 11 j 02:43                        | 30° <b>R</b> ≈                                 |            |
| direct                            | -488 Apr 03 j 04:28                        | 18° <b>)</b> 31′23                              |                       | direct                     | -487 Mar 15 j 20:09                        | 29° <b>≈</b> 01'59                             |            |
| morning max el                    | -488 Apr 17 j 10:10                        | 25° <b>)</b> 51′27                              | 25°29'38              | desc. node                 | -487 Mar 15 j 20:57                        | 29° <b>≈</b> 01'59                             |            |
|                                   | -488 Apr 21 j 07:39                        | $0$ ° $\mathbf{\gamma}$                         |                       |                            | -487 Mar 20 j 16:12                        | 0° <b>)</b>                                    |            |
|                                   | -488 May 10 j 07:45                        | 0°8   |                       | morning max el             | -487 Mar 30 j 04:04                        | 6° <b>)</b> 40′04                              | 26°48'01   |
| morning set                       | -488 May 14 j 13:06                        | 8° <b>8</b> 37'16                               |                       |                            | -487 Apr 16 j 12:59                        | $0^{\circ}\mathbf{\Upsilon}$                   |            |
| asc. node                         | -488 May 15 j 23:35                        | 11° <b>8</b> 40'20                              |                       | morning set                | -487 Apr 28 j 23:27                        | 23° <b>Y</b> 30'43                             |            |
|                                   |  |   |                       |                            | -487 May 02 j 00:36                        | $0^{\circ}S$                                   |            |
| superior conj                     | -488 May 21 j 12:58                        | 23° <b>8</b> 45'10                              |                       | asc. node                  | -487 May 02 j 20:38                        | 1° <b>8</b> 48'34                              |            |
| minimum elong                     | -488 May 21 j 10:49                        | 23° <b>8</b> 33'25                              |                       |                            |  |  |            |
| max. Earth dist.                  | -488 May 22 j 11:50                        | 25° <b>8</b> 49'56                              | 1.32711 AU            | superior conj              | -487 May 06 j 00:40                        | 8° <b>8</b> 44'34                              | 0°32'58    |
|                                   | -488 May 24 j 09:57                        | 0°II  |                       | minimum elong              | -487 May 05 j 23:15                        | 8° <b>8</b> 36'50                              | 0°32'40    |
| evening rise                      | -488 May 28 j 15:33                        | 8° <b>Ⅱ</b> 56'39                               |                       | max. Earth dist.           | -487 May 06 j 00:26                        | 8° <b>8</b> 43'19                              | 1.32389 AU |
| JJ.                               | -488 Jun 08 j 18:34<br>-488 Jun 24 j 23:11 | 0°95  |                       | evening rise               | -487 May 12 j 23:11                        | 23° <b>႘</b> 44'47<br>0° <b>Ⅱ</b>              |            |
| desc. node<br>evening max el      | -488 Jun 24 j 23:11<br>-488 Jun 29 j 10:10 | 23°520'48<br>28°502'25                          | 2701444               |                            | -487 May 16 j 00:17<br>-487 Jun 02 j 20:22 | 0₀e<br>0.π                                     |            |
| evening max er                    | -488 Jul 01 j 14:39                        | 28 <b>3</b> 02 23                               | 2/ 1444               | evening max el             | -487 Jun 11 j 12:00                        | 9° <b>9</b> 59'54                              | 26°31'24   |
| retrograde                        | -488 Jul 13 j 06:58                        | 5° <b>Ω</b> 20'17                               |                       | desc. node                 | -487 Jun 11 j 20:13                        | 10° <b>©</b> 19'17                             | 20 31 24   |
| evening set                       | -488 Jul 20 j 09:48                        | 2° <b>£</b> 58'30                               |                       | retrograde                 | -487 Jun 25 j 12:04                        | 17°9514'37                                     |            |
| min. Earth dist.                  | -488 Jul 24 j 00:10                        | 0° <b>Ω</b> 10'06                               | 0.61931 AU            | evening set                | -487 Jul 02 j 02:22                        | 15°524'36                                      |            |
|                                   | -488 Jul 24 j 04:44                        | 30° <b></b> ₹©                                  |                       | min. Earth dist.           | -487 Jul 06 j 01:13                        | 12°5946'46                                     | 0.59906 AU |
| inferior conj                     | -488 Jul 27 j 01:28                        | 27°522'32                                       | -4°13'58              | inferior conj              | -487 Jul 09 j 09:19                        | 10°907'12                                      |            |
| minimum elong                     | -488 Jul 27 j 05:39                        | 27°512'56                                       | 4°13'13               | minimum elong              | -487 Jul 09 j 11:13                        | 10°503'23                                      | 4°38'43    |
| morning rise                      | -488 Aug 03 j 02:56                        | 22°523'02                                       |                       | morning rise               | -487 Jul 16 j 22:03                        | 5° <b>©</b> 29'58                              |            |
| direct                            | -488 Aug 05 j 14:50                        | 21° <b>9</b> 56'06                              |                       | direct                     | -487 Jul 19 j 09:55                        | 5° <b>5</b> 07'14                              |            |
| asc. node                         | -488 Aug 11 j 22:47                        | 24°953'22                                       |                       | morning max el             | -487 Jul 26 j 22:18                        | 8°545'29                                       | 18°15'59   |
| morning max el                    | -488 Aug 12 j 11:31                        | 25° <b>5</b> 23'26                              | 17°56'03              | asc. node                  | -487 Jul 29 j 19:51                        | 12° <b>©</b> 00'02                             |            |
|                                   | -488 Aug 16 j 08:11                        | $0$ $\circ$ $\Omega$                            |                       |                            | -487 Aug 09 j 17:16                        | $0$ $\circ$ $\Omega$                           |            |
| morning set                       | -488 Aug 28 j 12:28                        | 20° <b>£</b> 33'34                              |                       | morning set                | -487 Aug 11 j 21:48                        | 4° <b>Ω</b> 07'46                              |            |
|                                   | -488 Sep 02 j 18:03                        | 0° <b>m</b>                                     |                       |                            | 407 4 21:27:17                             | 210 2 4  | 1025155    |
|                                   | 400 C 00 : 05 55                           | 00.000  | 101720                | superior conj              | -487 Aug 21 j 07:42                        | 21° <b>Ω</b> 44'07                             | 1°37'55    |
| superior conj                     | -488 Sep 08 j 05:56                        | 9° Mp 39'18                                     | 1°17'38               | minimum elong              | -487 Aug 21 j 10:49                        | 21° <b>Ω</b> 58'19                             | 1°37'41    |
| minimum elong<br>max. Earth dist. | -488 Sep 08 j 10:50<br>-488 Sep 15 j 13:54 | 10° Mp 00'26<br>21° Mp 59'27                    | 1°17'06<br>1.42695 AU | max. Earth dist.           | -487 Aug 25 j 22:51                        | 0° Mp<br>5° Mp 04'47                           | 1.40868 AU |
|                                   | 1 2  | 0° <b>£</b> 38′07                               | 1.42093 AU            |                            | -487 Aug 28 j 21:25                        |  | 1.40606 AU |
| desc. node                        | -488 Sep 20 j 22:30<br>-488 Sep 20 j 12:55 | 0₀ <b>ರ</b><br>೧ <u>೩₹</u> 38.0\                |                       | evening rise<br>desc. node | -487 Sep 02 j 17:36<br>-487 Sep 07 j 19:33 | 13° Mp 10'04<br>21° Mp 19'11                   |            |
| evening rise                      | -488 Sep 20 j 12.33                        | ა <u></u><br>3° <b></b> 14'21                   |                       | uese. Houe                 | -487 Sep 07 j 19.33                        | 0° <b>ت</b><br>1 الأاكاا                       |            |
| 2. Jg 1100                        | -488 Oct 10 j 11:01                        | 0°M   |                       |                            | -487 Oct 05 j 21:13                        | 0° <b>™</b>                                    |            |
| evening max el                    | -488 Oct 24 j 06:56                        | 17°M34'37                                       | 21°49'21              | evening max el             | -487 Oct 05 j 21:15                        | 1°ML04'48                                      | 23°08'24   |
| retrograde                        | -488 Nov 02 j 09:51                        | 22°M59'56                                       | , <del>-</del> -      | retrograde                 | -487 Oct 17 j 03:48                        | 7° <b>ML</b> 08'24                             |            |
| evening set                       | -488 Nov 06 j 17:36                        | 21°M17'39                                       |                       | evening set                | -487 Oct 22 j 00:42                        | 5°M07'56                                       |            |
| asc. node                         | -488 Nov 07 j 22:02                        | 20°M13'29                                       |                       | asc. node                  | -487 Oct 25 j 19:04                        | 0°M56'17                                       |            |
| inferior conj                     | -488 Nov 12 j 01:59                        | 15°ML01'12                                      | 1°23'52               |                            | -487 Oct 26 j 11:49                        | 30° <b>₹</b> Ω                                 |            |
| minimum elong                     | -488 Nov 12 j 00:10                        | 15°M07'29                                       | 1°23'09               | inferior conj              | -487 Oct 27 j 09:05                        | 28° <b>≏</b> 47'04                             | 0°32'40    |
| min. Earth dist.                  | -488 Nov 12 j 05:10                        | 14°M50'13                                       | 0.67561 AU            | minimum elong              | -487 Oct 27 j 08:19                        | 28° <b>≏</b> 49'42                             | 0°32'20    |
| morning rise                      | -488 Nov 17 j 06:34                        | 8° <b>M</b> 48'19                               |                       | min. Earth dist.           | -487 Oct 27 j 01:45                        | 29° <b>≏</b> 12'18                             | 0.67634 AU |
| direct                            | -488 Nov 22 j 03:59                        | 6°M44'17  |                       | morning rise               | -487 Nov 01 j 15:52                        | 22° <b>≏</b> 37'15                             |            |
|                                   |  |   |                       |                            |  |  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. direct -487 Nov 05 i 22:43 20°**♀**55'52 direct -486 Oct 20 i 19:59 5°**♀**10'27 -487 Nov 14 j 17:42 26°**2**05'26 21°31'05 -486 Oct 28 j 15:33 9°**2**41'13 20°16'54 morning max el morning max el -487 Nov 18 j 06:18 -486 Nov 12 j 21:51 o°M. o°m. desc. node -487 Dec 04 j 18:50 22°M50'26 desc. node -486 Nov 21 j 15:52 13°M13'31 0°**∡**¹ -486 Nov 25 j 02:52 -487 Dec 09 j 12:38 morning set 18°M33'08 -487 Dec 16 j 05:05 morning set 10°**х** 23′47 -486 Dec 02 j 10:23 0°**∡**7 max. Earth dist. -487 Dec 23 j 04:50 21°**₹**'41'21 1.41957 AU max. Earth dist. -486 Dec 05 j 13:12 4°**≯**58'15 1.43599 AU -487 Dec 28 j 03:46 0°ಕ superior conj -486 Dec 11 j 08:44 14°**₹**25'11 -1°47'08 13°**₹**59'54 1°46'43 superior conj -487 Dec 30 j 16:11 4°る19'39 -2°00'26 minimum elong -486 Dec 11 j 02:36 minimum elong -487 Dec 30 j 14:46 4°る13'30 2°00'24 -486 Dec 20 j 14:39 0°ಕ -486 Jan 10 j 16:12 24°**る**00'25 -486 Dec 24 j 01:57 evening rise evening rise 6°**る**00'17 -486 Jan 13 j 23:12 0°≈ -485 Jan 07 j 18:34 0°≈ asc. node -486 Jan 21 j 18:24 13°≈16'56 asc. node -485 Jan 08 j 15:27 1°≈06'33 evening max el -486 Jan 27 j 05:04 20°≈14'17 18°09'36 evening max el -485 Jan 10 j 17:15 3°**≈**26′21 18°10'32 retrograde -486 Feb 03 j 00:07 23°≈41'32 retrograde -485 Jan 17 j 05:28 6°≈53'12 evening set -486 Feb 05 j 15:42 23°**≈**10′32 evening set -485 Jan 20 j 01:18 6°≈12'49 inferior conj -486 Feb 12 j 09:35 18°**≈**16'56 3°46'06 inferior conj -485 Jan 26 j 07:30 0°**≈**58'51 3°51'16 minimum elong -486 Feb 12 j 11:05 18°≈13'26 3°46'00 minimum elong -485 Jan 26 j 06:50 1°≈00'36 3°51'14 min. Earth dist. -486 Feb 15 j 15:03 15°≈17'36 0.60725 AU -485 Jan 27 j 05:38 30°Rる morning rise -486 Feb 19 j 04:47 12°≈30'55 min. Earth dist. -485 Jan 29 j 00:32 28°る07'40 0.62729 AU direct -486 Feb 25 i 23:14 10°≈18'26 morning rise -485 Feb 01 i 11:25 25°る00'47 desc. node -486 Mar 02 j 18:00 11°≈19'10 direct -485 Feb 08 i 11:35 22°る21'11 morning max el -486 Mar 12 j 04:19 18°≈06'27 27°35'22 desc. node -485 Feb 17 i 15:03 26°る02'10 -486 Mar 22 j 03:43 0°**)**€ -485 Feb 22 j 04:53 0°≈ -486 Apr 09 j 04:18  $0^{\circ}\Upsilon$ -485 Feb 22 j 10:10 0°≈13'02 27°46'02 morning max el -486 Apr 13 j 06:32 8°Y12'29 -485 Mar 16 j 03:46 0°\ morning set max. Earth dist. -486 Apr 19 j 12:53 21°**Y**'33'50 -485 Mar 28 j 08:06 22° **H** 34'19 1.32426 AU morning set -486 Apr 19 j 17:43 22° Y 00'14  $0^{\circ}\Upsilon$ asc node -485 Mar 31 j 22:34 -485 Apr 02 j 21:04 4°Υ06'30 1.32840 AU max. Earth dist. -486 Apr 20 j 11:59 23°**Y**'40'07 0°08'04 superior conj  $8^{\circ}$ **Y**25'15 -0°18'14 -486 Apr 20 j 11:37 -485 Apr 04 j 21:12 minimum elong 23°**Y**38'06 0°08'00 superior conj  $8^{\circ}$ **Y**29'54  $0^{\circ}$ 18'02 -486 Apr 20 j 07:14 23°Y14'06 -485 Apr 04 j 22:03 behind sun begin minimum elong -486 Apr 20 j 16:00 24°**Y**'02'06 -485 Apr 06 j 14:46 12°Y10'31 behind sun end asc. node -486 Apr 23 j 09:24 -485 Apr 11 j 21:40 23°Y33'23 0°8 evening rise -486 Apr 27 j 09:53 8°**8**39'30 -485 Apr 15 j 00:22 evening rise  $0^{\circ}$ 8 -486 May 08 j 12:17 -485 May 04 j 01:07  $\Pi$  $^{\circ}0$  $0^{\circ}\Pi$ evening max el -486 May 24 j 06:53 21°II12'11 25°18'53 evening max el -485 May 05 j 21:39 1°II53'20 23°48'01 desc. node -486 May 29 j 17:14 25°**Ⅲ**33'01 desc. node -485 May 16 j 14:15 8°**Ⅲ**25'32 retrograde -486 Jun 07 j 07:39 28°**Ⅲ**21'48 retrograde -485 May 19 j 15:33 8°**Ⅱ**46'48 -486 Jun 12 j 20:15 27°**Ⅱ**10'40 evening set -485 May 23 j 17:35 8°**Ⅱ**09'54 evening set -486 Jun 17 j 18:42 24°**Д**25'18 0.57888 AU min. Earth dist. -485 May 30 j 08:34 5°**П**02'05 0.56196 AU min. Earth dist. -486 Jun 20 j 22:35 22°**I**14'22 -4°37'16 -485 Jun 01 j 15:41 3°Д38'17 -3°56'50 inferior conj inferior conj -486 Jun 20 j 20:18 22°**I**18'19 4°37'06 -485 Jun 01 j 09:18 3°**II**48'02 3°55'32 minimum elong minimum elong -486 Jun 28 j 23:04 17°**Ⅲ**59'23 -485 Jun 08 j 21:35 30°₽**८** morning rise -486 Jul 01 j 12:12 -485 Jun 10 i 03:56 29°**8**39'44 direct 17°**Ⅲ**39'42 morning rise -486 Jul 10 j 02:14 morning max el 21°**Ⅱ**41'14 18°56'21 direct -485 Jun 12 j 19:05 29°822'04 asc. node -486 Jul 16 i 16:55 0°901'09 -485 Jun 16 i 12:49  $0^{\circ}II$ -485 Jun 22 i 20:36 -486 Jul 16 i 16:37 0ಂತಾ morning max el 4°П01'28 19°57'40 -486 Jul 26 j 17:37 18°9513'19 -485 Jul 03 i 14:00 18°**Ⅱ**44'13 morning set asc. node -486 Aug 01 j 17:24  $0^{\circ}\Omega$ -485 Jul 09 j 12:31 0ಂತಾ -485 Jul 10 j 20:47 2°5542'13 morning set -486 Aug 04 j 05:06 4°Ω48'08 1°46'39 superior conj 18°536'18 1°46'09 minimum elong -486 Aug 04 j 06:00 4°Ω52'28 1°46'39 superior conj -485 Jul 18 j 16:48 max. Earth dist. -486 Aug 11 j 00:31 17°**Ω**25'34 1.38858 AU minimum elong -485 Jul 18 j 15:55 18°931'52 1°46'09 -485 Jul 24 j 04:29 evening rise -486 Aug 14 j 21:55 24°Ω15'51 max. Earth dist. 29°**©**18'00 1.36926 AU -486 Aug 18 j 07:14 0° m -485 Jul 24 j 13:21 0° $\Omega$ -486 Aug 25 j 16:35 -485 Jul 28 j 01:42 desc. node 11°**m** 51'17 evening rise 6°**£**30′11 -486 Sep 07 j 05:03 0∘**⊽** -485 Aug 11 j 03:29 0° m -486 Sep 19 j 10:31 -485 Aug 12 j 13:36 evening max el 14°**△**37'32 24°28'08 desc. node 2°m 09'35 -486 Sep 30 j 18:10 retrograde 21°**♀**15'02 evening max el -485 Sep 01 j 21:53 28° mg 13'42 25°41'17 evening set -486 Oct 06 j 05:22 18°**£**56'39 -485 Sep 03 j 19:30 0∘**⊽** min. Earth dist. -486 Oct 10 j 21:26 13°**೨**34'38 0.67388 AU retrograde -485 Sep 14 j 04:03 5°**£**15'31 inferior conj -486 Oct 11 j 15:11 12°**△**35'10 -0°21'33 evening set -485 Sep 20 j 05:50 2°**£**41'46 minimum elong -486 Oct 11 j 15:42 12°**△**33'25 0°21'20 -485 Sep 22 j 21:08 30°R, Mp -486 Oct 12 j 16:07 11°**♀**12'21 min. Earth dist. -485 Sep 24 j 13:50 27° m 55'27 0.66822 AU asc. node

-486 Oct 17 j 02:05

morning rise

6°**£**30'56

-485 Sep 25 j 18:31

 $26^{\circ}$  My  $23'45 - 1^{\circ}17'12$ 

inferior conj

| •                 | omena or wercury                                  |                                    | •                  |                        |                     |                                   | ge 223      |
|-------------------|---|------------------------------------|--------------------|------------------------|---------------------|-----------------------------------|-------------|
| minimum elong     | nical year style is used: The -485 Sep 25 j 20:27 | 26° Mp 17'33                       |                    | asc. node              | -484 Sep 15 j 10:14 | 4° <b>m</b> 04'18                 |             |
| asc. node         | -485 Sep 29 j 13:10                               | 20° m) 00'20                       | 1 10 23            | direct                 | -484 Sep 17 j 16:03 | 3° M) 36'00                       |             |
| morning rise      | -485 Oct 01 j 11:18                               | 20° m) 27'52                       |                    | morning max el         | -484 Sep 24 j 07:59 | 3° Mg 36°00<br>7° Mg 16′27        | 18031133    |
| direct            | -485 Oct 04 j 18:23                               | 19° <b>m</b> ) 25'08               |                    | morning max er         | -484 Oct 10 j 02:22 | 0° <b>⊽</b>                       | 16 31 33    |
| morning max el    | -485 Oct 11 j 20:49                               | 23° Mp 26'11                       | 10°16'23           | morning set            | -484 Oct 14 j 09:05 | 6° <b>£</b> 53'22                 |             |
| morning max er    | -485 Oct 17 j 07:04                               | 23 ال <b>ا</b> 2011<br>0° <b>م</b> | 19 10 23           | desc. node             | -484 Oct 25 j 09:55 | 24° <b>£</b> 29'39                |             |
| morning set       | -485 Nov 04 j 05:46                               | 0 <b>=</b><br>27° <b>₽</b> 05'34   |                    | desc. Hode             | -484 Oct 28 j 21:39 | 24 <b>=</b> 2939                  |             |
| morning set       | -485 Nov 06 j 02:30                               | 0°M                                |                    |                        | -404 Oct 20 j 21.57 | O III                             |             |
| desc. node        | -485 Nov 08 j 12:55                               | 3°M48'04                           |                    | superior conj          | -484 Oct 29 j 23:54 | 1°ML43'20                         | -0°29'40    |
| max. Earth dist.  | -485 Nov 18 j 03:42                               | 18°M53'29                          | 1.44659 AU         | minimum elong          | -484 Oct 29 j 20:00 | 1°M27'58                          |             |
| max. Lartii dist. | 403 140V 10 J 03.42                               | 10 1103327                         | 1.44037710         | max. Earth dist.       | -484 Oct 30 j 21:55 | 3°ML09'54                         | 1.45014 AU  |
| superior conj     | -485 Nov 20 j 23:26                               | 23°M21'36                          | -1°15'37           | evening rise           | -484 Nov 15 j 03:17 | 27°ML08'20                        | 1.13011116  |
| minimum elong     | -485 Nov 20 j 15:20                               | 22°M49'30                          |                    | evening rise           | -484 Nov 16 j 22:39 | 0°×7                              |             |
| minimum crong     | -485 Nov 25 j 03:15                               | 0°×7                               | 1 11 13            | greatest brilliancy    | -484 Nov 24 j 08:55 | 11° <b>×7</b> 43'52               | -0.8m       |
| evening rise      | -485 Dec 05 j 14:36                               | 17° <b>×7</b> 04'17                |                    | greatest orimane y     | -484 Dec 07 j 09:51 | 0°ਰ<br>ਰਾਜ                        | 0.0111      |
| e vennig rise     | -485 Dec 13 j 10:32                               | 0°る                                |                    | evening max el         | -484 Dec 07 j 15:24 | 0° <b>る</b> 14'29                 | 19°07'24    |
| evening max el    | -485 Dec 25 j 05:32                               | 16° <b>ರ</b> 48'12                 | 18°30'10           | asc. node              | -484 Dec 12 j 09:30 | 3° <b>ප</b> 46'11                 | 17 07 21    |
| asc. node         | -485 Dec 26 j 12:29                               | 18° <b>ろ</b> 01'13                 | 10 30 10           | retrograde             | -484 Dec 14 j 14:36 | 4° <b>ප</b> 13'13                 |             |
| retrograde        | -485 Dec 31 j 19:29                               | 20°පි26'00                         |                    | evening set            | -484 Dec 17 j 21:38 | 3° <b>ට</b> 10'15                 |             |
| evening set       | -484 Jan 03 j 20:15                               | 19° <b>る</b> 35'05                 |                    | evening set            | -484 Dec 21 j 08:57 | 30°R. <b>₹</b>                    |             |
| inferior conj     | -484 Jan 09 j 17:49                               | 14° <b>る</b> 02'29                 | 3°37'54            | inferior conj          | -484 Dec 23 j 13:02 | 27° <b>×1</b> 21'17               | 3°11'16     |
| minimum elong     | -484 Jan 09 j 15:42                               | 14°る02'29                          | 3°37'34<br>3°37'35 | minimum elong          | -484 Dec 23 j 10:16 | 27° 🗷 30'01                       | 3°10'37     |
| min. Earth dist.  | -484 Jan 11 j 19:38                               | 14 30638<br>11° <b>る</b> 36'59     | 0.64454 AU         | min. Earth dist.       | -484 Dec 24 j 23:53 | 25° 🗷 31'15                       | 0.65802 AU  |
| morning rise      | -484 Jan 15 j 10:40                               | 7° <b>る</b> 57'02                  | 0.04434 AU         |                        | -484 Dec 28 j 22:39 | 23 <b>x</b> ·31 13                | 0.03802 AU  |
| direct            | •   | 7 33702<br>5° <b>る</b> 05'15       |                    | morning rise<br>direct | ·                   | 18° <b>₹</b> 21'45                |             |
| desc. node        | -484 Jan 22 j 07:30                               |                                    |                    |                        | -483 Jan 04 j 09:32 |                                   | 26926152    |
|                   | -484 Feb 04 j 12:07                               | 12° <b>る</b> 35'12                 | 27921110           | morning max el         | -483 Jan 17 j 04:36 | 25° <b>メ</b> 53'08<br>0° <b>る</b> | 26°26'52    |
| morning max el    | -484 Feb 04 j 19:05                               | 12° <b>る</b> 52'30                 | 27°21'10           | 1 1-                   | -483 Jan 20 j 23:56 | 0°る26'41                          |             |
|                   | -484 Feb 18 j 14:09                               | 0° <b>≈</b><br>0° <b>∀</b>         |                    | desc. node             | -483 Jan 21 j 09:09 |                                   |             |
| . ,               | -484 Mar 07 j 16:34                               |                                    |                    | . ,                    | -483 Feb 11 j 02:56 | 0°≈                               |             |
| morning set       | -484 Mar 11 j 01:23                               | 6° <b>¥</b> 27'13                  | 1 22 (72 41)       | morning set            | -483 Feb 22 j 06:44 | 19° <b>≈</b> 40'00                | 1 24056 444 |
| max. Earth dist.  | -484 Mar 15 j 21:04                               | 16° <b>米</b> 09′20                 | 1.33673 AU         | max. Earth dist.       | -483 Feb 26 j 10:05 | 27°≈38'41                         | 1.34956 AU  |
|                   | 40434 10:02.24                                    | 220)/52/57                         | 0044152            |                        | -483 Feb 27 j 14:35 | 0° <b>ℋ</b>                       |             |
| superior conj     | -484 Mar 19 j 02:24                               | 22° <b>¥</b> 53'57                 |                    |                        | 402 M 02 : 01 22    | 60 <b>V</b> 50110                 | 1010127     |
| minimum elong     | -484 Mar 19 j 04:33                               | 23° <b>₩</b> 05'15                 | 0°44'26            | superior conj          | -483 Mar 03 j 01:23 | 6° <b>¥</b> 59'18                 |             |
| ,                 | -484 Mar 22 j 10:26                               | 0° <b>Υ</b>                        |                    | minimum elong          | -483 Mar 03 j 04:36 | 7° <b>¥</b> 15'52                 | 1°10'04     |
| asc. node         | -484 Mar 23 j 11:49                               | 2°Υ15'25                           |                    | asc. node              | -483 Mar 10 j 08:51 | 22° <b>)</b> 10'48                |             |
| evening rise      | -484 Mar 26 j 08:45                               | 8° <b>Y</b> 20′21                  |                    | evening rise           | -483 Mar 10 j 17:17 | 22° <b>)</b> 54'24                |             |
|                   | -484 Apr 06 j 21:05                               | 0° <b>8</b>                        |                    |                        | -483 Mar 14 j 05:29 | 0°Υ                               |             |
| evening max el    | -484 Apr 16 j 14:43                               | 12° <b>8</b> 30'57                 | 22°13'13           | evening max el         | -483 Mar 29 j 16:18 | 23° <b>Y</b> 32'07                | 20°47'17    |
| retrograde        | -484 Apr 29 j 10:45                               | 18° <b>8</b> 48'39                 |                    | retrograde             | -483 Apr 09 j 23:42 | 28° <b>Y</b> 59'15                |             |
| evening set       | -484 May 02 j 06:33                               | 18° <b>8</b> 31'01                 |                    | evening set            | -483 Apr 12 j 04:46 | 28° <b>Y</b> 47'35                |             |
| desc. node        | -484 May 02 j 11:18                               | 18° <b>8</b> 28'31                 |                    | desc. node             | -483 Apr 19 j 08:20 | 26° <b>Y</b> 00′17                |             |
| min. Earth dist.  | -484 May 10 j 21:32                               | 14° <b>8</b> 49'11                 | 0.55185 AU         | inferior conj          | -483 Apr 21 j 10:25 | 24° <b>Y</b> 49'56                |             |
| inferior conj     | -484 May 11 j 16:01                               | 14° <b>8</b> 23'07                 |                    | minimum elong          | -483 Apr 21 j 08:43 | 24° <b>Y</b> 52′22                | 0°35'12     |
| minimum elong     | -484 May 11 j 09:35                               | 14° <b>8</b> 32'12                 | 2°29'32            | min. Earth dist.       | -483 Apr 22 j 10:46 | 24° <b>Y</b> 15'11                | 0.55086 AU  |
| morning rise      | -484 May 20 j 14:11                               | 10° <b>8</b> 28'12                 |                    | morning rise           | -483 Apr 30 j 11:59 | 20° <b>Y</b> 40'43                |             |
| direct            | -484 May 23 j 10:33                               | 10° <b>8</b> 09'51                 |                    | direct                 | -483 May 03 j 21:34 | 20° <b>Y</b> 15'46                |             |
| morning max el    | -484 Jun 04 j 03:48                               | 15° <b>8</b> 38'56                 | 21°18'40           | morning max el         | -483 May 17 j 00:57 | 26° <b>Y</b> 36′24                | 22°54'32    |
|                   | -484 Jun 15 j 00:59                               | $\Pi^{\circ}$                      |                    |                        | -483 May 20 j 07:06 | 0°8                               |             |
| asc. node         | -484 Jun 19 j 11:03                               | 7° <b>Ⅱ</b> 58'33                  |                    | asc. node              | -483 Jun 06 j 08:06 | 27° <b>8</b> 36'09                |             |
| morning set       | -484 Jun 24 j 04:48                               | 17° <b>Ⅱ</b> 27'17                 |                    |                        | -483 Jun 07 j 12:13 | $\Pi^{\circ}0$                    |             |
|                   | -484 Jun 30 j 04:48                               | 0ංම                                |                    | morning set            | -483 Jun 08 j 15:42 | 2° <b>Ⅱ</b> 22'46                 |             |
|                   |   |                                    |                    |                        |                     | —                                 |             |
| superior conj     | -484 Jul 01 j 14:32                               | 2° <b>9</b> 55'27                  |                    | superior conj          | -483 Jun 15 j 19:07 | 17° <b>Ⅱ</b> 36'06                | 1°25'10     |
| minimum elong     | -484 Jul 01 j 12:31                               | 2°545'01                           | 1°38'19            | minimum elong          | -483 Jun 15 j 16:38 | 17° <b>Ⅱ</b> 22'52                |             |
| max. Earth dist.  | -484 Jul 05 j 15:26                               | 11° <b>©</b> 09'16                 | 1.35268 AU         | max. Earth dist.       | -483 Jun 18 j 12:09 | 23° <b>Ⅱ</b> 19'26                | 1.33976 AU  |
| evening rise      | -484 Jul 10 j 00:10                               | 19° <b>©</b> 39'59                 |                    |                        | -483 Jun 21 j 18:05 | 0°€                               |             |
|                   | -484 Jul 15 j 15:37                               | 0°N                                |                    | evening rise           | -483 Jun 23 j 12:31 | 3° <b>©</b> 31'51                 |             |
| desc. node        | -484 Jul 29 j 10:36                               | 22° <b>Ω</b> 07'06                 |                    |                        | -483 Jul 08 j 10:34 | 0°N                               |             |
|                   | -484 Aug 04 j 03:44                               | 0° <b>m</b> )                      |                    | desc. node             | -483 Jul 16 j 07:37 | 11° <b>Ω</b> 34'55                |             |
| evening max el    | -484 Aug 14 j 09:44                               | 11° m/48'23                        | 26°39'54           | evening max el         | -483 Jul 27 j 21:31 | 25° <b>Ω</b> 11'51                | 27°16'22    |
| retrograde        | -484 Aug 27 j 08:44                               | 19° <b>m</b> 03'13                 |                    |                        | -483 Aug 02 j 21:01 | 0° <b>m</b> )                     |             |
| evening set       | -484 Sep 02 j 23:55                               | 16° <b>m</b> ) 19'27               |                    | retrograde             | -483 Aug 10 j 07:46 | 2°m/31'09                         |             |
| min. Earth dist.  | -484 Sep 07 j 00:29                               | 12° <b>m</b> ) 10'24               | 0.65917 AU         | evening set            | -483 Aug 17 j 09:03 | 29° <b>Ω</b> 45'53                |             |
| inferior conj     | -484 Sep 08 j 17:09                               | 10° <b>m</b> ) 08'55               |                    |                        | -483 Aug 17 j 01:40 | 30°R <b>Ω</b>                     |             |
| minimum elong     | -484 Sep 08 j 20:27                               | 9° <b>m</b> ,59'02                 | 2°11'20            | min. Earth dist.       | -483 Aug 21 j 03:03 |                                   | 0.64651 AU  |
| morning rise      | -484 Sep 14 j 17:25                               | 4° <b>™</b> 24'36                  |                    | inferior conj          | -483 Aug 23 j 08:48 | 23° <b>Ω</b> 46'31                | -3°05'17    |
|                   |   |                                    |                    |                        |                     |                                   |             |

| Attention astronomi   | cal year style is used: Tl  | ha waar 000 in  | actronomical cour  | sting etyla ic the year (   | 001 BCE in historical cou   | nting etyle   |  |
|---|---|---|--|---|---|---|--|
| minimum elong   | -483 Aug 23 j 13:10   | 23° <b>Ω</b> 34'35  |  | morning rise  | -482 Aug 13 j 10:04   | $1^{\circ}\Omega$ 59'06   |  |
| =   |   | 23 <b>δι</b> 34 33  | 3 03 33  | direct  |   | 1° <b>Ω</b> 28'56   |  |
| morning rise  | -483 Aug 29 j 18:01   |   |  |   | -482 Aug 15 j 23:00   |   |  |
| direct  | -483 Sep 01 j 10:37   | 17° <b>Ω</b> 39'18  |  | asc. node   | -482 Aug 20 j 04:20   | 2° <b>Ω</b> 53'45   | 17952120   |
| asc. node   | -483 Sep 02 j 07:17   | 17° <b>Ω</b> 43'13  | 10002127   | morning max el  | -482 Aug 22 j 14:24   | 4° <b>Ω</b> 54'01   | 17°53'30   |
| morning max el  | -483 Sep 07 j 22:47   | 21° <b>Ω</b> 07'47  | 18-03-37   |   | -482 Sep 07 j 19:00   | 0° m)   |  |
| . ,   | -483 Sep 14 j 17:19   | 0°M)  |  | morning set   | -482 Sep 08 j 00:29   | 0° <b>m</b> 24'15   |  |
| morning set   | -483 Sep 25 j 16:51   | 18° Mp 04'31  |  |   | 492 9 10:16.52  | 200 m 25152   | 1900101  |
|   | -483 Oct 02 j 20:33   | 0∘ <b>⊽</b>   |  | superior conj   | -482 Sep 19 j 16:52   | 20° m 35'53   | 1°00'01  |
|   | 402.0 / 00:00.12  | 100 0 20142   | 0010110  | minimum elong   | -482 Sep 19 j 21:54   | 20° m 56'57   | 0°59'24  |
| superior conj   | -483 Oct 09 j 08:12   | 10° <b>Ω</b> 32'43  | 0°19'19  | D. d. E.  | -482 Sep 25 j 09:47   | 0° <b>⊽</b>   | 1 42550 ATT  |
| minimum elong   | -483 Oct 09 j 10:29   | 10° <b>Ω</b> 41'53  | 0°19'01  | max. Earth dist.  | -482 Sep 26 j 08:19   | 1° <b>£</b> 31'04   | 1.43559 AU   |
| desc. node  | -483 Oct 12 j 06:55   | 15° <b>Ω</b> 15'15  | 1 44600 444  | desc. node  | -482 Sep 29 j 03:57   | 6° <b>Ω</b> 02'00   |  |
| max. Earth dist.  | -483 Oct 13 j 16:40   | 17° <b>≏</b> 29'11  | 1.44629 AU   | evening rise  | -482 Oct 05 j 01:24   | 15° <b>≏</b> 17'00  |  |
|   | -483 Oct 21 j 16:12   | 0°M   |  |   | -482 Oct 14 j 17:39   | 0°M   | 2100/120   |
| evening rise  | -483 Oct 25 j 18:50   | 6°M22'07  | 0.6  | evening max el  | -482 Nov 03 j 20:38   | 27°M09'47   | 21°06'39   |
| greatest brilliancy   | -483 Nov 08 j 13:12   | 27°M20'07   | -0.6m  |   | -482 Nov 07 j 00:11   | 0° <b>∡</b> 7   |  |
|   | -483 Nov 10 j 08:38   | 0° <b>∡</b>   |  | retrograde  | -482 Nov 12 j 09:25   | 2° <b>∡</b> 13'46   |  |
| evening max el  | -483 Nov 20 j 20:51   | 13° <b>₹</b> 41'56  | 20°00'24   | evening set   | -482 Nov 16 j 10:26   | 0° <b>∡</b> ¹41'17  |  |
| retrograde  | -483 Nov 28 j 11:59   | 18° <b>∡</b> 10′05  |  | asc. node   | -482 Nov 16 j 03:34   | 0° <b>∡</b> 754'02  |  |
| asc. node   | -483 Nov 29 j 06:32   | 18° <b>₹</b> 06'40  |  |   | -482 Nov 17 j 06:00   | 30°RM₁  |  |
| evening set   | -483 Dec 02 j 03:01   | 16° <b>₹</b> 53'17  |  | inferior conj   | -482 Nov 21 j 19:26   | 24°M28'42   | 1°51'28  |
| inferior conj   | -483 Dec 07 j 14:20   | 10° <b>≯</b> 50'49  | 2°34'57  | minimum elong   | -482 Nov 21 j 17:08   | 24°M36'34   | 1°50'37  |
| minimum elong   | -483 Dec 07 j 11:34   | 11° <b>≯</b> 00'05  | 2°34'06  | min. Earth dist.  | -482 Nov 22 j 04:52   | 23°M56'17   | 0.67361 AU   |
| min. Earth dist.  | -483 Dec 08 j 11:39   | 9° <b>,₹</b> 39'43  | 0.66762 AU   | morning rise  | -482 Nov 26 j 23:41   | 18°M15'02   |  |
| morning rise  | -483 Dec 12 j 19:55   | 4° <b>≯</b> 37'56   |  | direct  | -482 Dec 02 j 05:41   | 15°M58'27   |  |
| direct  | -483 Dec 18 j 17:06   | 2° <b>≯</b> 01'46   |  | morning max el  | -482 Dec 12 j 22:07   | 22°M20'40   | 23°45'38   |
| morning max el  | -483 Dec 30 j 13:24   | 9° <b>₮</b> 04'24   | 25°11'41   |   | -482 Dec 19 j 14:35   | 0° <b>∡</b> 7   |  |
| desc. node  | -482 Jan 08 j 06:10   | 19°🖍 13'19  |  | desc. node  | -482 Dec 26 j 03:11   | 8° <b>∡</b> ³39'30  |  |
|   | -482 Jan 16 j 01:56   | 0°ಕ   |  |   | -481 Jan 09 j 10:09   | 0° <b>ප</b>   |  |
|   | -482 Feb 03 j 16:51   | 0° <b>≈</b>   |  | morning set   | -481 Jan 17 j 08:25   | 13° <b>る</b> 03'10  |  |
| morning set   | -482 Feb 04 j 19:07   | 1° <b>≈</b> 57'16   |  | max. Earth dist.  | -481 Jan 21 j 07:18   | 19° <b>る</b> 54'55  | 1.38706 AU   |
| max. Earth dist.  | -482 Feb 08 j 11:58   | 8° <b>≈</b> 44'06   | 1.36673 AU   |   | -481 Jan 26 j 20:50   | 0° <b>≈</b>   |  |
|   |   |   |  |   |   |   |  |
| superior conj   | -482 Feb 14 j 15:08   | 20% 62 1150   | 1022120  |   |   | 20 21155  | 1051121  |
|   | -462 Feb 14 J 13.06   | 20° <b>≈</b> 31'50  | -1-33'39   | superior conj   | -481 Jan 28 j 15:59   | 3° <b>≈</b> 21'55   | -1-31-31   |
| minimum elong   | -482 Feb 14 j 18:55   | 20 ≈51 30<br>20°≈50'30  |  | superior conj<br>minimum elong  | -481 Jan 28 j 15:59<br>-481 Jan 28 j 19:12  |   | 1°51'18  |
| 1 3   | ·   |   |  | 1 3   |   |   |  |
| 1 3   | -482 Feb 14 j 18:55   | 20° <b>≈</b> 50′30  |  | minimum elong   | -481 Jan 28 j 19:12   | 3° <b>≈</b> 37'08   |  |
| minimum elong   | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31  | 20°≈50'30<br>0° <del>X</del><br>7° <del>X</del> 07'47<br>11° <del>X</del> 51'04   |  | minimum elong   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35  | 3°≈37'08<br>20°≈53'43   |  |
| minimum elong evening rise  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04   | 20°≈50'30<br>0° <del>X</del><br>7° <del>X</del> 07'47<br>11° <del>X</del> 51'04<br>0° <b>Υ</b>  |  | minimum elong<br>evening rise   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38   | 3°≈37'08<br>20°≈53'43<br>0°¥  |  |
| minimum elong evening rise  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53  | 20°≈50'30<br>0° <del>X</del><br>7° <del>X</del> 07'47<br>11° <del>X</del> 51'04   |  | minimum elong<br>evening rise<br>asc. node  | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55  | 3°≈37'08<br>20°≈53'43<br>0°¥<br>1°¥10'35  | 1°51'18  |
| minimum elong evening rise asc. node  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55   | 20°≈50'30<br>0° <del>X</del><br>7° <del>X</del> 07'47<br>11° <del>X</del> 51'04<br>0° <b>Υ</b>  | 1°33'13  | minimum elong<br>evening rise<br>asc. node<br>evening max el  | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45   | 3°≈37'08<br>20°≈53'43<br>0° ₩<br>1° ₩ 10'35<br>17° ₩ 22'44  | 1°51'18  |
| minimum elong evening rise asc. node evening max el   | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53  | 20°≈50'30<br>0°¥<br>7°¥07'47<br>11°¥51'04<br>0°Y<br>5°Y09'10  | 1°33'13  | minimum elong evening rise  asc. node evening max el retrograde   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15  | 3°≈37'08<br>20°≈53'43<br>0°¥<br>1°¥10'35<br>17°¥22'44<br>21°¥19'31  | 1°51'18  |
| minimum elong evening rise asc. node evening max el retrograde  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20   | 20°≈50'30<br>0°¥<br>7°¥07'47<br>11°¥51'04<br>0°Y<br>5°Y09'10<br>9°Y45'25  | 1°33'13  | minimum elong evening rise  asc. node evening max el retrograde evening set   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18   | 3°≈37'08<br>20°≈53'43<br>0°₩<br>1°₩10'35<br>17°₩22'44<br>21°₩19'31<br>21°₩01'18   | 1°51'18<br>18°47'50  |
| minimum elong evening rise asc. node evening max el retrograde evening set  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20<br>-482 Mar 23 j 23:03  | 20°≈50'30<br>0° <del>X</del><br>7° <del>X</del> 07'47<br>11° <del>X</del> 51'04<br>0° <b>Y</b><br>5° <b>Y</b> 09'10<br>9° <b>Y</b> 45'25<br>9° <b>Y</b> 32'31   | 1°33'13<br>19°37'48  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40  | 3°≈37'08<br>20°≈53'43<br>0°₩<br>1°₩10'35<br>17°₩22'44<br>21°₩19'31<br>21°₩01'18<br>16°₩40'54  | 1°51'18<br>18°47'50<br>2°42'38   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20<br>-482 Mar 23 j 23:03<br>-482 Apr 01 j 13:15   | 20°≈50'30<br>0°¥<br>7°¥07'47<br>11°¥51'04<br>0°Y<br>5°Y09'10<br>9°Y45'25<br>9°Y32'31<br>5°Y28'29  | 1°33'13<br>19°37'48<br>1°17'46   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05   | 3°≈37'08<br>20°≈53'43<br>0° ₩<br>1° ₩ 10'35<br>17° ₩ 22'44<br>21° ₩ 19'31<br>21° ₩ 01'18<br>16° ₩ 40'54<br>16° ₩ 32'47  | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20<br>-482 Mar 23 j 23:03<br>-482 Apr 01 j 13:15<br>-482 Apr 01 j 16:23  | 20°≈50'30<br>0°¥<br>7°¥07'47<br>11°¥51'04<br>0°Y<br>5°Y09'10<br>9°Y45'25<br>9°Y32'31<br>5°Y28'29<br>5°Y23'30  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47  | 3°≈37'08<br>20°≈53'43<br>0° ₩<br>1° ₩ 10'35<br>17° ₩ 22'44<br>21° ₩ 19'31<br>21° ₩ 01'18<br>16° ₩ 40'54<br>16° ₩ 32'47<br>14° ₩ 16'26   | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.   | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20<br>-482 Mar 23 j 23:03<br>-482 Apr 01 j 13:15<br>-482 Apr 01 j 16:23<br>-482 Apr 04 j 01:03   | 20°≈50'30<br>0°¥<br>7°¥07'47<br>11°¥51'04<br>0°Y<br>5°Y09'10<br>9°Y45'25<br>9°Y32'31<br>5°Y28'29<br>5°Y23'30<br>3°Y54'05  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54   | 3°≈37'08<br>20°≈53'43<br>0° ₩<br>1° ₩ 10'35<br>17° ₩ 22'44<br>21° ₩ 19'31<br>21° ₩ 01'18<br>16° ₩ 40'54<br>16° ₩ 32'47<br>14° ₩ 16'26<br>11° ₩ 29'15  | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20<br>-482 Mar 23 j 23:03<br>-482 Apr 01 j 13:15<br>-482 Apr 01 j 16:23<br>-482 Apr 04 j 01:03<br>-482 Apr 06 j 05:23  | 20°≈50'30<br>0°¥<br>7°¥07'47<br>11°¥51'04<br>0°Y<br>5°Y09'10<br>9°Y45'25<br>9°Y32'31<br>5°Y28'29<br>5°Y23'30<br>3°Y54'05<br>2°Y37'27  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node  | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54<br>-481 Mar 24 j 02:24  | 3°≈37'08<br>20°≈53'43<br>0° ₩<br>1° ₩ 10'35<br>17° ₩ 22'44<br>21° ₩ 19'31<br>21° ₩ 01'18<br>16° ₩ 40'54<br>16° ₩ 32'47<br>14° ₩ 16'26<br>11° ₩ 29'15<br>10° ₩ 35'59   | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise   | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20<br>-482 Mar 23 j 23:03<br>-482 Apr 01 j 13:15<br>-482 Apr 01 j 16:23<br>-482 Apr 04 j 01:03<br>-482 Apr 06 j 05:23<br>-482 Apr 10 j 07:14   | 20°≈50'30<br>0° <del>X</del><br>7° <del>X</del> 07'47<br>11° <del>X</del> 51'04<br>0° <b>Y</b><br>5° <b>Y</b> 09'10<br>9° <b>Y</b> 45'25<br>9° <b>Y</b> 32'31<br>5° <b>Y</b> 28'29<br>5° <b>Y</b> 23'30<br>3° <b>Y</b> 54'05<br>2° <b>Y</b> 37'27<br>0° <b>Y</b> 49'16<br>0° <b>Y</b> 06'40 | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54<br>-481 Mar 24 j 02:24<br>-481 Mar 27 j 00:02   | 3°≈37'08<br>20°≈53'43<br>0° ₩<br>1° ₩ 10'35<br>17° ₩ 22'44<br>21° ₩ 19'31<br>21° ₩ 01'18<br>16° ₩ 40'54<br>16° ₩ 32'47<br>14° ₩ 16'26<br>11° ₩ 29'15<br>10° ₩ 35'59<br>10° ₩ 15'12  | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33<br>0.57508 AU  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct  | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20<br>-482 Mar 23 j 23:03<br>-482 Apr 01 j 13:15<br>-482 Apr 01 j 16:23<br>-482 Apr 04 j 01:03<br>-482 Apr 06 j 05:23<br>-482 Apr 10 j 07:14<br>-482 Apr 14 j 15:55  | 20°≈50'30 0° ★ 7° ₩07'47 11° ₩51'04 0° Ψ 5° ₩09'10 9° ¥45'25 9° ¥32'31 5° ¥28'29 5° ¥23'30 3° ¥54'05 2° ¥37'27 0° ¥49'16 0° ₩06'40  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44<br>0.555922 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54<br>-481 Mar 24 j 02:24<br>-481 Mar 27 j 00:02<br>-481 Apr 10 j 08:01  | 3°≈37'08 20°≈53'43 0° ₩ 1° ₩ 10'35 17° ₩ 22'44 21° ₩ 19'31 21° ₩ 01'18 16° ₩ 40'54 16° ₩ 32'47 14° ₩ 16'26 11° ₩ 29'15 10° ₩ 35'59 10° ₩ 15'12 17° ₩ 45'01  | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33<br>0.57508 AU  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct  | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21   | 20°≈50'30 0°  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44<br>0.555922 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54<br>-481 Mar 24 j 02:24<br>-481 Mar 27 j 00:02<br>-481 Apr 10 j 08:01<br>-481 Apr 20 j 11:39   | 3°≈37'08 20°≈53'43 0° ₭ 1° ₭ 10'35 17° ₭ 22'44 21° ₭ 19'31 21° ₭ 01'18 16° ₭ 40'54 16° ₭ 32'47 14° ₭ 16'26 11° ₭ 29'15 10° ₭ 35'59 10° ₭ 15'12 17° ₭ 45'01 0° ♥   | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33<br>0.57508 AU  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18   | 20°≈50'30 0°  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44<br>0.555922 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54<br>-481 Mar 27 j 00:02<br>-481 Apr 10 j 08:01<br>-481 Apr 20 j 11:39<br>-481 May 07 j 12:28   | 3°≈37'08 20°≈53'43 0° ₩ 1° ₩ 10'35 17° ₩ 22'44 21° ₩ 19'31 21° ₩ 01'18 16° ₩ 32'47 14° ₩ 16'26 11° ₩ 29'15 10° ₩ 35'59 10° ₩ 15'12 17° ₩ 45'01 0° ₩ 0° ₩  | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33<br>0.57508 AU  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41   | 20°≈50'30 0°  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44<br>0.555922 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54<br>-481 Mar 24 j 02:24<br>-481 Mar 27 j 00:02<br>-481 Apr 10 j 08:01<br>-481 Apr 20 j 11:39<br>-481 May 07 j 12:28<br>-481 May 08 j 15:07   | 3°≈37'08 20°≈53'43 0° ₩ 1° ₩ 10'35 17° ₩ 22'44 21° ₩ 19'31 21° ₩ 01'18 16° ₩ 32'47 14° ₩ 16'26 11° ₩ 29'15 10° ₩ 35'59 10° ₩ 15'12 17° ₩ 45'01 0° ₩ 0° ₩ 2° ₩ 19'04   | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33<br>0.57508 AU  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 05:09   | 20°≈50'30 0°  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44<br>0.555922 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54<br>-481 Mar 24 j 02:24<br>-481 Mar 27 j 00:02<br>-481 Apr 10 j 08:01<br>-481 Apr 20 j 11:39<br>-481 May 07 j 12:28<br>-481 May 08 j 15:07   | 3°≈37'08 20°≈53'43 0° ₩ 1° ₩ 10'35 17° ₩ 22'44 21° ₩ 19'31 21° ₩ 01'18 16° ₩ 32'47 14° ₩ 16'26 11° ₩ 29'15 10° ₩ 35'59 10° ₩ 15'12 17° ₩ 45'01 0° ₩ 0° ₩ 2° ₩ 19'04   | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33<br>0.57508 AU  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 05:09   | 20°≈50'30 0°  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44<br>0.555922 AU   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node   | -481 Jan 28 j 19:12<br>-481 Feb 06 j 17:35<br>-481 Feb 11 j 11:38<br>-481 Feb 12 j 02:55<br>-481 Feb 23 j 03:45<br>-481 Mar 03 j 07:15<br>-481 Mar 05 j 15:18<br>-481 Mar 13 j 10:40<br>-481 Mar 13 j 15:05<br>-481 Mar 16 j 17:47<br>-481 Mar 21 j 11:54<br>-481 Mar 27 j 00:02<br>-481 Apr 20 j 11:39<br>-481 May 07 j 12:28<br>-481 May 08 j 15:07<br>-481 May 11 j 02:13  | 3°≈37'08 20°≈53'43 0°ℋ 1°ℋ10'35 17°ℋ22'44 21°ℋ19'31 21°ℋ01'18 16°ℋ40'54 16°ℋ32'47 14°ℋ16'26 11°ℋ29'15 10°ℋ35'59 10°ℋ15'12 17°ℋ45'01 0°℉ 0°℧ 2°℧19'04 7°℧33'48   | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33<br>0.57508 AU<br>26°06'04  |
| minimum elong evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node   | -482 Feb 14 j 18:55<br>-482 Feb 19 j 08:31<br>-482 Feb 22 j 21:04<br>-482 Feb 25 j 05:53<br>-482 Mar 07 j 18:55<br>-482 Mar 12 j 04:53<br>-482 Mar 21 j 19:20<br>-482 Mar 23 j 23:03<br>-482 Apr 01 j 13:15<br>-482 Apr 01 j 16:23<br>-482 Apr 04 j 01:03<br>-482 Apr 06 j 05:23<br>-482 Apr 10 j 07:14<br>-482 Apr 14 j 15:55<br>-482 Apr 28 j 16:21<br>-482 May 24 j 03:41<br>-482 May 24 j 05:09<br>-482 May 30 j 00:31  | 20°≈50'30 0°  | 1°33'13<br>19°37'48<br>1°17'46<br>1°16'44<br>0.55922 AU<br>24°35'14  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node   | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 11 j 11:38 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 11 j 02:13   | 3°≈37'08 20°≈53'43 0° ★ 1° ★10'35 17° ★22'44 21° ★19'31 21° ★0'54 16° ★32'47 14° ★16'26 11° ★29'15 10° ★35'59 10° ★15'12 17° ★45'01 0° ♀ 0° ௧ 2° ௧19'04 7° ௧33'48   | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el morning set asc. node   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 05:09 -482 May 30 j 00:31   | 20°≈50'30 0° ★ 7° ₭07'47 11° ₭51'04 0° ❤ 5° ♥09'10 9° ♥45'25 9° ♥32'31 5° ♥28'29 5° ♥23'30 3° ♥54'05 2° ♥37'27 0° ♥49'16 0° ♥06'40 7° ♥09'25 0° ₭ 17° ₭21'54 17° ₭29'39 0° 耳 2° 耳29'17  | 1°33'13  19°37'48  1°17'46 1°16'44 0.555922 AU  24°35'14   | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong   | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 11 j 11:38 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 11 j 02:13 -481 May 15 j 15:13 -481 May 15 j 13:20   | 3°≈37'08 20°≈53'43 0° ★ 1° ★10'35 17° ★22'44 21° ★19'31 21° ★01'18 16° ★40'54 16° ★32'47 14° ★16'26 11° ★29'15 10° ₩35'59 10° ₩15'12 17° ₩45'01 0° ❤ 0° ₩ 2° ₩19'04 7° ₩33'48   | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  0°46'23 0°46'00   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el morning set asc. node   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 30 j 00:31 -482 May 31 j 04:00 -482 May 31 j 04:00   | 20°≈50'30 0° ★ 7° ₩07'47 11° ₩51'04 0° Υ 5° Υ09'10 9° Υ45'25 9° Υ32'31 5° Υ28'29 5° Υ23'30 3° Υ54'05 2° Υ37'27 0° Υ49'16 0° Υ06'40 7° Υ09'25 0° ₩ 17° ₩21'54 17° ₩22'39 0° Ⅱ 2° Щ29'17 2° Щ16'13  | 1°33'13  19°37'48  1°17'46 1°16'44 0.555922 AU  24°35'14  1°07'30 1°07'05  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong   | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 11 j 11:38 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 11 j 02:13 -481 May 15 j 15:13 -481 May 15 j 13:20 -481 May 16 j 04:08   | 3°≈37'08 20°≈53'43 0° ★ 1° ★10'35 17° ★22'44 21° ★19'31 21° ★01'18 16° ★40'54 16° ★32'47 14° ★16'26 11° ★29'15 10° ₩35'59 10° ₩15'12 17° ₩45'01 0° ❤ 0° ੴ 2° ੴ19'04 7° ੴ33'48  17° ੴ28'18 17° ੴ28'18 17° ੴ39'03   | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  0°46'23 0°46'00   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el morning set asc. node superior conj minimum elong max. Earth dist.  | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 05:09 -482 May 30 j 00:31 -482 May 31 j 04:00 -482 May 31 j 04:00 -482 May 31 j 01:36 -482 Jun 01 j 17:22   | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.555922 AU  24°35'14  1°07'30 1°07'05  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist.  | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 11 j 11:38 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 11 j 02:13 -481 May 15 j 13:20 -481 May 16 j 04:08 -481 May 21 j 10:19   | 3°≈37'08 20°≈53'43 0° ₩ 1° ₩ 10'35 17° ₩ 22'44 21° ₩ 19'31 21° ₩ 01'18 16° ₩ 40'54 16° ₩ 32'47 14° ₩ 16'26 11° ₩ 29'15 10° ₩ 35'59 10° ₩ 15'12 17° ₩ 45'01 0° ϒ 0° ϒ 2° ₺ 19'04 7° ₺ 33'48 17° ₺ 28'18 17° ₺ 18'00 18° ₺ 39'03 0° Щ   | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  0°46'23 0°46'00   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el morning set asc. node superior conj minimum elong max. Earth dist.  | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 10 j 07:14 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 05:09 -482 May 31 j 04:00 -482 May 31 j 04:00 -482 May 31 j 01:36 -482 Jun 01 j 17:22   | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.555922 AU  24°35'14  1°07'30 1°07'05  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist.  | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 11 j 11:38 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 11 j 02:13 -481 May 15 j 13:20 -481 May 16 j 04:08 -481 May 21 j 10:19 -481 May 22 j 15:37   | 3°≈37'08 20°≈53'43 0° ₭ 1° ₭10'35 17° ₭22'44 21° ₭19'31 21° ₭01'18 16° ₭40'54 16° ₭32'47 14° ₭16'26 11° ₭29'15 10° ₭35'59 10° ₭15'12 17° ₭45'01 0° Ƴ 0° ₭ 2° ₭19'04 7° ₭33'48 17° ₭28'18 17° ₭28'18 17° ₭39'03 0° Ⅲ 2° Ⅲ33'23   | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  0°46'23 0°46'00   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el morning set asc. node superior conj minimum elong max. Earth dist.  | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 10 j 07:14 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 05:09 -482 May 31 j 04:00 -482 May 31 j 04:00 -482 May 31 j 01:36 -482 Jun 01 j 17:22 -482 Jun 07 j 10:42 -482 Jun 13 j 16:09   | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.555922 AU  24°35'14  1°07'30 1°07'05  | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise   | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 11 j 11:38 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 11 j 02:13 -481 May 15 j 13:20 -481 May 15 j 13:20 -481 May 16 j 04:08 -481 May 21 j 10:19 -481 May 22 j 15:37 -481 May 22 j 15:37 -481 Jun 06 j 13:31   | 3°≈37'08 20°≈53'43 0° ₩ 1° ₩10'35 17° ₩22'44 21° ₩19'31 21° ₩01'18 16° ₩40'54 16° ₩32'47 14° ₩16'26 11° ₩29'15 10° ₩35'59 10° ₩15'12 17° ₩45'01 0° Ψ 0° ₩ 2° ₩19'04 7° ₩33'48 17° ₩28'18 17° ₩38'00 18° ₩39'03 0° Щ 2° ∭133'23 0° ©   | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  0°46'23 0°46'00   |
| minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el morning set asc. node superior conj minimum elong max. Earth dist. evening rise   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 03:41 -482 May 30 j 00:31 -482 May 31 j 04:00 -482 May 31 j 04:00 -482 Jun 01 j 17:22 -482 Jun 07 j 10:42 -482 Jun 13 j 16:09 -482 Jul 02 j 22:16   | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.55922 AU  24°35'14  1°07'30 1°07'05 1.33066 AU                                | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node  | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 27 j 00:02 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 15 j 15:13 -481 May 15 j 13:20 -481 May 15 j 13:20 -481 May 21 j 10:19 -481 May 22 j 15:37 -481 May 22 j 15:37 -481 Jun 06 j 13:31 -481 Jun 20 j 01:42   | 3°≈37'08 20°≈53'43 0° ₩ 1° ₩ 10'35 17° ₩ 22'44 21° ₩ 19'31 21° ₩ 01'18 16° ₩ 32'47 14° ₩ 16'26 11° ₩ 29'15 10° ₩ 35'59 10° ₩ 15'12 17° ₩ 45'01 0° Ψ 0° ₩ 2° ₩ 19'04 7° ₩ 33'48 17° ₩ 28'18 17° ₩ 28'18 17° ₩ 18'00 18° ₩ 39'03 0° Ⅲ 2° Ⅲ 33'23 0° \$ 18° \$ 04'12   | 1°51'18  18°47'50  2°42'38  2°41'33  0.57508 AU  26°06'04  0°46'23  0°46'00  1.32530 AU                            |
| minimum elong evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise desc. node   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 10 j 07:14 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 03:41 -482 May 30 j 00:31 -482 May 31 j 04:00 -482 May 31 j 04:00 -482 Jun 01 j 17:22 -482 Jun 07 j 10:42 -482 Jun 13 j 16:09 -482 Jul 02 j 22:16 -482 Jul 03 j 04:40   | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.55922 AU  24°35'14  1°07'30 1°07'05 1.33066 AU                                | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node  | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 11 j 02:13 -481 May 15 j 15:13 -481 May 15 j 13:20 -481 May 16 j 04:08 -481 May 21 j 10:19 -481 May 22 j 15:37 -481 Jun 06 j 13:31 -481 Jun 20 j 01:42 -481 Jun 22 j 12:27   | 3°≈37'08 20°≈53'43 0° ℋ 1° ℋ10'35 17° ℋ22'44 21° ℋ19'31 21° ℋ01'18 16° ℋ40'54 16° ℋ32'47 14° ℋ16'26 11° ℋ29'15 10° ℋ35'59 10° ℋ15'12 17° ℋ45'01 0° Ƴ 0° ♉ 2° ♉19'04 7° ♉33'48 17° ♉28'18 17° ♉18'00 18° ♉39'03 0° Ⅲ 2° Ⅲ33'23 0°☜ 18°04'12 20°32'33   | 1°51'18<br>18°47'50<br>2°42'38<br>2°41'33<br>0.57508 AU<br>26°06'04<br>0°46'23<br>0°46'00<br>1.32530 AU            |
| minimum elong evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise  desc. node  desc. node evening max el   | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 24 j 03:41 -482 May 24 j 03:41 -482 May 30 j 00:31 -482 May 31 j 04:00 -482 May 31 j 01:36 -482 Jun 01 j 17:22 -482 Jun 07 j 10:42 -482 Jun 02 j 22:16 -482 Jul 03 j 04:40 -482 Jul 03 j 04:40 -482 Jul 10 j 07:12   | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.55922 AU  24°35'14  1°07'30 1°07'05 1.33066 AU                                | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node  | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 15 j 15:13 -481 May 15 j 15:13 -481 May 15 j 13:20 -481 May 16 j 04:08 -481 May 21 j 10:19 -481 May 22 j 15:37 -481 Jun 06 j 13:31 -481 Jun 20 j 01:42 -481 Jun 22 j 12:27 -481 Jul 06 j 11:05   | 3°≈37'08 20°≈53'43 0° ₭ 1° ₭10'35 17° ₭22'44 21° ₭19'31 21° ₭01'18 16° ₭40'54 16° ₭32'47 14° ₭16'26 11° ₭29'15 10° ₭35'59 10° ₭15'12 17° ₭45'01 0° ♈ 0° ₭ 2° ₺19'04 7° ₺33'48  17° ₺38'18 17° ₺39'03 0° ₣ 2° 耳33'23 0° \$ 18° \$04'12 20° \$32'33 27° \$49'59   | 1°51'18  18°47'50  2°42'38  2°41'33  0.57508 AU  26°06'04  0°46'23  0°46'00  1.32530 AU                            |
| minimum elong evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise  desc. node  desc. node evening max el retrograde                              | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 03:41 -482 May 30 j 00:31 -482 May 31 j 04:00 -482 May 31 j 01:36 -482 Jun 01 j 17:22 -482 Jun 07 j 10:42 -482 Jun 03 j 04:40 -482 Jul 03 j 04:40 -482 Jul 10 j 07:12 -482 Jul 10 j 07:12 -482 Jul 10 j 07:12   | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.55922 AU  24°35'14  1°07'30 1°07'05 1.33066 AU                                | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node evening rise   | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 15 j 15:13 -481 May 15 j 15:37 -481 May 21 j 10:19 -481 May 22 j 15:37 -481 Jun 06 j 13:31 -481 Jun 20 j 01:42 -481 Jun 22 j 12:27 -481 Jul 06 j 11:05 -481 Jul 13 j 10:06   | 3°≈37'08 20°≈53'43 0° ₭ 1° ₭10'35 17° ₭22'44 21° ₭19'31 21° ₭01'18 16° ₭40'54 16° ₭32'47 14° ₭16'26 11° ₭29'15 10° ₭35'59 10° ₭15'12 17° ₭45'01 0° ℉ 0° ₭ 2° ₺19'04 7° ₺33'48 17° ₺28'18 17° ₺39'03 0° ₭ 18° ₺04'12 20° ₺32'33 27° ₺49'59 25° \$40'03   | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  0°46'23 0°46'00 1.32530 AU  27°00'07  0.61084 AU          |
| minimum elong evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise  desc. node  desc. node evening max el retrograde evening set                  | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 03:41 -482 May 31 j 04:00 -482 May 31 j 01:36 -482 Jun 01 j 17:22 -482 Jun 07 j 10:42 -482 Jun 03 j 04:40 -482 Jul 03 j 04:40 -482 Jul 10 j 07:12 -482 Jul 24 j 00:49 -482 Jul 24 j 00:49 -482 Jul 24 j 00:49 -482 Jul 31 j 05:51                     | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.55922 AU  24°35'14  1°07'30 1°07'05 1.33066 AU  27°24'27  0.63015 AU          | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise desc. node evening set evening max el retrograde evening set min. Earth dist.  | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 07 j 12:28 -481 May 15 j 15:07 -481 May 15 j 15:13 -481 May 15 j 15:37 -481 May 22 j 15:37 -481 Jun 06 j 13:31 -481 Jun 20 j 01:42 -481 Jun 22 j 12:27 -481 Jul 06 j 11:05 -481 Jul 13 j 10:06 -481 Jul 17 j 02:25 | 3°≈37'08 20°≈53'43 0° ₭ 1° ₭10'35 17° ₭22'44 21° ₭19'31 21° ₭01'18 16° ₭40'54 16° ₭32'47 14° ₭16'26 11° ₭29'15 10° ₭35'59 10° ₭15'12 17° ₭45'01 0° ♈ 0° ♉ 2° ₭19'04 7° ♉33'48 17° Წ28'18 17° Წ39'03 0° Წ 2° ₭133'23 0° Წ 18° Წ04'12 20° Წ32'33 27° Წ49'59 25° Წ40'03 22° Წ58'21                             | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  0°46'23 0°46'00 1.32530 AU  27°00'07  0.61084 AU -4°27'01 |
| minimum elong evening rise asc. node  evening max el retrograde evening set inferior conj minimum elong min. Earth dist. desc. node morning rise direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise  desc. node  desc. node evening max el retrograde evening set min. Earth dist. | -482 Feb 14 j 18:55 -482 Feb 19 j 08:31 -482 Feb 22 j 21:04 -482 Feb 25 j 05:53 -482 Mar 07 j 18:55 -482 Mar 12 j 04:53 -482 Mar 21 j 19:20 -482 Mar 23 j 23:03 -482 Apr 01 j 13:15 -482 Apr 01 j 16:23 -482 Apr 04 j 01:03 -482 Apr 06 j 05:23 -482 Apr 10 j 07:14 -482 Apr 14 j 15:55 -482 Apr 28 j 16:21 -482 May 15 j 06:18 -482 May 24 j 03:41 -482 May 24 j 03:41 -482 May 31 j 04:00 -482 May 31 j 04:00 -482 May 31 j 01:36 -482 Jun 01 j 17:22 -482 Jun 07 j 10:42 -482 Jul 02 j 22:16 -482 Jul 03 j 04:40 -482 Jul 03 j 04:40 -482 Jul 10 j 07:12 -482 Jul 24 j 00:49 -482 Jul 31 j 05:51 -482 Aug 03 j 19:49 | 20°≈50'30 0°  | 1°33'13  19°37'48  1°17'46 1°16'44 0.55922 AU  24°35'14  1°07'30 1°07'05 1.33066 AU  27°24'27  0.63015 AU -3°51'54 | minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong max. Earth dist. evening rise desc. node evening set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node evening max el retrograde evening set min. Earth dist. inferior conj | -481 Jan 28 j 19:12 -481 Feb 06 j 17:35 -481 Feb 11 j 11:38 -481 Feb 12 j 02:55 -481 Feb 23 j 03:45 -481 Mar 03 j 07:15 -481 Mar 05 j 15:18 -481 Mar 13 j 10:40 -481 Mar 13 j 15:05 -481 Mar 16 j 17:47 -481 Mar 21 j 11:54 -481 Mar 24 j 02:24 -481 Mar 27 j 00:02 -481 Apr 10 j 08:01 -481 Apr 20 j 11:39 -481 May 07 j 12:28 -481 May 08 j 15:07 -481 May 15 j 13:20 -481 May 15 j 13:20 -481 May 15 j 13:20 -481 May 15 j 15:13 -481 May 15 j 15:13 -481 May 15 j 15:13 -481 May 15 j 15:37 -481 May 22 j 15:37 -481 Jun 06 j 13:31 -481 Jun 20 j 01:42 -481 Jun 20 j 07:41 | 3°≈37'08 20°≈53'43 0° ₭ 1° ₭10'35 17° ₭22'44 21° ₭19'31 21° ₭01'18 16° ₭40'54 16° ₭32'47 14° ₭16'26 11° ₭29'15 10° ₭35'59 10° ₭15'12 17° ₭45'01 0° ♈ 0° ₭ 2° ₺19'04 7° ₺33'48  17° ₺28'18 17° ₺18'00 18° ₺39'03 0° Ⅲ 2° Ⅲ33'23 0° \$18' \$04'12 20° \$32'33 27° \$49'59 25° \$40'03 22° \$58'21 20° \$11'25 | 1°51'18  18°47'50  2°42'38 2°41'33 0.57508 AU  26°06'04  0°46'23 0°46'00 1.32530 AU  27°00'07  0.61084 AU -4°27'01 |

| -                              | cal year style is used: Th                 |                                 | •           | · · ·            | 01 BCE in historical cou                   | , ,                                 | 50 223      |
|--------------------------------|--|---------------------------------|-------------|------------------|--|-------------------------------------|-------------|
| direct                         | -481 Jul 30 j 01:29                        | 14°956'42                       |             | morning rise     | -480 Jul 09 j 01:47                        | 28° <b>Ⅱ</b> 14'17                  |             |
| morning max el                 | -481 Aug 06 j 03:53                        | 18° <b>©</b> 27'27              | 18°02'06    | direct           | -480 Jul 11 j 13:55                        | 27° <b>Ⅱ</b> 53'03                  |             |
| asc. node                      | -481 Aug 07 j 01:24                        | 19° <b>©</b> 22'28              |             |                  | -480 Jul 17 j 12:09                        | 0°99                                |             |
|                                | -481 Aug 14 j 12:31                        | $0^{\circ}\Omega$               |             | morning max el   | -480 Jul 19 j 12:10                        | 1°540'02                            | 18°30'31    |
| morning set                    | -481 Aug 22 j 01:57                        | 13° <b>Ω</b> 35′04              |             | asc. node        | -480 Jul 23 j 22:29                        | 6°954'24                            |             |
|                                | -481 Aug 31 j 01:49                        | 0° <b>m</b> )                   |             | morning set      | -480 Aug 04 j 16:15                        | 27°524'16                           |             |
|                                |  |                                 |             |                  | -480 Aug 06 j 00:34                        | $0^{\circ}\Omega$                   |             |
| superior conj                  | -481 Sep 01 j 04:46                        | 1° <b>m</b> 59'23               | 1°27'47     |                  |  |                                     |             |
| minimum elong                  | -481 Sep 01 j 09:04                        | 2° <b>m</b> 18'19               | 1°27'23     | superior conj    | -480 Aug 13 j 15:38                        | 14° <b>Ω</b> 31'37                  | 1°42'53     |
| max. Earth dist.               | -481 Sep 08 j 18:27                        | 14° <b>m</b> 58'12              | 1.41950 AU  | minimum elong    | -480 Aug 13 j 17:48                        | 14° <b>Ω</b> 41'41                  | 1°42'47     |
| evening rise                   | -481 Sep 14 j 17:05                        | 24° <b>m</b> 39'18              |             | max. Earth dist. | -480 Aug 20 j 23:34                        | 27° <b>Ω</b> 43'37                  | 1.40024 AU  |
| desc. node                     | -481 Sep 16 j 01:00                        | 26° Mp 46'05                    |             |                  | -480 Aug 22 j 07:06                        | 0° <b>m</b>                         |             |
|                                | -481 Sep 18 j 02:22                        | 0∘ <b>ಹ</b>                     |             | evening rise     | -480 Aug 25 j 07:03                        | 5° Mp 04'53                         |             |
|                                | -481 Oct 08 j 16:53                        | 0° <b>M</b> .                   |             | desc. node       | -480 Sep 01 j 22:04                        | 17° <b>m</b> 24'07                  |             |
| evening max el                 | -481 Oct 17 j 14:45                        | 10°M38'25                       | 22°22'31    |                  | -480 Sep 10 j 06:37                        | 0∘ <b>⊽</b>                         |             |
| retrograde                     | -481 Oct 27 j 05:05                        | 16° <b>M</b> ₊20'51             |             | evening max el   | -480 Sep 29 j 04:38                        | 24° <b>≙</b> 10′05                  | 23°42'40    |
| evening set                    | -481 Oct 31 j 18:06                        | 14°M31'05                       |             | _                | -480 Oct 07 j 06:36                        | 0°M                                 |             |
| asc. node                      | -481 Nov 03 j 00:37                        | 12°MJ14'05                      |             | retrograde       | -480 Oct 09 j 21:34                        | 0°M28'46                            |             |
| inferior conj                  | -481 Nov 06 j 02:18                        | 8°M12'08                        | 1°02'37     |                  | -480 Oct 12 j 08:49                        | 30° <b>RΩ</b>                       |             |
| minimum elong                  | -481 Nov 06 j 00:54                        | 8°M17'00                        | 1°02'02     | evening set      | -480 Oct 15 j 00:22                        | 28° <b>£</b> 20'49                  |             |
| min. Earth dist.               | -481 Nov 06 j 00:59                        | 8°M16'42                        | 0.67625 AU  | asc. node        | -480 Oct 19 j 21:40                        | 22° <b>£</b> 38'42                  | 0000150     |
| morning rise                   | -481 Nov 11 j 07:33                        | 1°M59'59                        |             | inferior conj    | -480 Oct 20 j 09:12                        | 21° <b>£</b> 59′20                  | 0°09'58     |
| direct                         | -481 Nov 15 j 22:34                        | 0°M05'37                        | 22010124    | minimum elong    | -480 Oct 20 j 08:58                        | 22° <b>₽</b> 00'09                  | 0°09'51     |
| morning max el                 | -481 Nov 25 j 09:28                        | 5°M41'27                        | 22°18'24    | transit middle   | -480 Oct 20 j 08:58                        | 22° <b>⊆</b> 00'09                  | 0°09'51     |
| desc. node                     | -481 Dec 13 j 00:14                        | 28°M33'38                       |             | transit begin    | -480 Oct 20 j 06:48                        | 22° <b>£</b> 07'32                  |             |
| . ,                            | -481 Dec 13 j 23:49                        | 0° 🗷                            |             | transit end      | -480 Oct 20 j 11:08                        | 21° <b>£</b> 52'47                  | 0.67572 ATT |
| morning set                    | -481 Dec 28 j 17:10                        | 22° <b>х</b> 44'37              |             | min. Earth dist. | -480 Oct 19 j 21:33                        | 22° <b>£</b> 39'03                  | 0.67572 AU  |
| David diet                     | -480 Jan 02 j 02:56                        | 0°る                             | 1 40022 ATT | morning rise     | -480 Oct 25 j 17:30                        | 15° <b>£</b> 51'22                  |             |
| max. Earth dist.               | -480 Jan 03 j 03:57                        | 1° <b>る</b> 45'04               | 1.40822 AU  | direct           | -480 Oct 29 j 18:42                        | 14° <b>£</b> 18'56                  | 20057154    |
| aumorior coni                  | 490 Ion 10: 22:02                          | 15° <b>る</b> 17'25              | 2900145     | morning max el   | -480 Nov 07 j 02:51                        | 19° <b>₽</b> 10'53<br>0° <b>I</b> L | 20-57-54    |
| superior conj<br>minimum elong | -480 Jan 10 j 23:03<br>-480 Jan 10 j 23:56 | 15° <b>る</b> 21'20              |             | desc. node       | -480 Nov 15 j 22:45<br>-480 Nov 28 j 21:18 | 18°M48'02                           |             |
| minimum clong                  | -480 Jan 18 j 23:28                        | 0° <b>≈</b>                     | 2 00 44     | desc. Hode       | -480 Dec 06 j 04:34                        | 0° <b>√</b>                         |             |
| evening rise                   | -480 Jan 21 j 03:37                        | 0 <b>~</b><br>4° <b>≈</b> 04'17 |             | morning set      | -480 Dec 06 j 23:18                        | 1° <b>×</b> 13'06                   |             |
| asc. node                      | -480 Jan 29 j 23:57                        | 20°≈02'06                       |             | max. Earth dist. | -480 Dec 15 j 07:53                        |                                     | 1.42722 AU  |
| asc. node                      | -480 Feb 06 j 07:54                        | 0° <b>∺</b>                     |             | max. Earth dist. | -400 Dec 15 j 07.55                        | 17 × 3221                           | 1.42/22 AU  |
| evening max el                 | -480 Feb 06 j 10:12                        | 0° <b>₩</b> 05'37               | 18°17'55    | superior conj    | -480 Dec 22 j 06:59                        | 26° <b>₹</b> '06'02                 | -1°56'56    |
| retrograde                     | -480 Feb 13 j 13:41                        | 3° <b>¥</b> 38'52               | 10 17 55    | minimum elong    | -480 Dec 22 j 03:32                        | 25° <b>х</b> 51'30                  |             |
| evening set                    | -480 Feb 16 j 02:47                        | 3° <b>¥</b> 12'53               |             | g                | -480 Dec 24 j 13:50                        | 0°ਰ<br>ਹ                            | 1 00 10     |
| 8                              | -480 Feb 21 j 10:51                        | 30°R <b>≈</b>                   |             | evening rise     | -479 Jan 02 j 23:27                        | 16° <b>පි</b> 32'10                 |             |
| inferior conj                  | -480 Feb 23 j 05:01                        | 28° <b>≈</b> 31'54              | 3°31'58     | <i>y</i> 21      | -479 Jan 10 j 14:38                        | 0° <b>≈</b>                         |             |
| minimum elong                  | -480 Feb 23 j 07:51                        | 28° <b>≈</b> 25'47              | 3°31'34     | asc. node        | -479 Jan 15 j 20:59                        | 8° <b>≈</b> 17'15                   |             |
| min. Earth dist.               | -480 Feb 26 j 14:47                        | 25° <b>≈</b> 37'56              | 0.59517 AU  | evening max el   | -479 Jan 19 j 21:10                        | 13° <b>≈</b> 09'26                  | 18°07'42    |
| morning rise                   | -480 Mar 01 j 10:42                        | 22°≈56'00                       |             | retrograde       | -479 Jan 26 j 11:57                        | 16° <b>≈</b> 34'34                  |             |
| direct                         | -480 Mar 07 j 21:14                        | 21° <b>≈</b> 03'36              |             | evening set      | -479 Jan 29 j 05:28                        | 15° <b>≈</b> 59'33                  |             |
| desc. node                     | -480 Mar 09 j 23:26                        | 21° <b>≈</b> 15′07              |             | inferior conj    | -479 Feb 04 j 17:57                        | 10° <b>≈</b> 57'09                  | 3°50'58     |
| morning max el                 | -480 Mar 22 j 04:22                        | 28° <b>≈</b> 47'24              | 27°12'26    | minimum elong    | -479 Feb 04 j 18:28                        | 10° <b>≈</b> 55'53                  | 3°50'57     |
|                                | -480 Mar 23 j 09:09                        | 0° <b>)</b> €                   |             | min. Earth dist. | -479 Feb 07 j 18:46                        | 7° <b>≈</b> 58'48                   | 0.61606 AU  |
|                                | -480 Apr 13 j 05:12                        | $0^{\circ}$ Y                   |             | morning rise     | -479 Feb 11 j 06:10                        | 5° <b>≈</b> 05'36                   |             |
| morning set                    | -480 Apr 22 j 00:20                        | 17° <b>Ƴ</b> 08'10              |             | direct           | -479 Feb 18 j 04:32                        | 2° <b>≈</b> 39'52                   |             |
| asc. node                      | -480 Apr 26 j 23:17                        | 27° <b>Ƴ</b> 43'57              |             | desc. node       | -479 Feb 24 j 20:29                        | 4° <b>≈</b> 37'58                   |             |
|                                | -480 Apr 28 j 00:11                        | 0°B                             |             | morning max el   | -479 Mar 04 j 06:53                        | 10° <b>≈</b> 29'40                  | 27°44'31    |
| max. Earth dist.               | -480 Apr 28 j 16:58                        | 1° <b>8</b> 31'57               | 1.32353 AU  |                  | -479 Mar 19 j 12:32                        | 0° <b>)</b> €                       |             |
|                                |  |                                 |             |                  | -479 Apr 05 j 09:19                        | $0^{\circ}$ $\Upsilon$              |             |
| superior conj                  | -480 Apr 29 j 02:59                        | 2° <b>8</b> 26'55               | 0°22'38     | morning set      | -479 Apr 06 j 05:19                        | 1° <b>Y</b> 41'45                   |             |
| minimum elong                  | -480 Apr 29 j 01:59                        | 2° <b>8</b> 21'26               | 0°22'26     | max. Earth dist. | -479 Apr 12 j 04:01                        | 14° <b>Υ</b> 15'56                  | 1.32550 AU  |
| evening rise                   | -480 May 06 j 00:48                        | 17° <b>8</b> 25'12              |             |                  |  |                                     |             |
|                                | -480 May 12 j 07:06                        | $\Pi$ °0                        |             | superior conj    | -479 Apr 13 j 13:36                        | 17° <b>Y</b> 18′24                  |             |
|                                | -480 Jun 01 j 07:29                        | 0ංම                             |             | minimum elong    | -479 Apr 13 j 13:44                        | 17° <b>Y</b> 19′08                  | 0°02'57     |
| evening max el                 | -480 Jun 03 j 11:27                        | 2° <b>©</b> 11'16               | 26°03'45    | behind sun begin | -479 Apr 13 j 08:42                        | 16° <b>Y</b> 51'45                  |             |
| desc. node                     | -480 Jun 05 j 22:43                        | 4° <b>©</b> 22'45               |             | behind sun end   | -479 Apr 13 j 18:45                        | 17° <b>Y</b> 46'32                  |             |
| retrograde                     | -480 Jun 17 j 12:46                        | 9° <b>5</b> 24'37               |             | asc. node        | -479 Apr 13 j 20:20                        | 17° <b>Y</b> 55'11                  |             |
| evening set                    | -480 Jun 23 j 17:23                        | 7° <b>©</b> 51'08               |             |                  | -479 Apr 19 j 09:48                        | 0° <b>8</b>                         |             |
| min. Earth dist.               | -480 Jun 28 j 00:14                        | 5°5511'56                       | 0.59026 AU  | evening rise     | -479 Apr 20 j 12:09                        | 2° <b>8</b> 20'11                   |             |
| inferior conj                  | -480 Jul 01 j 08:07                        | 2°5642'02                       |             |                  | -479 May 05 j 13:58                        | 0°II                                |             |
| minimum elong                  | -480 Jul 01 j 08:25                        | 2°5541'26                       | 4°42'12     | evening max el   | -479 May 16 j 04:14                        | 13° <b>I</b> 08'18                  | 24°41'49    |
|                                | -480 Jul 05 j 04:47                        | 30°Ŗ <b>Ⅱ</b>                   |             | desc. node       | -479 May 23 j 19:45                        | 18° <b>Ⅱ</b> 41'10                  |             |

| •  | vicel year style is used: T   |  | •                                 | * *   | 901 BCE in historical cou  |  | ge 220                            |
|--|---|--|-----------------------------------|---|--|--|-----------------------------------|
| retrograde   | -479 May 30 j 03:13   | ne year -900 m<br>20° <b>Ⅱ</b> 12'11   | astronomical cou                  | retrograde  | -478 May 11 j 05:12  | 0° <b>I</b> I24'05   |                                   |
| •  | -479 May 30 J 03:13   | 20 <b>H</b> 1211<br>19° <b>H</b> 17'07   |                                   | -   |  | 29° <b>8</b> 57'08   |                                   |
| evening set  | J   |  | 0.57100 AII                       | evening set   | -478 May 14 j 17:20  |  |                                   |
| min. Earth dist.   | -479 Jun 09 j 15:46   |  | 0.57108 AU                        | · r d r d   | -478 May 14 j 12:39  | 30°R <b>8</b>  | 0.55660 ATT                       |
| inferior conj  | -479 Jun 12 j 12:50   | 14° <b>Ⅱ</b> 31'23   |                                   | min. Earth dist.  | -478 May 22 j 04:33  |  | 0.55669 AU                        |
| minimum elong  | -479 Jun 12 j 08:36   | 14° <b>Ⅲ</b> 38′21   | 4°25'03                           | inferior conj   | -478 May 23 j 21:52  | 25° <b>8</b> 36'24   |                                   |
| morning rise   | -479 Jun 20 j 18:19   | 10° <b>Ⅱ</b> 24'09   |                                   | minimum elong   | -478 May 23 j 14:46  | 25° <b>8</b> 46'47   | 3°24'03                           |
| direct   | -479 Jun 23 j 08:20   | 10° <b>Ⅱ</b> 05'23   | 10010140                          | morning rise  | -478 Jun 01 j 14:49  | 21° <b>8</b> 41'49   |                                   |
| morning max el   | -479 Jul 02 j 12:14   | 14° <b>Ⅱ</b> 21'16   | 19°19'49                          | direct  | -478 Jun 04 j 07:47  | 21° <b>8</b> 24'16   | 20020150                          |
| asc. node  | -479 Jul 10 j 19:33   | 25° <b>Ⅱ</b> 14'41   |                                   | morning max el  | -478 Jun 15 j 01:51  | 26° <b>8</b> 23'04   | 20°29'58                          |
|  | -479 Jul 13 j 13:29   | 0°9  |                                   |   | -478 Jun 18 j 11:14  | 0°II   |                                   |
| morning set  | -479 Jul 19 j 15:35   | 11° <b>©</b> 40'57   |                                   | asc. node   | -478 Jun 27 j 16:37  | 14° <b>Ⅱ</b> 11'46   |                                   |
|  |   | _  |                                   | morning set   | -478 Jul 03 j 21:04  | 26° <b>Ⅱ</b> 17'20   |                                   |
| superior conj  | -479 Jul 27 j 19:42   | 27° <b>©</b> 55'57   |                                   |   | -478 Jul 05 j 16:26  | 0ංම  |                                   |
| minimum elong  | -479 Jul 27 j 19:47   | 27° <b>©</b> 56'17   | 1°47'27                           |   |  |  |                                   |
|  | -479 Jul 28 j 21:16   | $0^{\circ}\Omega$  |                                   | superior conj   | -478 Jul 11 j 12:08  | 11° <b>©</b> 58'27   | 1°43'41                           |
| max. Earth dist.   | -479 Aug 03 j 02:44   | 9° <b>Ω</b> 51'22  | 1.38022 AU                        | minimum elong   | -478 Jul 11 j 10:41  | 11° <b>©</b> 51'06   | 1°43'37                           |
| evening rise   | -479 Aug 06 j 21:52   | 16° <b>Ω</b> 41'04   |                                   | max. Earth dist.  | -478 Jul 16 j 09:14  | 21° <b>©</b> 40'32   | 1.36180 AU                        |
|  | -479 Aug 14 j 19:17   | O° My  |                                   | evening rise  | -478 Jul 20 j 10:10  | 29° <b>5</b> 19'59   |                                   |
| desc. node   | -479 Aug 19 j 19:05   | 7° <b>m</b> 51'05  |                                   |   | -478 Jul 20 j 18:50  | $0 {\circ} \Omega$   |                                   |
|  | -479 Sep 04 j 17:40   | 0∘ <b>ত</b>  |                                   | desc. node  | -478 Aug 06 j 16:06  | 28° <b>Ω</b> 01′20   |                                   |
| evening max el   | -479 Sep 11 j 16:24   | 7° <b>≏</b> 44'59  | 25°00'28                          |   | -478 Aug 08 j 00:24  | 0° <b>m</b> y  |                                   |
| retrograde   | -479 Sep 23 j 09:56   | 14° <b>≏</b> 33'15   |                                   | evening max el  | -478 Aug 25 j 03:48  | 21° <b>m</b> 20'48   | 26°08'20                          |
| evening set  | -479 Sep 29 j 03:28   | 12° <b>≏</b> 07'59   |                                   | retrograde  | -478 Sep 06 j 17:35  | 28° <b>m</b> 29'14   |                                   |
| min. Earth dist.   | -479 Oct 03 j 16:05   | 7° <b>≙</b> 01'00  | 0.67198 AU                        | evening set   | -478 Sep 13 j 01:30  | 25° <b>m</b> 50'04   |                                   |
| inferior conj  | -479 Oct 04 j 14:21   | 5° <b>≙</b> 47'44  | -0°45'04                          | min. Earth dist.  | -478 Sep 17 j 06:11  | 21° <b>m</b> 19'50   | 0.66487 AU                        |
| minimum elong  | -479 Oct 04 j 15:28   | 5° <b>≏</b> 44'04  | 0°44'36                           | inferior conj   | -478 Sep 18 j 15:55  | 19° <b>m</b> 34'53   | -1°40'53                          |
| asc. node  | -479 Oct 06 j 18:43   | 3° <b>ჲ</b> 01'19  |                                   | minimum elong   | -478 Sep 18 j 18:27  | 19° <b>m</b> 26'59   | 1°39'51                           |
|  | -479 Oct 09 j 20:08   | 30°R Mp  |                                   | asc. node   | -478 Sep 23 j 15:47  | 14° <b>m</b> ) 17'13   |                                   |
| morning rise   | -479 Oct 10 j 03:33   | 29° m 46'47  |                                   | morning rise  | -478 Sep 24 j 11:44  | 13° <b>m</b> 43'50   |                                   |
| direct   | -479 Oct 13 j 16:41   | 28° m 34'08  |                                   | direct  | -478 Sep 27 j 14:56  | 12° <b>m</b> )47'37  |                                   |
|  | -479 Oct 17 j 19:25   | 0∘ <u>⊽</u>  |                                   | morning max el  | -478 Oct 04 j 12:02  | 16° m 38'31  | 18°55'18                          |
| morning max el   | -479 Oct 21 j 03:55   | 2° <b>£</b> 50'32  | 19°49'16                          |   | -478 Oct 14 j 13:03  | $0$ $\circ$ $\overline{\mathbf{v}}$  |                                   |
|  | -479 Nov 09 j 17:34   | 0°M  |                                   | morning set   | -478 Oct 26 j 08:02  | 18° <b>≏</b> 24'32   |                                   |
| morning set  | -479 Nov 15 j 20:10   | 9°M23'36   |                                   | desc. node  | -478 Nov 02 j 15:23  | 29° <b>≏</b> 54'29   |                                   |
| desc. node   | -479 Nov 15 j 18:21   | 9°M16'35   |                                   | dese. Hode  | -478 Nov 02 j 16:47  | 0°M  |                                   |
| max. Earth dist.   | -479 Nov 27 j 19:42   | 28°M09'51  | 1.44137 AU                        | max. Earth dist.  | -478 Nov 10 j 12:29  | 12°ML17'23   | 1.44900 AU                        |
| man. Baran alou.   | -479 Nov 28 j 23:20   | 0° <b>%</b>  | 1.1.1157, 110                     | man. Bartir dist.   | 1701107 10 112.25  | 12 110/17/23   | 1.1.500110                        |
|  | 177 1101 20 j 25.20   | 0 %  |                                   | superior conj   | -478 Nov 11 j 18:16  | 14° <b>M</b> .14'44  | -0°57'19                          |
| superior conj  | -479 Dec 02 j 11:59   | 5° <b>∡</b> 140'15   | -1°35'57                          | minimum elong   | -478 Nov 11 j 11:17  | 13°M47'10  |                                   |
| minimum elong  | -479 Dec 02 j 04:21   | 5°×109'24  | 1°35'18                           | minimum ciong   | -478 Nov 21 j 16:21  | 0° <b>∡</b> 7  | 0 30 20                           |
| evening rise   | -479 Dec 16 j 00:43   | 28° <b>×</b> <sup>7</sup> 09'19  | 1 33 16                           | evening rise  | -478 Nov 27 j 03:20  | 8° <b>∡</b> 147'56   |                                   |
| evening rise   | -479 Dec 17 j 02:44   | 0°중  |                                   | evening rise  | -478 Dec 10 j 09:39  | 0° <b>ろ</b> ず730   |                                   |
| asc. node  | -478 Jan 02 j 18:00   | 25° <b>පි</b> 45'13  |                                   | evening max el  | -478 Dec 10 j 09:39  | 9° <b>る</b> 50'05  | 18°43'54                          |
| evening max el   | -478 Jan 03 j 09:44   | 25 845 15<br>26° <b>8</b> 26'30  | 18°16'39                          | asc. node   | -478 Dec 20 j 15:02  | 9 83003<br>12° <b>8</b> 11'55  | 16 43 34                          |
| retrograde   | -478 Jan 09 j 21:36   | 20 <b>3</b> 2030<br>29° <b>3</b> 56'39   | 16 10 39                          | retrograde  | -478 Dec 24 j 14:19  | 12 <b>3</b> 11 33  |                                   |
| •  | •   |  |                                   | -   | -  |  |                                   |
| evening set  | -478 Jan 12 j 19:29   | 29°る11'47<br>23°る49'21   | 2947120                           | evening set   | -478 Dec 27 j 17:29  | 12° <b>る</b> 40'15   | 2927157                           |
| inferior conj  | -478 Jan 18 j 21:37   |  | 3°47'29                           | inferior conj   | -477 Jan 02 j 12:07  | 7°る00'09   | 3°27'57                           |
| minimum elong<br>min. Earth dist.                                    | -478 Jan 18 j 20:15<br>-478 Jan 21 j 08:09  | 23°る53'09<br>21°る07'46   | 3°47'22<br>0.63504 AU             | minimum elong<br>min. Earth dist.   | -477 Jan 02 j 09:39  | 7°る07'38<br>4°る49'01   | 3°27'31<br>0.65070 AU             |
|  | ·   |  | 0.03304 AU                        |   | -477 Jan 04 j 07:23  |  | 0.65070 AU                        |
| morning rise   | -478 Jan 24 j 20:20   | 17°₹47'48  |                                   | morning rise  | -477 Jan 08 j 01:26  | 0°る52'11   |                                   |
| direct   | -478 Jan 31 j 19:59   | 15° <b>そ</b> 01'30   |                                   | T'  | -477 Jan 09 j 03:42  | 30°R ✓   |                                   |
| desc. node   | -478 Feb 11 j 17:31   | 20°る12'18  | 27020120                          | direct  | -477 Jan 14 j 18:29  | 28° <b>メ</b> 00'01<br>0°る  |                                   |
| morning max el   |   |  | 27°39'39                          |   |  | 0° <del>7</del>  |                                   |
|  | -478 Feb 14 j 14:26   | 22° <b>る</b> 51'48   |                                   |   | -477 Jan 21 j 00:16  |  |                                   |
|  | -478 Feb 20 j 22:56   | 0° <b>≈</b>  |                                   | morning max el  | -477 Jan 28 j 00:09  | 5°₹42'33   | 27°01'15                          |
|  | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36  | 0° <b>≈</b><br>0° <b>∀</b>   |                                   | morning max el desc. node   | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33   | 5° <b>ප්</b> 42'33<br>7° <b>ප්</b> 21'53   | 27°01'15                          |
| morning set  | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43   | 0° <b>≈</b><br>0° <b>米</b><br>15° <b>米</b> 52'23   |                                   | desc. node  | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34  | 5°る42'33<br>7°る21'53<br>0°≈  | 27°01'15                          |
| morning set<br>max. Earth dist.                                      | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26  | 0°≈<br>0° <del>X</del><br>15° <del>X</del> 52'23<br>26° <del>X</del> 38'23   | 1.33143 AU                        | •   | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25   | 5° <b>る</b> 42'33<br>7° <b>る</b> 21'53<br>0°≈<br>29°≈29'32   | 27°01'15                          |
| •  | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43   | 0° <b>≈</b><br>0° <b>米</b><br>15° <b>米</b> 52'23   |                                   | desc. node morning set  | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 04 j 22:44  | 5°る42'33<br>7°る21'53<br>0°≈<br>29°≈29'32<br>0°升  |                                   |
| max. Earth dist.   | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26   | 0°≈<br>0°₩<br>15°₩52'23<br>26°₩38'23<br>0°Ψ  | 1.33143 AU                        | desc. node  | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25   | 5°る42'33<br>7°る21'53<br>0°≈<br>29°≈29'32<br>0°升  | 27°01'15<br>1.34163 AU            |
| max. Earth dist.   | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26<br>-478 Mar 28 j 21:19  | 0°≈<br>0°₩<br>15°₩52'23<br>26°₩38'23<br>0°Υ<br>1°Υ57'07  | 1.33143 AU<br>-0°29'32            | desc. node morning set max. Earth dist.                                       | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 04 j 22:44<br>-477 Mar 09 j 05:10   | 5° <b>♂</b> 42'33<br>7° <b>♂</b> 21'53<br>0°≈<br>29°≈29'32<br>0° <b>光</b><br>8° <b>光</b> 27'16                               | 1.34163 AU                        |
| max. Earth dist.   | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26<br>-478 Mar 28 j 21:19<br>-478 Mar 28 j 22:44   | 0°≈<br>0° <del>X</del><br>15° <del>X</del> 52'23<br>26° <del>X</del> 38'23<br>0° <b>Y</b><br>1° <b>Y</b> 57'07<br>2° <b>Y</b> 04'40                      | 1.33143 AU<br>-0°29'32            | desc. node morning set max. Earth dist. superior conj                         | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 04 j 22:44<br>-477 Mar 09 j 05:10<br>-477 Mar 13 j 00:08  | 5°云42'33<br>7°云21'53<br>0°≈<br>29°≈29'32<br>0°升<br>8°升27'16  | 1.34163 AU<br>-0°56'00            |
| max. Earth dist.  superior conj minimum elong asc. node              | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26<br>-478 Mar 28 j 21:19<br>-478 Mar 28 j 22:44<br>-478 Mar 31 j 17:22  | 0°≈<br>0° <del>X</del><br>15° <del>X</del> 52'23<br>26° <del>X</del> 38'23<br>0° <b>Y</b><br>1° <b>Y</b> 57'07<br>2° <b>Y</b> 04'40<br>8° <b>Y</b> 03'32 | 1.33143 AU<br>-0°29'32            | desc. node morning set max. Earth dist.                                       | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 09 j 05:10<br>-477 Mar 13 j 00:08<br>-477 Mar 13 j 02:46  | 5°♂42'33<br>7°♂21'53<br>0°≈<br>29°≈29'32<br>0°升<br>8°升27'16<br>16°升16'09<br>16°升29'58  | 1.34163 AU<br>-0°56'00            |
| max. Earth dist. superior conj minimum elong                         | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26<br>-478 Mar 28 j 21:19<br>-478 Mar 28 j 22:44   | 0°≈<br>0°¥<br>15°¥52'23<br>26°¥38'23<br>0°Y<br>1°Y57'07<br>2°Y04'40<br>8°Y03'32<br>17°Y12'03   | 1.33143 AU<br>-0°29'32            | desc. node morning set max. Earth dist. superior conj                         | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 04 j 22:44<br>-477 Mar 09 j 05:10<br>-477 Mar 13 j 00:08  | 5°云42'33<br>7°云21'53<br>0°≈<br>29°≈29'32<br>0°升<br>8°升27'16<br>16°升16'09<br>16°升29'58<br>28°升04'32                           | 1.34163 AU<br>-0°56'00            |
| max. Earth dist.  superior conj minimum elong asc. node              | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26<br>-478 Mar 28 j 21:19<br>-478 Mar 28 j 22:44<br>-478 Mar 31 j 17:22<br>-478 Apr 04 j 23:53<br>-478 Apr 11 j 08:52                        | 0°≈<br>0°¥<br>15°¥52'23<br>26°¥38'23<br>0°Y<br>1°Y57'07<br>2°Y04'40<br>8°Y03'32<br>17°Y12'03<br>0°8  | 1.33143 AU<br>-0°29'32<br>0°29'14 | desc. node morning set max. Earth dist. superior conj minimum elong           | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 09 j 05:10<br>-477 Mar 13 j 00:08<br>-477 Mar 13 j 02:46<br>-477 Mar 18 j 14:23<br>-477 Mar 19 j 12:20  | 5°る42'33<br>7°る21'53<br>0°≈<br>29°≈29'32<br>0°升<br>8°升27'16<br>16°升16'09<br>16°升29'58<br>28°升04'32<br>0°℃                    | 1.34163 AU<br>-0°56'00            |
| max. Earth dist.  superior conj minimum elong asc. node              | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26<br>-478 Mar 28 j 21:19<br>-478 Mar 28 j 22:44<br>-478 Mar 31 j 17:22<br>-478 Apr 04 j 23:53   | 0°≈<br>0°¥<br>15°¥52'23<br>26°¥38'23<br>0°Y<br>1°Y57'07<br>2°Y04'40<br>8°Y03'32<br>17°Y12'03<br>0°8<br>23°843'21   | 1.33143 AU<br>-0°29'32<br>0°29'14 | desc. node morning set max. Earth dist. superior conj minimum elong           | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 09 j 05:10<br>-477 Mar 13 j 00:08<br>-477 Mar 13 j 02:46<br>-477 Mar 18 j 14:23   | 5°♂42'33<br>7°♂21'53<br>0°≈<br>29°≈29'32<br>0°升<br>8°升27'16<br>16°升16'09<br>16°升29'58<br>28°升04'32<br>0°°<br>1°°↑53'48       | 1.34163 AU<br>-0°56'00            |
| max. Earth dist.  superior conj minimum elong asc. node evening rise | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26<br>-478 Mar 28 j 21:19<br>-478 Mar 28 j 22:44<br>-478 Mar 31 j 17:22<br>-478 Apr 04 j 23:53<br>-478 Apr 11 j 08:52                        | 0°≈<br>0°¥<br>15°¥52'23<br>26°¥38'23<br>0°Y<br>1°Y57'07<br>2°Y04'40<br>8°Y03'32<br>17°Y12'03<br>0°8  | 1.33143 AU<br>-0°29'32<br>0°29'14 | desc. node morning set max. Earth dist. superior conj minimum elong asc. node | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 04 j 22:44<br>-477 Mar 09 j 05:10<br>-477 Mar 13 j 00:08<br>-477 Mar 13 j 02:46<br>-477 Mar 18 j 14:23<br>-477 Mar 19 j 12:20<br>-477 Mar 20 j 10:06<br>-477 Apr 05 j 14:31 | 5°る42'33<br>7°る21'53<br>0°≈<br>29°≈29'32<br>0°升<br>8°升27'16<br>16°升16'09<br>16°升29'58<br>28°升04'32<br>0°Ŷ<br>1°Ŷ53'48<br>0°엉 | 1.34163 AU<br>-0°56'00<br>0°55'30 |
| max. Earth dist.  superior conj minimum elong asc. node evening rise | -478 Feb 20 j 22:56<br>-478 Mar 12 j 17:36<br>-478 Mar 21 j 03:43<br>-478 Mar 26 j 09:26<br>-478 Mar 27 j 23:26<br>-478 Mar 28 j 21:19<br>-478 Mar 28 j 22:44<br>-478 Mar 31 j 17:22<br>-478 Apr 04 j 23:53<br>-478 Apr 11 j 08:52<br>-478 Apr 27 j 18:57 | 0°≈<br>0°¥<br>15°¥52'23<br>26°¥38'23<br>0°Y<br>1°Y57'07<br>2°Y04'40<br>8°Y03'32<br>17°Y12'03<br>0°8<br>23°843'21   | 1.33143 AU<br>-0°29'32<br>0°29'14 | desc. node morning set max. Earth dist. superior conj minimum elong asc. node | -477 Jan 28 j 00:09<br>-477 Jan 29 j 14:33<br>-477 Feb 15 j 15:34<br>-477 Mar 04 j 16:25<br>-477 Mar 04 j 22:44<br>-477 Mar 09 j 05:10<br>-477 Mar 13 j 00:08<br>-477 Mar 13 j 02:46<br>-477 Mar 18 j 14:23<br>-477 Mar 19 j 12:20<br>-477 Mar 20 j 10:06                        | 5°♂42'33<br>7°♂21'53<br>0°≈<br>29°≈29'32<br>0°升<br>8°升27'16<br>16°升16'09<br>16°升29'58<br>28°升04'32<br>0°°<br>1°°↑53'48       | 1.34163 AU<br>-0°56'00<br>0°55'30 |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 227 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: T                 | he year -900 in                   | astronomical cou | inting style is the year  | 901 BCE in historical cou                  |  |            |
|---------------------|--|-----------------------------------|------------------|---------------------------|--|--|------------|
| retrograde          | -477 Apr 21 j 20:58                        | 10° <b>8</b> 25'04                |                  |                           | -476 Mar 10 j 17:35                        | $0^{\circ}\mathbf{\Upsilon}$                       |            |
| evening set         | -477 Apr 24 j 08:14                        | 10° <b>8</b> 11'15                |                  | evening max el            | -476 Mar 21 j 21:03                        | 15° <b>Y</b> 42'45                                 | 20°15'28   |
| desc. node          | -477 Apr 27 j 13:45                        | 9° <b>8</b> 15'09                 |                  | retrograde                | -476 Apr 01 j 11:02                        | 20° <b>Y</b> 47'14                                 |            |
| inferior conj       | -477 May 03 j 17:52                        | 6° <b>8</b> 09'22                 |                  | evening set               | -476 Apr 03 j 14:07                        | 20° <b>Y</b> 35'48                                 |            |
| minimum elong       | -477 May 03 j 13:04                        | 6°816'08                          |                  | inferior conj             | -476 Apr 12 j 14:12                        | 16° <b>Y</b> 37'33                                 | 0°14'39    |
| min. Earth dist.    | -477 May 03 j 17:31                        | 6° <b>8</b> 09'52                 | 0.55020 AU       | minimum elong             | -476 Apr 12 j 14:52                        | 16° <b>Y</b> 36'34                                 | 0°14'25    |
| morning rise        | -477 May 12 j 18:38                        | 2° <b>8</b> 10'46                 |                  | transit middle            | -476 Apr 12 j 14:52                        | 16° <b>Υ</b> 36'34                                 | 0°14'25    |
| direct              | -477 May 15 j 19:03                        | 1° <b>8</b> 50'48                 | 21959115         | transit begin             | -476 Apr 12 j 13:10                        | 16° <b>Y</b> 39'05                                 |            |
| morning max el      | -477 May 28 j 04:32                        | 7° <b>8</b> 42′25<br>0° <b>Ⅱ</b>  | 21-38-15         | transit end<br>desc. node | -476 Apr 12 j 16:34                        | 16° <b>Υ</b> 34'03<br>16° <b>Υ</b> 07'02           |            |
| asc. node           | -477 Jun 12 j 16:48<br>-477 Jun 14 j 13:40 | 0 П<br>3°П36′25                   |                  | min. Earth dist.          | -476 Apr 13 j 10:47<br>-476 Apr 14 j 07:29 | $15^{\circ}$ <b>Y</b> $36'32$                      | 0.55331 AU |
| morning set         | -477 Jun 18 j 06:30                        | 11° <b>Ⅱ</b> 07'08                |                  | morning rise              | -476 Apr 21 j 13:51                        | $13^{\circ}$ $73032$ $12^{\circ}$ $\Upsilon 16'20$ | 0.55551 AU |
| morning set         | -4// Juli 10 j 00.50                       | 11 1107 00                        |                  | direct                    | -476 Apr 25 j 08:10                        | 11° <b>Υ</b> 45'24                                 |            |
| superior conj       | -477 Jun 25 j 13:07                        | 26° <b>Ⅱ</b> 27'46                | 1°33'26          | morning max el            | -476 May 08 j 22:34                        | 18° <b>Υ</b> 26'33                                 | 23°37'37   |
| minimum elong       | -477 Jun 25 j 10:50                        | 26° <b>Ⅱ</b> 15'46                |                  | morning man er            | -476 May 18 j 10:28                        | 0°8  | 20 07 07   |
|                     | -477 Jun 27 j 05:49                        | 0°©                               |                  | asc. node                 | -476 May 31 j 10:42                        | 23° <b>8</b> 21'08                                 |            |
| max. Earth dist.    | -477 Jun 28 j 23:57                        |                                   | 1.34662 AU       | morning set               | -476 Jun 01 j 18:01                        | 26° <b>8</b> 04'15                                 |            |
| evening rise        | -477 Jul 03 j 15:03                        | 12° <b>©</b> 48'55                |                  | C                         | -476 Jun 03 j 14:30                        | $\Pi^{\circ}0$                                     |            |
| -                   | -477 Jul 13 j 02:32                        | $0^{\circ}\Omega$                 |                  |                           | ·  |  |            |
| desc. node          | -477 Jul 24 j 13:06                        | 17° <b>Ω</b> 47'33                |                  | superior conj             | -476 Jun 08 j 19:47                        | 11° <b>Ⅱ</b> 14′23                                 | 1°18'09    |
|                     | -477 Aug 03 j 01:03                        | 0° <b>m</b> )                     |                  | minimum elong             | -476 Jun 08 j 17:16                        | 11° <b>Ⅱ</b> 00′52                                 | 1°17'47    |
| evening max el      | -477 Aug 07 j 15:33                        | 4° <b>m</b> 51'32                 | 26°58'32         | max. Earth dist.          | -476 Jun 11 j 00:18                        | 15° <b>Ⅱ</b> 54'53                                 | 1.33535 AU |
| retrograde          | -477 Aug 20 j 20:10                        | 12° <b>m</b> 10'04                |                  | evening rise              | -476 Jun 16 j 07:59                        | 26° <b>Ⅱ</b> 54'21                                 |            |
| evening set         | -477 Aug 27 j 16:12                        | 9° <b>™</b> 24'07                 |                  |                           | -476 Jun 17 j 21:28                        | $0$ $\circ$ $\odot$                                |            |
| min. Earth dist.    | -477 Aug 31 j 13:39                        | 5° <b>m</b> 31'05                 | 0.65417 AU       |                           | -476 Jul 05 j 09:49                        | $0$ $^{\circ}$ $\Omega$                            |            |
| inferior conj       | -477 Sep 02 j 11:54                        | 3° <b>m</b> 17'42                 |                  | desc. node                | -476 Jul 10 j 10:08                        | 6° <b>Ω</b> 58'54                                  |            |
| minimum elong       | -477 Sep 02 j 15:43                        | 3° Mp 06'42                       | 2°34'06          | evening max el            | -476 Jul 20 j 02:46                        | 18° <b>Ω</b> 06′10                                 | 27°23'46   |
|                     | -477 Sep 05 j 12:59                        | 30°R <b>Ω</b>                     |                  | retrograde                | -476 Aug 02 j 16:58                        | 25° <b>Ω</b> 26′24                                 |            |
| morning rise        | -477 Sep 08 j 15:50                        | 27° <b>Ω</b> 39'33                |                  | evening set               | -476 Aug 09 j 20:34                        | 22° <b>Ω</b> 44'09                                 |            |
| asc. node           | -477 Sep 10 j 12:50                        | 27°Ω01'00                         |                  | min. Earth dist.          | -476 Aug 13 j 12:23                        |  | 0.63986 AU |
| direct              | -477 Sep 11 j 11:30                        | 26° <b>Ω</b> 56'05                |                  | inferior conj             | -476 Aug 15 j 23:48                        | 16° <b>£</b> 50′13                                 |            |
|                     | -477 Sep 17 j 12:38                        | 0° m/ <sub>2</sub>                | 10017127         | minimum elong             | -476 Aug 16 j 04:24                        | 16° <b>Ω</b> 38′08                                 | 3°24'47    |
| morning max el      | -477 Sep 18 j 01:11                        | 0° Mp 30'40                       | 18°17'36         | morning rise              | -476 Aug 22 j 13:10                        | 11° <b>Ω</b> 28'09<br>10° <b>Ω</b> 53'57           |            |
| morning set         | -477 Oct 06 j 23:47<br>-477 Oct 07 j 17:04 | 28° <b>™</b> 49'14<br>0° <b>≏</b> |                  | direct<br>asc. node       | -476 Aug 25 j 03:49<br>-476 Aug 27 j 09:54 | 10° <b>δι</b> 33'37<br>11° <b>Ω</b> 19'42          |            |
| desc. node          | -477 Oct 07 j 17:04                        | 0 <b>=</b><br>20° <b>₽</b> 38'36  |                  | morning max el            | -476 Aug 31 j 16:39                        | 11 <b>δ</b> (1942) 14° <b>Ω</b> 20'23              | 17°57'06   |
| desc. node          | -4// Oct 20 j 12.23                        | 20 = 38 30                        |                  | morning max ci            | -476 Sep 11 j 14:33                        | 0° Mp  | 17 3700    |
| superior conj       | -477 Oct 21 j 19:32                        | 22° <b>₽</b> 41'52                | -0°08'31         | morning set               | -476 Sep 17 j 18:29                        | 10° <b>m</b> y 31'48                               |            |
|                     | -477 Oct 21 j 18:26                        |                                   |                  | morning sec               | -476 Sep 29 j 07:51                        | 0° <b>™</b> 21.40                                  |            |
| behind sun begin    | -477 Oct 21 j 08:49                        | 21° <b>≏</b> 59'26                |                  |                           |  | • —  |            |
| behind sun end      | -477 Oct 22 j 04:03                        | 23° <b>₽</b> 15'32                |                  | superior conj             | -476 Sep 30 j 13:02                        | 1° <b>≏</b> 59'27                                  | 0°38'00    |
| max. Earth dist.    | -477 Oct 24 j 06:56                        | 26° <b>₽</b> 36'13                | 1.44935 AU       | minimum elong             | -476 Sep 30 j 17:01                        | 2° <b>£</b> 15'41                                  | 0°37'28    |
|                     | -477 Oct 26 j 10:47                        | 0° <b>M</b> .                     |                  | max. Earth dist.          | -476 Oct 06 j 00:22                        | 10° <b>≏</b> 48'58                                 | 1.44251 AU |
| evening rise        | -477 Nov 07 j 06:19                        | 18°M28'48                         |                  | desc. node                | -476 Oct 06 j 09:27                        | 11° <b>≏</b> 25'09                                 |            |
|                     | -477 Nov 14 j 15:38                        | 0° <b>∡</b>                       |                  | evening rise              | -476 Oct 16 j 15:59                        | 27° <b>≏</b> 29'15                                 |            |
| greatest brilliancy | -477 Nov 18 j 17:31                        | 6° <b>∡</b> 17'04                 | -0.7m            |                           | -476 Oct 18 j 07:11                        | $0^{\circ}$ M.                                     |            |
| evening max el      | -477 Dec 01 j 05:21                        | 23° <b>҂</b> 17′12                | 19°28'05         |                           | -476 Nov 07 j 16:56                        | 0°⊀  |            |
| asc. node           | -477 Dec 07 j 12:04                        | 27° <b>∡</b> ¹22'49               |                  | evening max el            | -476 Nov 13 j 08:36                        | 6° <b>∡</b> ¹45'24                                 | 20°27'10   |
| retrograde          | -477 Dec 08 j 10:45                        | 27° <b>∡</b> °27′50               |                  | retrograde                | -476 Nov 21 j 08:20                        | 11° <b>₹</b> 27'56                                 |            |
| evening set         | -477 Dec 11 j 20:51                        | 26° <b>₹</b> 19'26                |                  | asc. node                 | -476 Nov 23 j 09:07                        | 11° <b>₹</b> 04'21                                 |            |
| inferior conj       | -477 Dec 17 j 10:18                        | 20° <b>∡</b> ¹24'24               | 2°56'52          | evening set               | -476 Nov 25 j 03:21                        | 10° <b>∡</b> 04'50                                 |            |
| minimum elong       | -477 Dec 17 j 07:28                        |                                   |                  | inferior conj             | -476 Nov 30 j 13:30                        | 3° <b>₹</b> 57'56                                  | 2°17'17    |
| min. Earth dist.    | -477 Dec 18 j 15:16                        | 18° <b>∡</b> 50′28                | 0.66259 AU       | minimum elong             | -476 Nov 30 j 10:53                        | 4° <b>₹</b> 06'48                                  | 2°16'23    |
| morning rise        | -477 Dec 22 j 17:49                        | 14° <b>∡</b> 12'37                |                  | min. Earth dist.          | -476 Dec 01 j 05:41                        | 3° <b>₹</b> 03′10                                  | 0.67067 AU |
| direct              | -477 Dec 28 j 23:10                        | 11° <b>×</b> <sup>7</sup> 27'32   | 25957142         |                           | -476 Dec 03 j 14:36                        | 30°RM  |            |
| morning max el      | -476 Jan 10 j 09:29                        | 18° <b>×</b> 49'06                | 25°56'42         | morning rise              | -476 Dec 05 j 18:13                        | 27°M44'28  |            |
| desc. node          | -476 Jan 16 j 11:36                        | 25° <b>メ</b> 39'19<br>0°る         |                  | direct                    | -476 Dec 11 j 09:09<br>-476 Dec 20 j 14:36 | 25°M15'46<br>0°⊀                                   |            |
|                     | -476 Jan 19 j 21:40<br>-476 Feb 08 j 16:24 | 0° <b>≈</b>                       |                  | morning max el            | -476 Dec 20 j 14:36<br>-476 Dec 22 j 17:49 | 0°×'<br>2° <b>√</b> 02'11                          | 24°35'41   |
| morning set         | -476 Feb 15 j 15:14                        | 0 ≈<br>12°≈20'37                  |                  | desc. node                | -475 Jan 02 j 08:39                        | 2 <b>x</b> ·02 11<br>14° <b>x</b> 44'36            | 47 JJ 71   |
| max. Earth dist.    | -476 Feb 19 j 12:51                        |                                   | 1.35637 AU       | desc. Hode                | -475 Jan 13 j 00:06                        | 0°る  |            |
| Zurur dist.         | .,0100 17 J 12.31                          | .,                                | 1.55 55 / 110    | morning set               | -475 Jan 27 j 18:38                        | 24° <b>පි</b> 09'51                                |            |
| superior conj       | -476 Feb 24 j 19:34                        | 0° <b>∺</b> 08'20                 | -1°20'51         |                           | -475 Jan 31 j 01:02                        | 0°≈  |            |
| minimum elong       | -476 Feb 24 j 23:07                        | 0° <b>∺</b> 26'18                 |                  | max. Earth dist.          | -475 Jan 31 j 10:47                        | 0° <b>≈</b> 44'19                                  | 1.37513 AU |
|                     | -476 Feb 24 j 17:55                        | 0° <b>)</b> €                     | -                |                           | <b>J</b>                                   | ,  |            |
| evening rise        | -476 Mar 03 j 16:52                        | 16° <b>)</b> 19′20                |                  | superior conj             | -475 Feb 07 j 04:25                        | 13° <b>≈</b> 24'50                                 | -1°42'04   |
| asc. node           | -476 Mar 04 j 11:24                        | 17° <b>¥</b> 53'46                |                  | minimum elong             | -475 Feb 07 j 08:08                        | 13° <b>≈</b> 42'51                                 |            |
|                     |  |                                   |                  | =                         |  |  |            |

| •                | omena or wercury    |                                     | •                | , , ,                     | 901 BCE in historical cou |   | ge 228     |
|------------------|---------------------|-------------------------------------|------------------|---------------------------|---------------------------|---|------------|
| evening rise     | -475 Feb 15 j 17:55 | 0° <b>∺</b> 22'10                   | astronomicai cou | minimum elong             | -474 Jan 21 j 00:54       | 1111111111111111111111111111111111111   | 1056'37    |
| evening rise     | -475 Feb 15 j 17:35 | 0 <b>X</b> 22 10 0° <b>X</b>        |                  | minimum ciong             | -474 Jan 23 j 03:22       | 20 <b>3</b> 03 18 0° <b>≈</b>           | 1 30 37    |
| 1-               | ,                   | 0 <del>X</del><br>7° <b>¥</b> 26'10 |                  |                           | •                         |   |            |
| asc. node        | -475 Feb 19 j 08:27 |                                     | 10014100         | evening rise<br>asc. node | -474 Jan 30 j 10:26       | 13°≈54'32<br>26°≈34'57                  |            |
| evening max el   | -475 Mar 04 j 14:26 | 27° <b>¥</b> 36'59<br>0° <b>Ƴ</b>   | 19°14'08         | asc. node                 | -474 Feb 06 j 05:30       |   |            |
| , 1              | -475 Mar 07 j 13:36 |                                     |                  | ·                         | -474 Feb 08 j 05:24       | 0° <del>)(</del>                        | 10022125   |
| retrograde       | -475 Mar 13 j 12:31 | 1° <b>Υ</b> 54'04                   |                  | evening max el            | -474 Feb 15 j 16:54       | 10° <b>)</b> €04'12                     | 18°32'35   |
| evening set      | -475 Mar 15 j 18:00 | 1° <b>Υ</b> 39'12                   |                  | retrograde                | -474 Feb 23 j 08:39       | 13° <b>)</b> (49′02                     |            |
|                  | -475 Mar 19 j 23:23 | 30° <b>₹</b>                        | 1050105          | evening set               | -474 Feb 25 j 18:59       | 13° <b>¥</b> 27'38<br>8° <b>¥</b> 58'21 | 2007146    |
| inferior conj    | -475 Mar 24 j 00:15 | 27° <b>)</b> (29'16                 | 1°58'05          | inferior conj             | -474 Mar 05 j 06:38       |   | 3°07'46    |
| minimum elong    | -475 Mar 24 j 04:23 |                                     | 1°56'51          | minimum elong             | -474 Mar 05 j 10:36       | 8° <b>)</b> €50'33                      | 3°06'57    |
| min. Earth dist. | -475 Mar 26 j 22:35 | 25° <b>)</b> (31'42                 | 0.56525 AU       | min. Earth dist.          | -474 Mar 08 j 16:31       | 6° <b>)</b> 18'44                       | 0.58334 AU |
| desc. node       | -475 Mar 31 j 07:49 | 23° <b>)</b> (04'34                 |                  | morning rise              | -474 Mar 12 j 23:35       | 3° <b>)</b> ₹35′28                      |            |
| morning rise     | -475 Apr 01 j 11:54 | 22°\(\)36'02                        |                  | desc. node                | -474 Mar 18 j 04:52       | 2° <b>)</b> €06'56                      |            |
| direct           | -475 Apr 06 j 08:39 | 21° <b>)</b> (41'20                 | 25015150         | direct                    | -474 Mar 18 j 22:16       | 2° <b>)</b> €05'35                      | 2 (02010 5 |
| morning max el   | -475 Apr 20 j 13:12 | 28° <b>)</b> 57′10                  | 25°15'58         | morning max el            | -474 Apr 02 j 06:27       | 9° <b>)</b> (41'41                      | 26°38'05   |
|                  | -475 Apr 21 j 14:37 | 0° <b>Υ</b>                         |                  |                           | -474 Apr 17 j 18:21       | 0°Υ                                     |            |
|                  | -475 May 11 j 18:36 | 0° <b>8</b>                         |                  | morning set               | -474 May 01 j 16:44       | 25° <b>Y</b> 58′22                      |            |
| morning set      | -475 May 17 j 06:00 | 11° <b>8</b> 03'40                  |                  | _                         | -474 May 03 j 14:21       | 0°8                                     |            |
| asc. node        | -475 May 18 j 07:46 | 13° <b>8</b> 20'08                  |                  | asc. node                 | -474 May 05 j 04:49       | 3° <b>8</b> 27'22                       |            |
|                  | 475.36 04:05.54     | 200411112                           | 0050154          |                           | 47434 00:17.22            | 110 1 10140                             | 0026125    |
| superior conj    | -475 May 24 j 05:54 |                                     | 0°58'54          | superior conj             | -474 May 08 j 17:33       | 11° <b>8</b> 10'42                      |            |
| minimum elong    | -475 May 24 j 03:40 | 25° <b>8</b> 59'02                  | 0°58'31          | minimum elong             | -474 May 08 j 16:00       | 11° <b>8</b> 02'13                      | 0°36'16    |
| max. Earth dist. | -475 May 25 j 08:28 | 28° <b>8</b> 35'53                  | 1.32796 AU       | max. Earth dist.          | -474 May 08 j 20:46       | 11° <b>8</b> 28'24                      | 1.32417 AU |
|                  | -475 May 25 j 23:58 | 0°П                                 |                  | evening rise              | -474 May 15 j 16:27       | 26° <b>8</b> 11'53                      |            |
| evening rise     | -475 May 31 j 09:26 | 11° <b>Ⅱ</b> 25'33                  |                  |                           | -474 May 17 j 12:35       | 0° <b>Π</b>                             |            |
|                  | -475 Jun 10 j 02:52 | 0°©                                 |                  |                           | -474 Jun 03 j 18:52       | 0°50                                    |            |
| desc. node       | -475 Jun 27 j 07:09 | 25°\$20'50                          |                  | desc. node                | -474 Jun 14 j 04:10       | 12° <b>©</b> 32'02                      |            |
|                  | -475 Jul 01 j 13:53 | $0$ $^{\circ}\Omega$                |                  | evening max el            | -474 Jun 14 j 13:54       | 12° <b>©</b> 55'28                      | 26°39'44   |
| evening max el   | -475 Jul 02 j 11:10 | 0° <b>Ω</b> 51'43                   | 27°18'16         | retrograde                | -474 Jun 28 j 13:32       | 20° <b>©</b> 10'53                      |            |
| retrograde       | -475 Jul 16 j 07:04 | 8° <b>Ω</b> 09'37                   |                  | evening set               | -474 Jul 05 j 06:36       | 18° <b>©</b> 15'17                      |            |
| evening set      | -475 Jul 23 j 10:52 | 5° <b>Ω</b> 44'06                   |                  | min. Earth dist.          | -474 Jul 09 j 03:16       | 15° <b>©</b> 37'06                      | 0.60218 AU |
| min. Earth dist. | -475 Jul 27 j 00:57 |                                     | 0.62224 AU       | inferior conj             | -474 Jul 12 j 10:59       | 12° <b>©</b> 54'57                      |            |
| inferior conj    | -475 Jul 30 j 00:40 | 0° <b>Ω</b> 05'45                   | -4°08'38         | minimum elong             | -474 Jul 12 j 13:22       | 12° <b>©</b> 50'04                      | 4°36'21    |
| minimum elong    | -475 Jul 30 j 05:01 | 29° <b>©</b> 55'34                  | 4°07'48          | morning rise              | -474 Jul 19 j 22:03       | 8° <b>©</b> 14'30                       |            |
|                  | -475 Jul 30 j 03:08 | 30° <b>₹</b> 5                      |                  | direct                    | -474 Jul 22 j 09:49       | 7° <b>©</b> 51'15                       |            |
| morning rise     | -475 Aug 06 j 00:31 | 25° <b>©</b> 03'07                  |                  | morning max el            | -474 Jul 29 j 19:15       | 11° <b>©</b> 27'04                      | 18°11'44   |
| direct           | -475 Aug 08 j 12:40 | 24° <b>©</b> 35'22                  |                  | asc. node                 | -474 Aug 01 j 04:02       | 14° <b>©</b> 02'28                      |            |
| asc. node        | -475 Aug 14 j 06:58 | 27° <b>©</b> 05'14                  |                  |                           | -474 Aug 11 j 03:18       | $0 {\circ} \Omega$                      |            |
| morning max el   | -475 Aug 15 j 07:39 | 28° <b>5</b> 01'43                  | 17°54'46         | morning set               | -474 Aug 14 j 17:48       | 6° <b>Ω</b> 43'43                       |            |
|                  | -475 Aug 17 j 03:08 | $0 {\circ} \Omega$                  |                  |                           |                           |   |            |
| morning set      | -475 Aug 31 j 10:23 | 23° <b>Ω</b> 15′17                  |                  | superior conj             | -474 Aug 24 j 07:47       | 24° <b>Ω</b> 31'33                      | 1°35'37    |
|                  | -475 Sep 04 j 04:32 | o° mp                               |                  | minimum elong             | -474 Aug 24 j 11:14       | 24° <b>Ω</b> 47'07                      | 1°35'22    |
|                  |                     |                                     |                  |                           | -474 Aug 27 j 09:29       | 0° <b>m</b> y                           |            |
| superior conj    | -475 Sep 11 j 09:26 | 12°M 36'53                          | 1°13'26          | max. Earth dist.          | -474 Aug 31 j 22:26       | 7° <b>№</b> 50'21                       | 1.41155 AU |
| minimum elong    | -475 Sep 11 j 14:28 | 12° Mp 58'23                        | 1°12'53          | evening rise              | -474 Sep 06 j 00:24       | 16° Mp 16′23                            |            |
| max. Earth dist. | -475 Sep 18 j 14:13 | 24° Mp 39'02                        | 1.42935 AU       | desc. node                | -474 Sep 10 j 03:32       | 22° m 53'00                             |            |
|                  | -475 Sep 21 j 21:37 | 0∘ <b>⊽</b>                         |                  |                           | -474 Sep 14 j 17:48       | 0∘ <b>ত</b>                             |            |
| desc. node       | -475 Sep 23 j 06:30 | 2° <b>₽</b> 11'05                   |                  |                           | -474 Oct 06 j 11:49       | 0°M                                     |            |
| evening rise     | -475 Sep 26 j 00:17 | 6° <b>₽</b> 30'19                   |                  | evening max el            | -474 Oct 09 j 22:01       | 3°M43'28                                | 22°56'26   |
|                  | -475 Oct 11 j 15:02 | $0^{\circ}$ M                       |                  | retrograde                | -474 Oct 19 j 23:34       | 9° <b>M</b> 41'53                       |            |
| evening max el   | -475 Oct 27 j 06:01 | 20°M13'57                           | 21°38'03         | evening set               | -474 Oct 24 j 18:23       | 7° <b>ጤ</b> 44'07                       |            |
| retrograde       | -475 Nov 05 j 05:06 | 25°M33'35                           |                  | asc. node                 | -474 Oct 28 j 03:14       | 4°M03'52                                |            |
| evening set      | -475 Nov 09 j 11:06 | 23°M53'48                           |                  | inferior conj             | -474 Oct 30 j 02:40       | 1°M23'32                                | 0°40'41    |
| asc. node        | -475 Nov 10 j 06:11 | 23°M12'37                           |                  | minimum elong             | -474 Oct 30 j 01:43       | 1° <b>M</b> 26'47                       | 0°40'16    |
| inferior conj    | -475 Nov 14 j 19:35 | 17° <b>M</b> 38'14                  | 1°31'20          | min. Earth dist.          | -474 Oct 29 j 20:51       | 1°M43'35                                | 0.67638 AU |
| minimum elong    | -475 Nov 14 j 17:38 | 17° <b>M</b> 44'59                  | 1°30'33          |                           | -474 Oct 31 j 03:03       | 30°Ŗ <b>죠</b>                           |            |
| min. Earth dist. | -475 Nov 15 j 00:19 | 17° <b>M</b> 21'52                  | 0.67519 AU       | morning rise              | -474 Nov 04 j 08:59       | 25° <b>≙</b> 13'04                      |            |
| morning rise     | -475 Nov 20 j 00:00 | 11°M25'12                           |                  | direct                    | -474 Nov 08 j 17:52       | 23° <b>≏</b> 28'26                      |            |
| direct           | -475 Nov 24 j 23:38 | 9° <b>™</b> 17'55                   |                  | morning max el            | -474 Nov 17 j 16:55       | 28° <b>≏</b> 44'44                      | 21°43'07   |
| morning max el   | -475 Dec 05 j 03:10 | 15°M19'51                           | 23°08'10         | -                         | -474 Nov 18 j 21:41       | 0°M                                     |            |
| -                | -475 Dec 17 j 02:12 | 0°⊀                                 |                  | desc. node                | -474 Dec 07 j 02:47       | 24°M27'48                               |            |
| desc. node       | -475 Dec 20 j 05:43 | 4° <b>₹</b> 23'58                   |                  |                           | -474 Dec 10 j 19:24       | 0° <b>∡</b>                             |            |
|                  | -474 Jan 06 j 00:10 | 8°0                                 |                  | morning set               | -474 Dec 19 j 16:48       | 13° <b>∡</b> ′48′19                     |            |
| morning set      | -474 Jan 08 j 20:16 | 4° <b>ප්</b> 40'36                  |                  | max. Earth dist.          | -474 Dec 26 j 06:04       | 24° <b>∡</b> ¹26'55                     | 1.41671 AU |
| max. Earth dist. | -474 Jan 13 j 06:12 | 12° <b>る</b> 10'30                  | 1.39619 AU       |                           | -474 Dec 29 j 13:30       | 8°0                                     |            |
| superior conj    | -474 Jan 20 j 22:25 | 25° <b>ප</b> 53'51                  |                  | superior conj             | -473 Jan 02 j 20:20       | 7° <b>る</b> 22'43                       | 2°00'50    |
|                  |                     |                                     |                  |                           |                           |   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 229 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom              | ical year style is used: T                 | he year -900 in                   | astronomical cou | nting style is the year        | 001 BCE in historical cou                  | inting style.                |             |
|----------------------------------|--|-----------------------------------|------------------|--------------------------------|--|------------------------------|-------------|
| minimum elong                    | -473 Jan 02 j 19:35                        | 7° <b>る</b> 19'26                 | 2°00'59          |                                | -473 Dec 03 j 18:42                        | 0°⊀                          |             |
| evening rise                     | -473 Jan 13 j 15:02                        | 26° <b>る</b> 48'51                |                  | max. Earth dist.               | -473 Dec 08 j 13:01                        | 7° <b>∡</b> ³35′25           | 1.43386 AU  |
|                                  | -473 Jan 15 j 08:39                        | 0° <b>≈</b>                       |                  |                                |  | _                            |             |
| asc. node                        | -473 Jan 24 j 02:32                        | 15° <b>≈</b> 12'40                |                  | superior conj                  | -473 Dec 14 j 16:53                        | 17° <b>∡</b> ³39'15<br>−     |             |
| evening max el                   | -473 Jan 30 j 01:35                        | 22°≈57'02                         | 18°11'05         | minimum elong                  | -473 Dec 14 j 11:24                        | 17° <b>∡</b> 16'32           | 1°49'59     |
| retrograde                       | -473 Feb 05 j 22:33                        | 26°≈25'30                         |                  |                                | -473 Dec 22 j 00:09                        | 0°る。                         |             |
| evening set                      | -473 Feb 08 j 13:26                        | 25°≈55'53                         | 20.4211.5        | evening rise                   | -473 Dec 27 j 03:27                        | 8° <b>る</b> 55'54            |             |
| inferior conj                    | -473 Feb 15 j 09:23                        | 21°≈05'33                         | 3°43'15          | 4.                             | -472 Jan 08 j 16:36                        | 0°≈                          |             |
| minimum elong                    | -473 Feb 15 j 11:14                        | 21°≈01'18                         | 3°43'04          | asc. node                      | -472 Jan 10 j 23:34                        | 3°≈09'23                     | 10000112    |
| min. Earth dist.<br>morning rise | -473 Feb 18 j 16:16                        | 18°≈06'43<br>15°≈21'44            | 0.60413 AU       | evening max el retrograde      | -472 Jan 13 j 13:32<br>-472 Jan 20 j 02:09 | 6°≈07'14<br>9°≈33'10         | 18°09'13    |
| direct                           | -473 Feb 22 j 07:12<br>-473 Feb 28 j 23:51 | 13 ≈21 44<br>13°≈14'11            |                  | evening set                    | -472 Jan 20 j 02:09                        | 9 ≈33 10<br>8°≈54'15         |             |
| desc. node                       | -473 Mar 05 j 01:55                        | 13°≈58'30                         |                  | inferior conj                  | -472 Jan 29 j 05:05                        | 3°≈43'22                     | 3°51'47     |
| morning max el                   | -473 Mar 15 j 05:44                        | 21°≈01'35                         | 27°30'35         | minimum elong                  | -472 Jan 29 j 04:43                        | 3°≈44'20                     | 3°51'46     |
| morning max cr                   | -473 Mar 23 j 00:51                        | 0° <b>\</b>                       | 27 30 33         | min. Earth dist.               | -472 Feb 01 j 00:18                        | 0°≈49'35                     | 0.62445 AU  |
|                                  | -473 Apr 10 j 15:26                        | 0° <b>Υ</b>                       |                  | mm. Earth dist.                | -472 Feb 01 j 20:37                        | 30°Rる                        | 0.02113710  |
| morning set                      | -473 Apr 16 j 00:24                        | 10° <b>Y</b> 42'00                |                  | morning rise                   | -472 Feb 04 j 11:01                        | 27° <b>♂</b> 46'48           |             |
| asc. node                        | -473 Apr 22 j 01:52                        | 23° <b>Y</b> ′38′24               |                  | direct                         | -472 Feb 11 j 11:06                        | 25° <b>ට</b> 10'11           |             |
| max. Earth dist.                 | -473 Apr 22 j 09:22                        | 24° <b>Υ</b> 19'25                | 1.32394 AU       | desc. node                     | -472 Feb 19 j 22:57                        | 28° <b>පි</b> 21'31          |             |
|                                  | ··· r J···                                 |                                   |                  |                                | -472 Feb 22 j 02:44                        | 0° <b>≈</b>                  |             |
| superior conj                    | -473 Apr 23 j 05:01                        | 26° <b>Ƴ</b> 06'54                | 0°11'58          | morning max el                 | -472 Feb 25 j 10:45                        | 3° <b>≈</b> 01'58            | 27°46'48    |
| minimum elong                    | -473 Apr 23 j 04:28                        | 26° <b>Ƴ</b> 03'56                | 0°11'51          | C                              | -472 Mar 16 j 10:54                        | 0° <b>)</b> €                |             |
| behind sun begin                 | -473 Apr 23 j 01:07                        | 25° <b>Ƴ</b> 45'32                |                  | morning set                    | -472 Mar 30 j 02:56                        | 25° <b>)</b> €07'21          |             |
| behind sun end                   | -473 Apr 23 j 07:50                        | 26° <b>Ƴ</b> 22′20                |                  | -                              | -472 Apr 01 j 11:53                        | $0^{\circ}\mathbf{\Upsilon}$ |             |
|                                  | -473 Apr 24 j 23:33                        | $9^{\circ}$ 8                     |                  | max. Earth dist.               | -472 Apr 04 j 18:20                        | 6° <b>Ƴ</b> 55'14            | 1.32747 AU  |
| evening rise                     | -473 Apr 30 j 02:46                        | 11° <b>8</b> 05'39                |                  |                                |  |                              |             |
|                                  | -473 May 09 j 19:25                        | $\Pi^{\circ}0$                    |                  | superior conj                  | -472 Apr 06 j 14:39                        | 10° <b>Ƴ</b> 54'12           | -0°14'10    |
| evening max el                   | -473 May 27 j 09:42                        | 24° <b>Ⅱ</b> 13'57                | 25°31'10         | minimum elong                  | -472 Apr 06 j 15:19                        | 10° <b>Ƴ</b> 57'49           | 0°14'02     |
| desc. node                       | -473 Jun 01 j 01:10                        | 28° <b>Ⅱ</b> 03'46                |                  | behind sun begin               | -472 Apr 06 j 12:53                        | 10° <b>Ƴ</b> 44'38           |             |
|                                  | -473 Jun 04 j 10:03                        | 0°න                               |                  | behind sun end                 | -472 Apr 06 j 17:45                        | 11° <b>Y</b> 11'00           |             |
| retrograde                       | -473 Jun 10 j 10:54                        | 1° <b>5</b> 25'04                 |                  | asc. node                      | -472 Apr 07 j 22:54                        | 13° <b>Ƴ</b> 49'12           |             |
| evening set                      | -473 Jun 16 j 03:58                        | 0°ഇ08'07                          |                  | evening rise                   | -472 Apr 13 j 14:30                        | 26° <b>Y</b> 00′15           |             |
|                                  | -473 Jun 16 j 11:13                        | 30°RⅡ                             |                  |                                | -472 Apr 15 j 12:25                        | 0°8                          |             |
| min. Earth dist.                 | -473 Jun 20 j 21:45                        |                                   | 0.58174 AU       |                                | -472 May 03 j 11:27                        | 0°II                         |             |
| inferior conj                    | -473 Jun 24 j 03:12                        | 25° <b>Ⅱ</b> 08'18                |                  | evening max el                 | -472 May 08 j 00:52                        | 4° <b>∏</b> 59'04            | 24°02'17    |
| minimum elong                    | -473 Jun 24 j 01:38                        | 25° <b>I</b> 11'05                | 4°39'44          | desc. node                     | -472 May 17 j 22:10                        | 11° <b>Ⅱ</b> 20′28           |             |
| morning rise                     | -473 Jul 02 j 01:56                        | 20° <b>I</b> I50'12               |                  | retrograde                     | -472 May 21 j 20:39                        | 11° <b>II</b> 55'49          |             |
| direct                           | -473 Jul 04 j 14:42                        | 20° <b>II</b> 30'13               | 10040150         | evening set                    | -472 May 26 j 03:53                        | 11° <b>Ⅱ</b> 14'44           | 0.56412.411 |
| morning max el                   | -473 Jul 13 j 00:25<br>-473 Jul 17 j 17:11 | 24° <b>Ⅱ</b> 27'35<br>0° <b>©</b> | 18-48-59         | min. Earth dist.               | -472 Jun 01 j 12:06<br>-472 Jun 03 j 23:20 | 6° <b>П</b> 39'26            | 0.56412 AU  |
| asc. node                        | -473 Jul 17 j 17.11                        | 1° <b>9</b> 56'22                 |                  | inferior conj<br>minimum elong | -472 Jun 03 j 23.20                        | 6° <b>П</b> 48'39            |             |
| morning set                      | -473 Jul 29 j 12:17                        | 20°945'10                         |                  | morning rise                   | -472 Jun 12 j 09:49                        | 2° <b>I</b> I38'53           | 4 04 32     |
| morning set                      | -473 Aug 03 j 05:35                        | 20 <b>3</b> 43 10                 |                  | direct                         | -472 Jun 15 j 00:36                        | 2° <b>I</b> I21'00           |             |
|                                  | 475 Mag 05 J 05.55                         | 0 00                              |                  | morning max el                 | -472 Jun 24 j 20:21                        | 6° <b>I</b> I54'03           | 19°47'09    |
| superior conj                    | -473 Aug 07 j 02:36                        | 7° <b>Ω</b> 27'49                 | 1°45'58          | asc. node                      | -472 Jul 04 j 22:09                        | 20° <b>I</b> I34'08          | 17 17 07    |
| minimum elong                    | -473 Aug 07 j 03:50                        | 7° <b>Ω</b> 33'38                 |                  |                                | -472 Jul 09 j 23:56                        | 0ಂತಿ                         |             |
| max. Earth dist.                 | -473 Aug 14 j 01:44                        | 20° <b>Ω</b> 16'36                | 1.39158 AU       | morning set                    | -472 Jul 12 j 14:34                        | 5° <b>©</b> 11'37            |             |
| evening rise                     | -473 Aug 18 j 00:58                        | 27° <b>Ω</b> 11'38                |                  | C                              | ,  |                              |             |
| •                                | -473 Aug 19 j 16:43                        | 0° <b>m</b> )                     |                  | superior conj                  | -472 Jul 20 j 12:31                        | 21°510'40                    | 1°46'45     |
| desc. node                       | -473 Aug 28 j 00:32                        | 13° <b>m</b> 26'38                |                  | minimum elong                  | -472 Jul 20 j 11:52                        | 21° <b>5</b> 07'24           | 1°46'44     |
|                                  | -473 Sep 08 j 07:14                        | 0∘ <b>亚</b>                       |                  |                                | -472 Jul 25 j 01:16                        | $0^{\circ}\Omega$            |             |
| evening max el                   | -473 Sep 22 j 10:29                        | 17° <b>≏</b> 15'32                | 24°16'32         | max. Earth dist.               | -472 Jul 26 j 05:17                        | 2° <b>Ω</b> 12′29            | 1.37206 AU  |
| retrograde                       | -473 Oct 03 j 14:32                        | 23° <b>≏</b> 48'42                |                  | evening rise                   | -472 Jul 30 j 01:37                        | 9° <b>Ω</b> 17'07            |             |
| evening set                      | -473 Oct 08 j 23:29                        | 21° <b>≏</b> 33'01                |                  |                                | -472 Aug 11 j 10:16                        | 0° <b>m</b> p                |             |
| min. Earth dist.                 | -473 Oct 13 j 16:50                        | 16° <b>≙</b> 05'44                | 0.67443 AU       | desc. node                     | -472 Aug 13 j 21:32                        | 3° <b>™</b> 47'37            |             |
| inferior conj                    | -473 Oct 14 j 08:59                        | 15° <b>≙</b> 11'18                |                  |                                | -472 Sep 03 j 01:09                        | 0∘ <b>⊽</b>                  |             |
| minimum elong                    | -473 Oct 14 j 09:18                        | 15° <b>≙</b> 10'14                |                  | evening max el                 | -472 Sep 03 j 21:57                        | 0° <b>£</b> 51′50            | 25°31'04    |
| transit middle                   | -473 Oct 14 j 09:18                        | 15° <b>≙</b> 10'14                | 0°13'05          | retrograde                     | -472 Sep 16 j 01:02                        | 7° <b>♀</b> 50'22            |             |
| transit begin                    | -473 Oct 14 j 07:41                        | 15° <b>≙</b> 15'43                |                  | evening set                    | -472 Sep 22 j 00:40                        | 5° <b>£</b> 18'48            | 0.66024 :== |
| transit end                      | -473 Oct 14 j 10:56                        | 15° <b>2</b> 04'45                |                  | min. Earth dist.               | -472 Sep 26 j 09:54                        | 0° <b>£</b> 26'58            | 0.66934 AU  |
| asc. node                        | -473 Oct 15 j 00:17                        | 14° <b>£</b> 19'59                |                  |                                | -472 Sep 26 j 18:18                        | 30°R Mp                      | 1000115     |
| morning rise                     | -473 Oct 19 j 19:09                        | 9° <b>Ω</b> 05'57                 |                  | inferior conj                  | -472 Sep 27 j 12:51                        | 29° Mp 00'05                 |             |
| direct                           | -473 Oct 23 j 14:51                        | 7° <b>Ω</b> 42'29                 | 20027105         | minimum elong                  | -472 Sep 27 j 14:35                        | 28° Mp 54'32                 | 1~08'02     |
| morning max el                   | -473 Oct 31 j 13:32                        | 12° <b>Ω</b> 18'39                | 20°27'05         | asc. node                      | -472 Sep 30 j 21:20                        | 24° Mp 59'45                 |             |
| daga rada                        | -473 Nov 14 j 02:37                        | 0°M,                              |                  | morning rise                   | -472 Oct 03 j 04:39                        | 23° Mp 02'40                 |             |
| desc. node<br>morning set        | -473 Nov 23 j 23:48<br>-473 Nov 28 j 15:55 | 14°M48'35<br>21°M59'59            |                  | direct<br>morning max el       | -472 Oct 06 j 13:14<br>-472 Oct 13 j 17:42 | 21° Mp 57'26<br>26° Mp 02'08 | 19°24'19    |
| morning set                      | 713 110V 20 J 13.33                        | 41 IIGJ7 J9                       |                  | morning max ci                 | 7/2 OCC 13 J 1/.42                         | 20 hy 02 08                  | 17 44 17    |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -472 Oct 17 i 04:40 0∘**⊽** desc. node -471 Oct 27 j 17:53 26°**♀**02'37 -472 Nov 06 j 10:12 0°M -471 Oct 30 j 06:06  $0^{\circ}$ M -472 Nov 06 j 16:24 0°M24'06 morning set -471 Nov 02 j 12:17 -472 Nov 09 j 20:50 5°M21'34 5°ML07'37 -0°37'07 desc. node superior conj -472 Nov 20 j 02:45 -471 Nov 02 j 07:26 max. Earth dist.  $21^{\circ}\textrm{ML}25'54$ 1.44548 AU minimum elong 4°M48'35 0°36'29 max. Earth dist. -471 Nov 02 j 20:59 5°**M**41'51 1.45011 AU superior conj -472 Nov 23 j 10:56 26°M44'14 -1°21'30 evening rise -471 Nov 18 j 11:43 0°**х** 21′24 minimum elong -472 Nov 23 j 02:45 26°M11'38 1°20'39 -471 Nov 18 j 06:20 0°×7 -472 Nov 25 j 11:54 0°**∡**¹ greatest brilliancy -471 Nov 26 j 18:44 13°**∡**³32'47 -0.8m evening rise -472 Dec 07 j 19:23 20°**₹**'08'04 -471 Dec 07 j 23:33 0°ರ -472 Dec 13 j 17:31 0°궁 evening max el -471 Dec 10 j 12:20 2°**る**53'50 19°00'48 -472 Dec 27 j 01:57 evening max el 19°**る**27'52 18°26'10 asc. node -471 Dec 14 j 17:38 6°**る**09'53 -472 Dec 27 j 20:36 asc. node 20°**ප**13'11 retrograde -471 Dec 17 j 09:42 6°**る**48'56 retrograde -471 Jan 02 j 15:04 23°る03'15 evening set -471 Dec 20 j 15:43 5°る47'48 inferior conj evening set -471 Jan 05 j 15:06 22°る13'53 -471 Dec 26 j 07:52 0°**る**00'58 3°15'59 inferior conj -471 Jan 11 j 13:45 16°**⋜**43'54 3°40'50 minimum elong -471 Dec 26 j 05:09 0°る09'27 3°15'23 minimum elong -471 Jan 11 j 11:50 16°る49'29 3°40'35 -471 Dec 26 j 08:11 30°R.✓ min. Earth dist. -471 Jan 13 j 17:52 14°る13'54 0.64218 AU min. Earth dist. -471 Dec 27 j 20:49 28°**₹**05'26 0.65623 AU morning rise -471 Jan 17 j 08:01 10°る39'29 morning rise -471 Dec 31 j 18:20 23°**х** 51′24 21°**₹**01'02 direct -471 Jan 24 j 05:50 7°る48'37 direct -470 Jan 07 j 06:57 desc. node -471 Feb 05 j 20:00 14°る40'01 morning max el -470 Jan 20 j 04:56 28°**₹**35'32 26°36'34 morning max el -471 Feb 06 i 19:16 15°る36'46 27°27'00 -470 Jan 21 j 13:40 0°정 -471 Feb 18 i 15:44 0°≈ desc. node -470 Jan 23 j 17:03 2°る21'30 -471 Mar 09 i 03:24 0°**)**€ -470 Feb 12 i 10:28 0°≈ -471 Mar 13 j 21:38 9°**)**605'09 morning set -470 Feb 25 j 05:02 22°≈24'41 morning set -471 Mar 18 j 19:51 19°**)** €03'31 1.33519 AU -470 Mar 01 j 03:02 0°**₩** max. Earth dist. -470 Mar 01 j 10:46 max Earth dist 0°**)** 38'23 1.34736 AU -471 Mar 21 j 20:35 25°\ 25'50 -0°40'50 superior conj -471 Mar 21 j 22:32 25°**)** 36'10 0°40'27 -470 Mar 05 j 20:38 9°\ 35'01 -1°06'49 superior conj minimum elong  $0^{\circ}\Upsilon$ 9°**¥**50'58 1°06'18 -471 Mar 23 j 23:59 -470 Mar 05 j 23:43 minimum elong 3°Y55'16 -471 Mar 25 j 19:55 -470 Mar 12 j 16:58 23°**H** 52'27 asc. node asc. node -471 Mar 29 j 01:49 10°**Y**48'52 -470 Mar 13 j 10:52 25°**H**25'17 evening rise evening rise -470 Mar 15 j 16:37  $0^{\circ}\Upsilon$ -471 Apr 08 j 01:20 0°8 -471 Apr 19 j 17:11 15°**8**35'22 22°27'05 -470 Apr 01 j 17:07 26° Y 31'14 20° 59'09 evening max el evening max el -471 May 02 j 17:19 21°**8**59'26 -470 Apr 06 j 03:58 retrograde  $0^{\circ}$ 8 -471 May 04 j 19:12 -470 Apr 13 j 06:36 2°**8**06'37 desc. node 21°**8**49'51 retrograde -471 May 05 j 16:58 -470 Apr 15 j 12:51 evening set 21°**8**39'52 evening set 1°**8**54'36 min. Earth dist. -471 May 14 j 00:56 18°**8**04'08 0.55283 AU -470 Apr 21 j 00:20 30°RY -471 May 15 j 01:39 17°829'06 -2°47'04 desc. node -470 Apr 21 j 16:12 29°**Y**40′05 inferior conj -471 May 14 j 18:50 17°**8**38'45 2°45'03 inferior conj -470 Apr 24 j 19:57 27°Y56'17 -0°54'04 minimum elong -471 May 23 j 22:35 13°**8**34'50 minimum elong -470 Apr 24 j 17:23 27°Υ59'55 0°53'09 morning rise -471 May 26 j 17:58 13°**8**16'47 min. Earth dist. -470 Apr 25 j 13:55 27°**Υ**30'48 0.55040 AU direct -471 Jun 07 j 05:10 18°**8**37'45 21°05'29 -470 May 03 j 21:39 23°Y50'31 morning max el morning rise -471 Jun 16 j 05:19  $\mathbb{I}^{\circ 0}$ -470 May 07 j 04:31 23°Y27'11 direct -471 Jun 21 j 19:12 9°**Ⅱ**44'14 -470 May 20 j 03:37 29°Y40'15 22°39'43 asc. node morning max el 19°**Ⅱ**54'54 -470 May 20 j 11:57 morning set -471 Jun 26 i 22:01 0°8 -470 Jun 08 i 16:15 -471 Jul 01 j 18:13 0ಂತಾ asc. node 29°818'33 -470 Jun 09 i 00:28  $0^{\circ}II$ -471 Jul 04 i 09:00 morning set superior conj 5°525'58 1°40'02 -470 Jun 11 j 08:36 4°**Ⅱ**48'57 minimum elong -471 Jul 04 i 07:07 5°916'16 1°39'54 -471 Jul 08 i 15:08 14°503'15 1.35497 AU -470 Jun 18 i 12:44 20°II03'45 1°27'30 max Earth dist superior conj -471 Jul 12 j 21:39 22°919'36 minimum elong -470 Jun 18 i 10:17 19°**I**I50'45 1°27'13 evening rise -471 Jul 17 j 01:53  $0^{\circ}\Omega$ max. Earth dist. -470 Jun 21 j 10:20 26°**Ⅲ**09'24 1.34142 AU -470 Jun 23 j 07:08 desc. node -471 Jul 31 j 18:33 23°**Ω**48'53 000 -470 Jun 26 j 08:10 -471 Aug 05 j 04:01 0° m evening rise 6°9505'33 evening max el -471 Aug 17 j 09:47 14° Mp 27'36 26°32'17 -470 Jul 09 j 17:10 0° $\Omega$ 13°**Ω**21'48 -471 Aug 30 j 06:28 21° m/40'41 desc. node -470 Jul 18 j 15:34 retrograde -471 Sep 05 j 19:52 -470 Jul 30 j 21:34 27°**Ω**53'08 27°12'34 evening set 18° m 57'56 evening max el -471 Sep 09 j 21:31 0.66082 AU -470 Aug 02 j 05:47 min. Earth dist. 14° Mp 43'23 0° m -471 Sep 11 j 12:20 inferior conj 12° m 46'10 -2°04'18 retrograde -470 Aug 13 j 06:24 5° m 12'23 -471 Sep 11 j 15:27 minimum elong 12° m 36'45 2°03'06 evening set -470 Aug 20 j 06:33 2° m 26'28 morning rise -471 Sep 17 j 11:24 7° m 00'00 -470 Aug 22 j 22:29 30°R€ asc. node -471 Sep 17 j 18:23  $6^{\circ}$  Mp 50'42min. Earth dist. -470 Aug 24 j 01:22 28°**Ω**48'57 0.64862 AU direct -471 Sep 20 j 11:12 6° Mp 09'28 inferior conj -470 Aug 26 j 05:12 26°**\O**25'16 -2°57'35 morning max el -471 Sep 27 j 04:11 9° m/52'12 18°37'08 minimum elong -470 Aug 26 j 09:26 26°**Ω**13'30 2°56'13 -471 Oct 11 j 09:28 0∘**⊽** -470 Sep 01 j 13:01 20°**£**53′39 morning rise -471 Oct 17 j 15:36 9°**£**59'52 -470 Sep 04 j 06:21 20°**Ω**14'25 morning set direct

| 2                   | ,                   |                              |                 | //               | 901 BCE in historical cou | , ,                            | 50 231                                  |
|---------------------|---------------------|------------------------------|-----------------|------------------|---------------------------|--------------------------------|---|
| asc. node           | -470 Sep 04 j 15:27 | 20° <b>Ω</b> 15'12           | ustronomiuu vou | direct           | -469 Aug 18 j 19:51       | 4° <b>Ω</b> 06'49              |   |
| morning max el      | -470 Sep 10 j 18:40 | 23° <b>Ω</b> 44'08           | 18°06'43        | asc. node        | -469 Aug 22 j 12:32       | 5° <b>Ω</b> 12'54              |   |
| morning max er      | -470 Sep 15 j 19:24 | 0° m                         | 10 00 43        | morning max el   | -469 Aug 25 j 10:24       | 7° <b>Ω</b> 32'02              | 17°53'52                                |
| morning set         | -470 Sep 28 j 19:23 | 20° <b>m</b> 59'43           |                 | morning max cr   | -469 Sep 09 j 04:23       | 0° m                           | 17 33 32                                |
| morning set         | -470 Oct 04 j 05:33 | 0° <b>౮</b>                  |                 | morning set      | -469 Sep 10 j 23:53       | 3° Mp 10'43                    |   |
|                     | -470 001 04 1 03.33 | ٠ <u> </u>                   |                 | morning set      | -407 Sep 10 j 25.55       | 5 III 10 T5                    |   |
| superior conj       | -470 Oct 12 j 18:11 | 13° <b>≏</b> 49'51           | 0°12'15         | superior conj    | -469 Sep 22 j 22:48       | 23° <b>m</b> 41'21             | 0°54'37                                 |
| minimum elong       | -470 Oct 12 j 19:40 | 13° <b>Ω</b> 55'49           |                 | minimum elong    | -469 Sep 23 j 03:41       | 24° m 01'40                    | 0°54'01                                 |
| behind sun begin    | -470 Oct 12 j 12:23 | 13° <b>⊆</b> 26'43           | 0 12 01         | minimum crong    | -469 Sep 26 j 18:49       | 0° <b>ರ</b>                    | 0 2101                                  |
| behind sun end      | -470 Oct 13 j 02:57 | 14° <b>£</b> 24'53           |                 | max. Earth dist. | -469 Sep 29 j 07:59       | 4° <b>≏</b> 07'25              | 1.43756 AU                              |
| desc. node          | -470 Oct 14 j 14:55 | 16° <b>£</b> 48'09           |                 | desc. node       | -469 Oct 01 j 11:58       | 7° <b>£</b> 35'15              | 1.13750110                              |
| max. Earth dist.    | -470 Oct 16 j 15:54 |                              | 1.44732 AU      | evening rise     | -469 Oct 08 j 12:50       | 18° <b>≏</b> 37'04             |   |
| man. Darut dist.    | -470 Oct 23 j 00:13 | 0°M                          | 1.11/02110      | evening rise     | -469 Oct 15 j 23:51       | 0°M                            |   |
| evening rise        | -470 Oct 29 j 06:00 | 9° <b>M</b> 41'50            |                 |                  | -469 Nov 06 j 23:21       | 0° <b>∡</b> 7                  |   |
| greatest brilliancy | -470 Nov 11 j 12:24 | 29°M59'26                    | -0.7m           | evening max el   | -469 Nov 06 j 19:13       | 29° <b>M</b> 49'27             | 20°56'01                                |
| 8                   | -470 Nov 11 j 12:33 | 0° <b>∡</b> 7                |                 | retrograde       | -469 Nov 15 j 04:33       | 4° <b>×</b> <sup>7</sup> 47'52 |   |
| evening max el      | -470 Nov 23 j 18:31 |                              | 19°51'33        | asc. node        | -469 Nov 18 j 11:44       | 3° <b>х</b> 46'07              |   |
| retrograde          | -470 Dec 01 j 06:58 | 20° <b>х</b> 44'46           |                 | evening set      | -469 Nov 19 j 03:55       | 3° <b>҂</b> 17'58              |   |
| asc. node           | -470 Dec 01 j 14:42 | 20° <b>х</b> 44'10           |                 | evening see      | -469 Nov 22 j 08:57       | 30°RM                          |   |
| evening set         | -470 Dec 04 j 20:39 | 19° <b>∡</b> ³30'11          |                 | inferior conj    | -469 Nov 24 j 13:09       | 27°ML06'43                     | 1°58'29                                 |
| inferior conj       | -470 Dec 10 j 08:27 | 13° <b>∡</b> ¹29'27          | 2°40'59         | minimum elong    | -469 Nov 24 j 10:46       | 27°M14'53                      | 1°57'36                                 |
| minimum elong       | -470 Dec 10 j 05:39 | 13° <b>×</b> 38'46           | 2°40'08         | min. Earth dist. | -469 Nov 25 j 00:19       | 26°M28'28                      | 0.67299 AU                              |
| min. Earth dist.    | -470 Dec 11 j 07:41 | 12° <b>≯</b> 12'28           | 0.66644 AU      | morning rise     | -469 Nov 29 j 17:26       | 20°M52'55                      | *************************************** |
| morning rise        | -470 Dec 15 j 14:27 | 7° <b>∡</b> 16'44            |                 | direct           | -469 Dec 05 j 01:46       | 18°MJ33'03                     |   |
| direct              | -470 Dec 21 j 13:45 | 4° <b>≯</b> 38'04            |                 | morning max el   | -469 Dec 15 j 22:32       | 25°ML01'57                     | 23°58'37                                |
| morning max el      | -469 Jan 02 j 13:59 | 11° <b>∡</b> ′46′12          | 25°23'47        |                  | -469 Dec 20 j 10:23       | 0° <b>%</b>                    |   |
| desc. node          | -469 Jan 10 j 14:06 | 21° <b>×</b> 701'10          | 20 20 17        | desc. node       | -469 Dec 28 j 11:11       | 10° <b>≯</b> 22'33             |   |
|                     | -469 Jan 17 j 05:29 | 0°ರ                          |                 |                  | -468 Jan 10 j 17:42       | 0°ಕ                            |   |
|                     | -469 Feb 05 j 02:58 | 0° <b>≈</b>                  |                 | morning set      | -468 Jan 20 j 13:27       | 16° <b>පි</b> 08'48            |   |
| morning set         | -469 Feb 07 j 20:18 | 4° <b>≈</b> 51'11            |                 | max. Earth dist. | -468 Jan 24 j 09:39       | 22° <b>る</b> 52'01             | 1.38395 AU                              |
| max. Earth dist.    | -469 Feb 11 j 14:04 | 11° <b>≈</b> 45′26           | 1.36392 AU      |                  | -468 Jan 28 j 08:02       | 0° <b>≈</b>                    |   |
|                     | ,                   |                              |                 |                  | J                         |                                |   |
| superior conj       | -469 Feb 17 j 11:57 | 23° <b>≈</b> 12'41           | -1°30'28        | superior conj    | -468 Jan 31 j 14:59       | 6°≈09'50                       | -1°49'19                                |
| minimum elong       | -469 Feb 17 j 15:42 | 23° <b>≈</b> 31'21           | 1°29'58         | minimum elong    | -468 Jan 31 j 18:24       | 6° <b>≈</b> 26'02              | 1°49'02                                 |
|                     | -469 Feb 20 j 21:00 | 0° <b>∀</b>                  |                 | evening rise     | -468 Feb 09 j 13:16       | 23° <b>≈</b> 32'12             |   |
| evening rise        | -469 Feb 25 j 15:30 | 9° <b>)</b> 41′54            |                 | -                | -468 Feb 12 j 21:14       | 0° <b>ℋ</b>                    |   |
| asc. node           | -469 Feb 27 j 14:01 | 13° <b>)</b> €35'13          |                 | asc. node        | -468 Feb 14 j 11:03       | 2° <b>升</b> 58′10              |   |
|                     | -469 Mar 08 j 17:33 | $0^{\circ}\mathbf{\Upsilon}$ |                 | evening max el   | -468 Feb 26 j 01:31       | 20° <b>ℋ</b> 10'56             | 18°54'00                                |
| evening max el      | -469 Mar 15 j 04:01 | 8° <b>Ƴ</b> 02′22            | 19°46'58        | retrograde       | -468 Mar 05 j 09:30       | 24° <b>) (</b> 12′24           |   |
| retrograde          | -469 Mar 25 j 00:33 | 12° <b>Ƴ</b> 45'49           |                 | evening set      | -468 Mar 07 j 16:49       | 23° <b>¥</b> 55'11             |   |
| evening set         | -469 Mar 27 j 03:47 | 12° <b>Ƴ</b> 33'30           |                 | inferior conj    | -468 Mar 15 j 15:00       | 19° <b>) (</b> 37′48           | 2°32'08                                 |
| inferior conj       | -469 Apr 04 j 20:43 | 8° <b>Ƴ</b> 31'17            | 1°01'59         | minimum elong    | -468 Mar 15 j 19:26       | 19° <b>¥</b> 29'48             | 2°30'57                                 |
| minimum elong       | -469 Apr 04 j 23:18 | 8° <b>Ƴ</b> 27'15            | 1°01'06         | min. Earth dist. | -468 Mar 18 j 20:30       | 17° <b>)</b> 19'34             | 0.57234 AU                              |
| min. Earth dist.    | -469 Apr 07 j 04:10 | 7° <b>Ƴ</b> 05'19            | 0.55740 AU      | morning rise     | -468 Mar 23 j 19:02       | 14° <b>)</b> 30′38             |   |
| desc. node          | -469 Apr 08 j 13:15 | 6° <b>Ƴ</b> 16'25            |                 | desc. node       | -468 Mar 25 j 10:18       | 13° <b>¥</b> 55'16             |   |
| morning rise        | -469 Apr 13 j 16:28 | 3° <b>Y</b> 56'50            |                 | direct           | -468 Mar 29 j 03:21       | 13° <b>)</b> 21′49             |   |
| direct              | -469 Apr 17 j 21:07 | 3° <b>Ƴ</b> 17'45            |                 | morning max el   | -468 Apr 12 j 10:45       | 20° <b>)</b> 48′46             | 25°53'51                                |
| morning max el      | -469 May 01 j 19:35 | 10° <b>Ƴ</b> 15'35           | 24°20'33        |                  | -468 Apr 20 j 09:03       | $0$ ° $\mathbf{\Upsilon}$      |   |
|                     | -469 May 16 j 13:20 | $9^{\circ}$ 8                |                 |                  | -468 May 08 j 00:56       | $9^{\circ}$ 8                  |   |
| morning set         | -469 May 26 j 20:32 | 19° <b>8</b> 47'57           |                 | morning set      | -468 May 10 j 08:08       | 4° <b>8</b> 45'47              |   |
| asc. node           | -469 May 26 j 13:19 | 19° <b>8</b> 10'06           |                 | asc. node        | -468 May 12 j 10:22       | 9° <b>8</b> 13'01              |   |
|                     | -469 May 31 j 14:36 | $\Pi^{\circ}0$               |                 |                  |                           |                                |   |
| _                   |                     |                              |                 | superior conj    | -468 May 17 j 08:05       | 19° <b>8</b> 54'25             | 0°49'46                                 |
| superior conj       | -469 Jun 02 j 21:08 | 4° <b>∏</b> 55'44            | 1°10'25         | minimum elong    | -468 May 17 j 06:06       | 19° <b>8</b> 43'33             | 0°49'24                                 |
| minimum elong       | -469 Jun 02 j 18:41 | 4° <b>Ⅱ</b> 42′28            | 1°10'02         | max. Earth dist. | -468 May 18 j 00:25       | 21° <b>8</b> 23'47             | 1.32581 AU                              |
| max. Earth dist.    | -469 Jun 04 j 14:18 | 8° <b>Ⅲ</b> 37'43            | 1.33171 AU      |                  | -468 May 21 j 23:50       | 0°II                           |   |
| evening rise        | -469 Jun 10 j 05:05 | 20° <b>Ⅱ</b> 22'59           |                 | evening rise     | -468 May 24 j 09:09       | 5° <b>Ⅱ</b> 01'25              |   |
|                     | -469 Jun 15 j 02:58 | 0°©                          |                 |                  | -468 Jun 06 j 18:57       | 0.ee                           |   |
|                     | -469 Jul 03 j 18:57 | 0°N                          |                 | desc. node       | -468 Jun 21 j 09:36       | 20°509'39                      | 0.000.000                               |
| desc. node          | -469 Jul 05 j 12:35 | 2° <b>Ω</b> 14'31            | 0.000.00        | evening max el   | -468 Jun 24 j 13:51       | 23° <b>©</b> 25'16             | 27°05'59                                |
| evening max el      | -469 Jul 13 j 07:41 |                              | 27°25'19        |                  | -468 Jul 04 j 09:44       | 0°N                            |   |
| retrograde          | -469 Jul 27 j 00:36 | 18° <b>Ω</b> 16'33           |                 | retrograde       | -468 Jul 08 j 11:59       | 0° <b>Ω</b> 42'59              |   |
| evening set         | -469 Aug 03 j 05:31 | 15° <b>Ω</b> 39'20           | 0.62074 : **    |                  | -468 Jul 12 j 11:10       | 30°R©                          |   |
| min. Earth dist.    | -469 Aug 06 j 19:45 | 12° <b>Ω</b> 34'07           | 0.63274 AU      | evening set      | -468 Jul 15 j 12:33       | 28°528'38                      | 0.61202 : **                            |
| inferior conj       | -469 Aug 09 j 12:49 | 9° <b>£</b> 51'41            |                 | min. Earth dist. | -468 Jul 19 j 03:58       | 25°544'53                      |   |
| minimum elong       | -469 Aug 09 j 17:29 | 9° <b>Ω</b> 40'01            | 3~44'18         | inferior conj    | -468 Jul 22 j 07:57       | 22°957'20                      |   |
| morning rise        | -469 Aug 16 j 06:35 | 4° <b>Ω</b> 37'53            |                 | minimum elong    | -468 Jul 22 j 11:43       | 22°548'59                      | 4~22'16                                 |

| •                                | anl year style is used: The                |                             | •                 | * *                        |   |   | ge 232             |
|----------------------------------|--|-----------------------------|-------------------|----------------------------|---|---|--------------------|
| morning rise                     | -468 Jul 29 j 12:31                        | 18°503'58                   | astronomical coun | morning rise               | 01 BCE in historical cou<br>-467 Jul 12 j 02:57 | 1° <b>5</b> 01'57                       |                    |
| •                                |  |                             |                   | =                          |   |   |                    |
| direct                           | -468 Aug 01 j 00:05                        | 17°938'30                   | 17950122          | direct                     | -467 Jul 14 j 14:59<br>-467 Jul 22 j 09:32      | 0°940'12                                | 10024157           |
| morning max el asc. node         | -468 Aug 08 j 00:22                        | 21°907'57                   | 17°59'32          | morning max el             |   | 4°923'53                                | 18°24'57           |
| asc. node                        | -468 Aug 08 j 09:36                        | 21° <b>©</b> 30'55          |                   | asc. node                  | -467 Jul 26 j 06:39                             | 8°954'08                                |                    |
|                                  | -468 Aug 14 j 17:42                        | 0°Ω<br>16°Ω14!50            |                   | morning set                | -467 Aug 07 j 11:39                             | 29°559'08                               |                    |
| morning set                      | -468 Aug 23 j 23:01                        | 16° <b>Ω</b> 14'59          |                   |                            | -467 Aug 07 j 11:50                             | $0$ $\circ$ $\Omega$                    |                    |
|                                  | -468 Aug 31 j 12:26                        | 0° <b>m</b> )               |                   |                            | 467 A 16: 14:21                                 | 170 0 15157                             | 1941120            |
|                                  | 460 C 02 : 06.45                           | 40 m, 52112                 | 1924125           | superior conj              | -467 Aug 16 j 14:31                             | 17° <b>Ω</b> 15'57                      | 1°41'20<br>1°41'11 |
| superior conj                    | -468 Sep 03 j 06:45                        | 4° Mp 53'12                 |                   | minimum elong              | -467 Aug 16 j 17:01                             | 17° <b>Ω</b> 27'31                      | 1 41 11            |
| minimum elong                    | -468 Sep 03 j 11:18                        |                             | 1°23'58           |                            | -467 Aug 23 j 17:17                             | 0°M)<br>0°™22152                        | 1 40226 ATT        |
| max. Earth dist.                 | -468 Sep 10 j 18:59                        | 17° Mp 40'34                | 1.42220 AU        | max. Earth dist.           | -467 Aug 24 j 00:53                             | 0° Mp 32'52                             | 1.40326 AU         |
| evening rise<br>desc. node       | -468 Sep 17 j 02:05                        | 27° TD 52'39                |                   | evening rise<br>desc. node | -467 Aug 28 j 12:16                             | 8° Mp 07'24                             |                    |
| desc. node                       | -468 Sep 17 j 08:59                        | 28° Mp 20'00<br>0° <u>₽</u> |                   | desc. node                 | -467 Sep 04 j 05:58                             | 18° <b>m</b> 58'58                      |                    |
|                                  | -468 Sep 18 j 10:19                        | 0° <b>™</b>                 |                   |                            | -467 Sep 11 j 11:55<br>-467 Oct 02 j 04:34      | 0° <b>ჲ</b><br>26° <b>ჲ</b> 49'19       | 22920142           |
| avanina may al                   | -468 Oct 08 j 17:40                        | บาน<br>13°M 18'18           | 22010140          | evening max el             | •   | 20 <b>==</b> 4919<br>0° <b>M</b>        | 23 30 43           |
| evening max el<br>retrograde     | -468 Oct 19 j 14:11                        |                             | 22°10'48          | retrograde                 | -467 Oct 05 j 17:34                             | 3°ML02'40                               |                    |
| •                                | -468 Oct 29 j 00:31                        | 18°M54'46                   |                   | Č                          | -467 Oct 12 j 17:28<br>-467 Oct 17 j 18:11      |   |                    |
| evening set                      | -468 Nov 02 j 11:39                        | 17°M07'42<br>15°M18'09      |                   | evening set                | -467 Oct 1/ j 18:11<br>-467 Oct 18 j 18:53      | 0°M57'21                                |                    |
| asc. node                        | -468 Nov 04 j 08:48                        |                             | 1010120           | 4.                         | ,   | 30° <b>₹</b> Ω                          |                    |
| inferior conj                    | -468 Nov 07 j 19:53                        | 10°M49'35                   | 1°10'20           | asc. node                  | -467 Oct 22 j 05:51                             | 25° <b>£</b> 47'43                      | 0.67602 ATT        |
| minimum elong                    | -468 Nov 07 j 18:19                        | 10°M54'59                   | 1°09'41           | min. Earth dist.           | -467 Oct 22 j 16:43                             | 25° <b>£</b> 10'43                      | 0.67602 AU         |
| min. Earth dist.                 | -468 Nov 07 j 20:09                        | 10°M48'41                   | 0.67611 AU        | inferior conj              | -467 Oct 23 j 02:51                             | 24° <b>△</b> 36'03                      | 0°18'07            |
| morning rise                     | -468 Nov 13 j 00:50                        | 4°M37'05                    |                   | minimum elong              | -467 Oct 23 j 02:25                             | 24° <b>△</b> 37'32                      | 0°1/56             |
| direct                           | -468 Nov 17 j 18:06                        | 2°M39'16                    | 22021104          | morning rise               | -467 Oct 28 j 10:34                             | 18° <b>£</b> 27'26                      |                    |
| morning max el                   | -468 Nov 27 j 09:11                        | 8°M21'47                    | 22°31'04          | direct                     | -467 Nov 01 j 13:44                             | 16° <b>£</b> 51'52                      | 21000115           |
| desc. node                       | -468 Dec 14 j 08:15                        | 0° <b>₹</b> 13'27           |                   | morning max el             | -467 Nov 10 j 01:29                             | 21° <b>≏</b> 49'38                      | 21°09'15           |
| . ,                              | -468 Dec 14 j 04:32                        | 0° <b>∡¹</b>                |                   |                            | -467 Nov 16 j 22:44                             | 0°M                                     |                    |
| morning set                      | -468 Dec 31 j 02:39                        | 26° <b>₹</b> '03'30         |                   | desc. node                 | -467 Dec 01 j 05:17                             | 20°M25'11                               |                    |
| E 4 E 4                          | -467 Jan 02 j 12:05                        | 0°る                         | 1 40516 433       |                            | -467 Dec 07 j 12:01                             | 0° <b>⊼</b> ¹                           |                    |
| max. Earth dist.                 | -467 Jan 05 j 05:42                        | 4° <b>る</b> 35'23           | 1.40516 AU        | morning set                | -467 Dec 10 j 12:03                             | 4° <b>∡</b> 740'36                      | 1 10160 177        |
|                                  | 467 1 12:01:00                             | 100-715100                  | 2000105           | max. Earth dist.           | -467 Dec 18 j 08:42                             | 17° <b>∡</b> 15'37                      | 1.42463 AU         |
| superior conj                    | -467 Jan 13 j 01:08                        | 18° <b>ろ</b> 15'08          |                   |                            | 467 D 25 : 12 40                                | 200 71424                               | 1050122            |
| minimum elong                    | -467 Jan 13 j 02:30                        | 18° <b>る</b> 21'19          | 2°00'04           | superior conj              | -467 Dec 25 j 12:48                             | 29° <b>₹</b> 14'34                      |                    |
|                                  | -467 Jan 19 j 10:13                        | 0° <b>≈</b>                 |                   | minimum elong              | -467 Dec 25 j 10:06                             | 29° <b>₹</b> 03'02                      | 1°58′28            |
| evening rise                     | -467 Jan 23 j 01:08                        | 6°≈49'11                    |                   |                            | -467 Dec 25 j 23:26                             | 0°る                                     |                    |
| asc. node                        | -467 Jan 31 j 08:05                        | 21°≈54'54                   |                   | evening rise               | -466 Jan 05 j 23:20                             | 19° <b>る</b> 24'16                      |                    |
|                                  | -467 Feb 05 j 18:04                        | 0° <b>)</b> {               | 10021104          | 1                          | -466 Jan 11 j 21:38                             | 0°≈                                     |                    |
| evening max el                   | -467 Feb 08 j 07:05                        | 2° <b>)</b> 50'47           | 18°21'04          | asc. node                  | -466 Jan 18 j 05:07                             | 10°≈16′29                               | 10007157           |
| retrograde                       | -467 Feb 15 j 13:17                        | 6° <b>¥</b> 26′21           |                   | evening max el             | -466 Jan 22 j 17:33                             | 15°≈52'06                               | 18°07'56           |
| evening set                      | -467 Feb 18 j 01:44                        | 6° <b>)</b> €01'34          | 2026126           | retrograde                 | -466 Jan 29 j 09:35                             | 19°≈17'41                               |                    |
| inferior conj                    | -467 Feb 25 j 06:18                        | 1° <b>)</b> €23'40          |                   | evening set                | -466 Feb 01 j 02:26                             | 18°≈44'03                               | 2040140            |
| minimum elong                    | -467 Feb 25 j 09:29                        |                             | 3°26'06           | inferior conj              | -466 Feb 07 j 16:44                             | 13°≈44'38                               | 3°49'40            |
| i. Fauth diet                    | -467 Feb 26 j 21:59                        | 30°R≈                       | 0.50207.411       | minimum elong              | -466 Feb 07 j 17:35                             | 13°≈42'33                               | 3°49'38            |
| min. Earth dist.<br>morning rise | -467 Feb 28 j 16:33<br>-467 Mar 04 j 14:53 | 28°≈32'39                   | 0.59207 AU        | min. Earth dist.           | -466 Feb 10 j 19:16                             | 10°≈45'32                               | 0.61302 AU         |
| direct                           | -467 Mar 10 j 22:45                        | 25°≈50'58                   |                   | morning rise<br>direct     | -466 Feb 14 j 07:19<br>-466 Feb 21 j 04:31      | 7°≈54'55                                |                    |
|                                  | 3  | 24°≈04'19<br>24°≈09'09      |                   | desc. node                 | 3   | 5°≈33'39<br>7°≈09'15                    |                    |
| desc. node                       | -467 Mar 12 j 07:21<br>-467 Mar 23 j 08:28 | 24 <b>≈</b> 09 09           |                   | morning max el             | -466 Feb 27 j 04:25<br>-466 Mar 07 j 07:52      | 7 ≈0913<br>13°≈22'45                    | 27°42'07           |
| morning max el                   | -467 Mar 25 j 06:09                        | 0                           | 2700436           | morning max er             | -466 Mar 20 j 15:05                             | 0° <b>\</b>                             | 27 4207            |
| morning max ci                   | -467 Apr 14 j 13:34                        | 0°Υ                         | 27 04 30          |                            | -466 Apr 06 j 21:29                             | 0° <b>Υ</b>                             |                    |
| morning set                      | -467 Apr 24 j 17:47                        | 19° <b>Υ</b> 36'42          |                   | morning set                | -466 Apr 08 j 23:30                             | 4° <b>Υ</b> 13'08                       |                    |
| asc. node                        | -467 Apr 29 j 07:24                        | 29° <b>Υ</b> 22'38          |                   | max. Earth dist.           | -466 Apr 15 j 00:53                             | 17° <b>Υ</b> 03'53                      | 1.32501 AU         |
| asc. node                        | -467 Apr 29 j 14:15                        | 0° <b>8</b>                 |                   | max. Earth dist.           | -400 Apr 13 J 00.33                             | 1/ 10333                                | 1.32301 AU         |
|                                  | -407 Apr 29 j 14.13                        | 00                          |                   | superior conj              | -466 Apr 16 j 06:44                             | 19° <b>Ƴ</b> 46′29                      | 0°01'02            |
| superior conj                    | -467 May 01 j 19:52                        | 4° <b>8</b> 53'40           | 0°26'24           | minimum elong              | -466 Apr 16 j 06:41                             | 19° <b>Y</b> 46'13                      | 0°01'01            |
| minimum elong                    | -467 May 01 j 18:43                        | 4° <b>8</b> 47'21           | 0°26'09           | behind sun begin           | -466 Apr 16 j 01:37                             | 19° <b>Υ</b> 18'34                      | 0 01 01            |
| max. Earth dist.                 | -467 May 01 j 13:14                        | 4° <b>8</b> 17'15           | 1.32358 AU        | behind sun end             | -466 Apr 16 j 11:45                             | 20°Υ13'53                               |                    |
| evening rise                     | -467 May 08 j 17:51                        | 19° <b>8</b> 52'22          | 1.52550 AU        | asc. node                  | -466 Apr 16 j 04:25                             | 19° <b>Υ</b> 33'51                      |                    |
| Cronning 1150                    | -467 May 13 j 17:43                        | 0°Ⅱ                         |                   | use. Houe                  | -466 Apr 20 j 23:17                             | 0° <b>8</b>                             |                    |
|                                  | -467 Jun 01 j 18:06                        | 0°©                         |                   | evening rise               | -466 Apr 23 j 04:59                             | 4° <b>8</b> 47'17                       |                    |
| evening max el                   | -467 Jun 06 j 13:53                        | 5°9510'44                   | 26°14'01          | - , ching 1150             | -466 May 06 j 16:14                             | 4°Ⅱ                                     |                    |
| desc. node                       | -467 Jun 08 j 06:35                        | 6°9543'10                   | 20 1701           | evening max el             | -466 May 19 j 07:16                             | 0 H<br>16°H12'27                        | 24°55'04           |
| retrograde                       | -467 Jun 20 j 14:48                        | 12°9524'26                  |                   | desc. node                 | -466 May 26 j 03:36                             | 21° <b>II</b> 21'58                     | 2 1 33 UT          |
| evening set                      | -467 Jun 26 j 23:06                        | 12 <b>3</b> 24 20           |                   | retrograde                 | -466 Jun 02 j 06:58                             | 23° <b>I</b> 18'28                      |                    |
| min. Earth dist.                 | -467 Jul 01 j 02:51                        | 8°906'44                    | 0.59335 AU        | evening set                | -466 Jun 07 j 10:35                             | 23 <b>H</b> 18 28<br>22° <b>H</b> 17'55 |                    |
| inferior conj                    | -467 Jul 04 j 11:01                        | 5°933'06                    |                   | min. Earth dist.           |   | 19° <b>Ⅱ</b> 27'45                      | 0.57374 AU         |
| ciioi conj                       |  |                             |                   |                            | -400 1110 17 114 10                             |   |                    |
| minimum elong                    | -467 Jul 04 j 11:56                        | 5° <b>©</b> 33'00           |                   | inferior conj              | -466 Jun 12 j 18:50<br>-466 Jun 15 j 18:41      | 17° <b>II</b> 28'31                     |                    |

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|------------------|--|---|------------|---------------------------|--|-----------------------------------|------------|
| minimum elong    | -466 Jun 15 j 15:07                        | 17° <b>∏</b> 34'29                      |            | inferior conj             | -465 May 27 j 06:24                        | 28° <b>8</b> 39'47                | -3°37'50   |
| morning rise     | -466 Jun 23 j 22:24                        | 13° <b>Ⅱ</b> 18'45                      |            | minimum elong             | -465 May 26 j 23:27                        | 28° <b>8</b> 50'06                |            |
| direct           | -466 Jun 26 j 12:09                        | 12° <b>Ⅱ</b> 59'39                      |            | morning rise              | -465 Jun 04 j 21:45                        | 24° <b>8</b> 44'12                |            |
| morning max el   | -466 Jul 05 j 10:57                        | 17° <b>Ⅱ</b> 10′08                      | 19°11'12   | direct                    | -465 Jun 07 j 13:59                        | 24° <b>8</b> 26'42                |            |
| asc. node        | -466 Jul 13 j 03:41                        | 27° <b>I</b> 107'38                     |            | morning max el            | -465 Jun 18 j 02:15                        | 29° <b>8</b> 18'25                | 20°18'20   |
|                  | -466 Jul 14 j 20:57                        | 0ಂತಿ                                    |            |                           | -465 Jun 18 j 19:37                        | 0°II                              |            |
| morning set      | -466 Jul 22 j 09:49                        | 14°9512'12                              |            | asc. node                 | -465 Jun 30 j 00:43                        | 15° <b>Ⅱ</b> 59'41                |            |
| morning sec      | -466 Jul 30 j 09:25                        | 0°N                                     |            | morning set               | -465 Jul 06 j 14:31                        | 28° <b>Ⅱ</b> 46'01                |            |
|                  | 100 341 30 1 07.23                         | o 00                                    |            | morning see               | -465 Jul 07 j 05:01                        | 0°9                               |            |
| superior conj    | -466 Jul 30 j 16:22                        | 0° <b>Ω</b> 33'39                       | 1°47'20    |                           | 100 vai 07 j 00.01                         | • •                               |            |
| minimum elong    | -466 Jul 30 j 16:43                        |   | 1°47'20    | superior conj             | -465 Jul 14 j 07:13                        | 14°931'22                         | 1°44'42    |
| max. Earth dist. | -466 Aug 06 j 04:02                        | 12° <b>Ω</b> 45'30                      | 1.38311 AU | minimum elong             | -465 Jul 14 j 05:57                        | 14°925'00                         | 1°44'39    |
| evening rise     | -466 Aug 09 j 23:28                        | 19° <b>Ω</b> 33'10                      | 1.50511110 | max. Earth dist.          | -465 Jul 19 j 09:28                        | 24°934'58                         | 1.36431 AU |
|                  | -466 Aug 16 j 03:43                        | 0° <b>m</b> )                           |            |                           | -465 Jul 22 j 06:07                        | 0°N                               |            |
| desc. node       | -466 Aug 22 j 02:58                        | 9° m) 27'57                             |            | evening rise              | -465 Jul 23 j 08:52                        | 2° <b>Ω</b> 03'41                 |            |
|                  | -466 Sep 05 j 15:21                        | 0∘ <b>⊽</b>                             |            | desc. node                | -465 Aug 08 j 23:59                        | 29° <b>Ω</b> 41'16                |            |
| evening max el   | -466 Sep 14 j 16:25                        | 10° <b>£</b> 23'44                      | 24°49'20   | dese. Hode                | -465 Aug 09 j 05:00                        | 0° m                              |            |
| retrograde       | -466 Sep 26 i 06:30                        | 17° <b>£</b> 08'22                      | 2, 20      | evening max el            | -465 Aug 28 j 03:42                        | 23° <b>m</b> 59'36                | 25°59'13   |
| evening set      | -466 Oct 01 j 21:52                        | 14° <b>£</b> 45'22                      |            | evening man er            | -465 Sep 05 j 04:02                        | 0ಂ <del>ರ</del>                   | 20 07 10   |
| min. Earth dist. | -466 Oct 06 j 11:39                        | 9° <b>£</b> 33'11                       | 0.67272 AU | retrograde                | -465 Sep 09 j 15:00                        | 1° <b>≏</b> 06'10                 |            |
| inferior conj    | -466 Oct 07 j 08:21                        | 8° <b>£</b> 24'38                       |            | retrograde                | -465 Sep 13 j 17:04                        | 30°R, Mp                          |            |
| minimum elong    | -466 Oct 07 j 09:15                        | 8° <b>£</b> 21'38                       | 0°36'16    | evening set               | -465 Sep 15 j 20:48                        | 28° <b>m</b> ) 28'44              |            |
| asc. node        | -466 Oct 09 j 02:54                        | 6° <b>⊆</b> 07'03                       | 0 30 10    | min. Earth dist.          | -465 Sep 20 j 02:36                        | 23° m 52'53                       | 0.66610 AU |
| morning rise     | -466 Oct 12 j 20:43                        | 2° <b>£</b> 22'33                       |            | inferior conj             | -465 Sep 21 j 10:35                        | 22° m 12'24                       |            |
| direct           | -466 Oct 16 j 11:29                        | 1° <b>⊆</b> 07'15                       |            | minimum elong             | -465 Sep 21 j 12:54                        | 22° m 05'05                       |            |
| morning max el   | -466 Oct 24 j 01:28                        | 5° <b>£</b> 28'22                       | 19°58'38   | asc. node                 | -465 Sep 25 j 23:57                        | 17° Mp 12'16                      | 1 31 30    |
| morning max ci   | -466 Nov 10 j 23:46                        | 0°M                                     | 19 36 36   | morning rise              | -465 Sep 27 j 05:19                        | 16° Mp 19'39                      |            |
| desc. node       | -466 Nov 18 j 02:18                        | 10°M51'56                               |            | direct                    | -465 Sep 30 j 09:47                        | 15° Mp 21'17                      |            |
| morning set      | -466 Nov 19 j 08:42                        | 10 IIL31 30                             |            | morning max el            | -465 Oct 07 j 08:40                        | 19° Mp 15'36                      | 19°02'21   |
| morning set      | -466 Nov 30 j 07:44                        | 0° <b>√</b>                             |            | morning max cr            | -465 Oct 15 j 16:32                        | 0° <b>⊽</b>                       | 19 02 21   |
| max. Earth dist. | -466 Nov 30 j 19:28                        |   | 1.43962 AU | morning set               | -465 Oct 29 j 17:05                        | 0 <b>==</b><br>21° <b>£</b> 39'23 |            |
| max. Earth dist. | -400 NOV 30 J 19.26                        | 0 × 4047                                | 1.43902 AU | morning set               | -465 Nov 04 j 00:41                        | 0°M                               |            |
| superior conj    | -466 Dec 05 j 21:47                        | 8° <b>₹</b> 59'28                       | 1940'21    | desc. node                | -465 Nov 04 j 00.41                        | 1°M28'42                          |            |
| minimum elong    | -466 Dec 05 j 14:35                        | 8° <b>₹</b> 39′14                       |            | max. Earth dist.          | -465 Nov 13 j 11:23                        | 14°M49'58                         | 1.44831 AU |
| minimum ciong    | -466 Dec 18 j 11:22                        | 0°중                                     | 1 3943     | max. Earth dist.          | -403 NOV 13 J 11.23                        | 14 11649 36                       | 1.44631 AU |
| evening rise     | -466 Dec 19 j 03:37                        | 1°る09'33                                |            | superior conj             | -465 Nov 15 j 06:41                        | 17° <b>M</b> 40'43                | 1004'06    |
| asc. node        | -465 Jan 05 j 02:10                        | 27°る52'31                               |            | minimum elong             | -465 Nov 14 j 23:10                        | 17°ML11'01                        |            |
| evening max el   | -465 Jan 06 j 06:01                        | 27 33231<br>29°る07'29                   | 10014107   | minimum ciong             | -465 Nov 23 j 00:34                        | 0° <b>√</b> 7                     | 1 03 12    |
| evening max er   | -465 Jan 07 j 04:05                        | 29 007 29<br>0°≈                        | 16 1407    | evening rise              | -465 Nov 30 j 09:47                        | 11° <b>х</b> 57'02                |            |
| retrograde       | -465 Jan 12 j 17:51                        | 0 ≈<br>2°≈36'19                         |            | evening rise              | -465 Dec 11 j 13:16                        | 11 x 3/02<br>0°る                  |            |
| evening set      | -465 Jan 15 j 15:00                        | 2 ≈50 19<br>1°≈53'03                    |            | evening max el            | -465 Dec 20 j 17:47                        | 0 3<br>12° <b>る</b> 30'24         | 18°38'46   |
| evening set      | -465 Jan 18 j 08:24                        | 1 ≈33 03<br>30°Rる                       |            | asc. node                 | -465 Dec 22 j 23:14                        | 12 03024<br>14° <b>る</b> 29'28    | 16 36 40   |
| inferior conj    | -465 Jan 21 j 18:29                        | 30 KO<br>26°る33'29                      | 3°49'08    |                           | -465 Dec 27 j 09:43                        | 14 82928<br>16° <b>る</b> 13'25    |            |
| minimum elong    | -465 Jan 21 j 17:21                        | 26° <b>る</b> 36'34                      | 3°49'04    | retrograde<br>evening set | -465 Dec 30 j 12:00                        | 16 313 23<br>15° <b>3</b> 19'24   |            |
| min. Earth dist. | -465 Jan 24 j 07:17                        | 20 03034<br>23° <b>で</b> 48'14          | 0.63239 AU | inferior conj             | -464 Jan 05 j 07:36                        | 9° <b>石</b> 41'52                 | 3°31'44    |
| morning rise     | -465 Jan 27 j 18:56                        | 23 848 14<br>20°る32'58                  | 0.03239 AU | minimum elong             | -464 Jan 05 j 05:15                        | 9° <b>ठ</b> 48'55                 | 3°31'20    |
| direct           | -465 Feb 03 j 18:53                        | 20 <b>3</b> 32 38                       |            | min. Earth dist.          | -464 Jan 07 j 05:10                        | 9 <b>3</b> 48 33                  | 0.64863 AU |
| desc. node       | -465 Feb 14 j 01:28                        | 22°る26'06                               |            | morning rise              | -464 Jan 10 j 22:05                        | 3°る34'40                          | 0.04803 AU |
| morning max el   | -465 Feb 17 j 14:57                        | 22 <b>3</b> 2606<br>25° <b>る</b> 39'53  | 27042136   | direct                    | -464 Jan 17 j 16:33                        | 3 33440<br>0° <b>3</b> 42'16      |            |
| morning max ci   | -465 Feb 21 j 15:26                        | 0°≈                                     | 27 42 30   | morning max el            | -464 Jan 31 j 00:28                        | 8° <b>ਰ</b> 26'57                 | 27°08'46   |
|                  | -465 Mar 14 j 02:28                        | 0 <b>≈</b><br>0° <b>H</b>               |            | desc. node                | -464 Jan 31 j 22:31                        | 8 32037<br>9° <b>3</b> 23'11      | 41 00 40   |
| morning set      | -465 Mar 23 j 23:04                        | 18° <b>∺</b> 27'46                      |            | desc. Hode                | -464 Feb 16 j 20:14                        | 9° <b>≈</b>                       |            |
| max. Earth dist. | -465 Mar 29 j 07:21                        | 29° <b>H</b> 30'08                      | 1.33030 AU |                           | -464 Mar 05 j 10:16                        | 0 <b>≈</b><br>0° <b>H</b>         |            |
| max. Earth dist. | -465 Mar 29 j 12:59                        | 29 <b>γ</b> (30 08                      | 1.55050 AO | morning set               | -464 Mar 06 j 13:29                        | 2° <b>∺</b> 10'54                 |            |
|                  | -403 Wai 29 j 12.39                        | 0 1                                     |            | max. Earth dist.          | -464 Mar 11 j 04:37                        | 11° <b>H</b> 23'58                | 1.33979 AU |
| superior conj    | -465 Mar 31 j 15:00                        | 4° <b>Y</b> 27'25                       | -0°25'29   | max. Lattii üist.         | -101 IVIAL 11 J U4.3/                      | 11 /(23.38                        | 1.33717 AU |
| minimum elong    | -465 Mar 31 j 16:13                        | 4° <b>Υ</b> 33'56                       |            | superior conj             | -464 Mar 14 j 18:43                        | 18° <b>¥</b> 50'08                | -0°52'03   |
| asc. node        | -465 Apr 03 j 01:27                        | 4 1 33 36<br>9° <b>Υ</b> 42'55          | 0 23 14    | minimum elong             | -464 Mar 14 j 21:11                        | 18 ★3008<br>19°¥03'05             | 0°51'35    |
| evening rise     | -465 Apr 03 j 01:27                        | 9° <b>γ</b> 42′55<br>19° <b>Υ</b> 39′50 |            | asc. node                 | -464 Mar 19 j 22:31                        | 29° <b>H</b> 45'41                | 0 3133     |
| evening 1150     | -465 Apr 12 j 18:43                        | 0° <b>8</b>                             |            | asc. Houc                 | -464 Mar 20 j 01:14                        | 29 <b>π</b> 4541<br>0° <b>Υ</b>   |            |
| evening max el   | -465 Apr 30 j 21:48                        | 26° <b>8</b> 48'40                      | 23°21'20   | evening rise              | -464 Mar 22 j 03:21                        | 0° γ<br>4° <b>Υ</b> 23'42         |            |
| evening max ei   | -465 May 04 j 16:39                        | 26° <b>G</b> 48'40<br>0° <b>Ⅱ</b>       | 43 41 47   | evening rise              | -464 Apr 05 j 08:45                        | 0° <b>8</b>                       |            |
| desc. node       | -465 May 13 j 00:39                        | 0°Щ<br>3°Щ29'46                         |            | evening max el            | -464 Apr 11 j 16:37                        | 7° <b>8</b> 30'14                 | 21040100   |
| retrograde       | -465 May 14 j 11:04                        | 3° <b>П</b> 29'46<br>3° <b>П</b> 34'26  |            | retrograde                | -464 Apr 24 j 04:01                        | 13° <b>8</b> 35'32                | 40 U7      |
| evening set      | -465 May 14 j 11:04<br>-465 May 18 j 03:55 | 3° <b>П</b> 34'26<br>3° <b>П</b> 04'18  |            | evening set               | -464 Apr 26 j 17:52                        | 13° <b>6</b> 35'32                |            |
| evening set      | • •  | 3°Д0418<br>30°R <b>8</b>                |            | desc. node                |  | 13° <b>8</b> 20'39                |            |
| min. Earth dist. | -465 May 24 j 23:57<br>-465 May 25 j 07:55 |   | 0.55837 AU | inferior conj             | -464 Apr 28 j 21:40<br>-464 May 06 j 03:46 | 9° <b>8</b> 16'59                 | -2°01'47   |
|                  | TUD IVIAY 40   U1.00                       | 27 U+020                                | 0.22021 AU | micron conj               | -TOT May 00 J 03.40                        | 7 01039                           | 4 014/     |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 234 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: T | he year -900 in         | astronomical cou | nting style is the year | 901 BCE in historical cou | inting style.       |            |
|---------------------|----------------------------|-------------------------|------------------|-------------------------|---------------------------|---------------------|------------|
| minimum elong       | -464 May 05 j 22:17        | 9° <b>8</b> 24'42       |                  | retrograde              | -463 Apr 04 j 17:20       | 23° <b>Y</b> 52'57  |            |
| min. Earth dist.    | -464 May 05 j 21:01        | 9° <b>8</b> 26'28       | 0.55055 AU       | evening set             | -463 Apr 06 j 20:52       | 23° <b>Y</b> 41'33  |            |
| morning rise        | -464 May 15 j 03:45        | 5° <b>8</b> 20'01       |                  | inferior conj           | -463 Apr 15 j 23:06       | 19° <b>Y</b> 43'58  | -0°03'08   |
| direct              | -464 May 18 j 02:32        | 5° <b>8</b> 00'47       |                  | minimum elong           | -463 Apr 15 j 22:58       | 19° <b>Ƴ</b> 44'10  | 0°03'04    |
| morning max el      | -464 May 30 j 06:34        | 10° <b>8</b> 44'40      | 21°44'08         | transit middle          | -463 Apr 15 j 22:58       | 19° <b>Y</b> 44'10  | 0°03'04    |
|                     | -464 Jun 13 j 01:42        | $\Pi$ $^{\circ}0$       |                  | transit begin           | -463 Apr 15 j 18:59       | 19° <b>Y</b> 49'58  |            |
| asc. node           | -464 Jun 15 j 21:46        | 5° <b>Ⅱ</b> 21′02       |                  | transit end             | -463 Apr 16 j 02:56       | 19° <b>Ƴ</b> 38'22  |            |
| morning set         | -464 Jun 19 j 23:32        | 13° <b>Ⅱ</b> 34'36      |                  | desc. node              | -463 Apr 15 j 18:43       | 19° <b>Ƴ</b> 50'21  |            |
|                     |                            |                         |                  | min. Earth dist.        | -463 Apr 17 j 10:43       | 18° <b>Y</b> 52'04  | 0.55225 AU |
| superior conj       | -464 Jun 27 j 07:10        | 28° <b>Ⅱ</b> 57'46      |                  | morning rise            | -463 Apr 24 j 23:39       | 15° <b>Y</b> 27′13  |            |
| minimum elong       | -464 Jun 27 j 04:58        | 28° <b>Ⅱ</b> 46'16      | 1°35'09          | direct                  | -463 Apr 28 j 14:47       | 14° <b>Y</b> 58'34  |            |
|                     | -464 Jun 27 j 19:07        | 0                       |                  | morning max el          | -463 May 12 j 01:33       | 21° <b>Y</b> 32'52  | 23°22'31   |
| max. Earth dist.    | -464 Jun 30 j 22:47        | 6° <b>5</b> 29'03       | 1.34865 AU       |                         | -463 May 19 j 08:35       | $8^{\circ 0}$       |            |
| evening rise        | -464 Jul 05 j 11:40        | 15° <b>©</b> 26'39      |                  | asc. node               | -463 Jun 02 j 18:50       | 25° <b>8</b> 03'17  |            |
|                     | -464 Jul 13 j 11:26        | $0^{\circ}\Omega$       |                  | morning set             | -463 Jun 04 j 10:53       | 28° <b>8</b> 31'10  |            |
| desc. node          | -464 Jul 25 j 21:01        | 19° <b>Ω</b> 31'56      |                  |                         | -463 Jun 05 j 03:45       | $\Pi$ $^{\circ}0$   |            |
|                     | -464 Aug 02 j 18:36        | O° My                   |                  |                         |                           |                     |            |
| evening max el      | -464 Aug 09 j 15:34        | 7° <b>m</b> 32′12       | 26°52'29         | superior conj           | -463 Jun 11 j 13:10       | 13° <b>Ⅱ</b> 42'19  | 1°20'45    |
| retrograde          | -464 Aug 22 j 18:25        | 14° <b>m</b> 49'43      |                  | minimum elong           | -463 Jun 11 j 10:39       | 13° <b>Ⅲ</b> 28′50  | 1°20'24    |
| evening set         | -464 Aug 29 j 12:46        | 12° Mp 04'24            |                  | max. Earth dist.        | -463 Jun 13 j 21:57       | 18° <b>∏</b> 44'29  | 1.33683 AU |
| min. Earth dist.    | -464 Sep 02 j 11:18        | 8° Mp 05'43             | 0.65600 AU       | evening rise            | -463 Jun 19 j 03:05       | 29° <b>Ⅲ</b> 27'32  |            |
| inferior conj       | -464 Sep 04 j 07:34        | 5° Mp 56′23             | -2°27'20         |                         | -463 Jun 19 j 09:37       | $0$ $\circ$ $\odot$ |            |
| minimum elong       | -464 Sep 04 j 11:12        | 5° Mp 45′44             | 2°26'02          |                         | -463 Jul 06 j 13:26       | $0^{\circ}\Omega$   |            |
| morning rise        | -464 Sep 10 j 10:11        | 0° Mp 15′57             |                  | desc. node              | -463 Jul 12 j 18:03       | 8° <b>Ω</b> 49'18   |            |
|                     | -464 Sep 10 j 23:43        | $30^{\circ}$ R $\Omega$ |                  | evening max el          | -463 Jul 23 j 03:06       | 20° <b>Ω</b> 50′19  | 27°21'48   |
| asc. node           | -464 Sep 11 j 20:59        | 29° <b>Ω</b> 41'49      |                  | retrograde              | -463 Aug 05 j 15:59       | 28° <b>Ω</b> 10′08  |            |
| direct              | -464 Sep 13 j 06:49        | 29° <b>Ω</b> 30'47      |                  | evening set             | -463 Aug 12 j 18:53       | 25° <b>Ω</b> 26'39  |            |
|                     | -464 Sep 15 j 14:39        | O° Mp                   |                  | min. Earth dist.        | -463 Aug 16 j 11:27       | 22° <b>Ω</b> 03'25  | 0.64226 AU |
| morning max el      | -464 Sep 19 j 21:11        | 3°₩07'21                | 18°22'06         | inferior conj           | -463 Aug 18 j 20:51       | 19° <b>Ω</b> 30'46  | -3°18'49   |
|                     | -464 Oct 08 j 01:09        | 0∘ <b>ত</b>             |                  | minimum elong           | -463 Aug 19 j 01:23       | 19° <b>Ω</b> 18'41  | 3°17'30    |
| morning set         | -464 Oct 09 j 04:31        | 1° <b>≏</b> 51'24       |                  | morning rise            | -463 Aug 25 j 08:44       | 14° <b>Ω</b> 06′01  |            |
| desc. node          | -464 Oct 21 j 20:22        | 22° <b>£</b> 12'06      |                  | direct                  | -463 Aug 28 j 00:01       | 13° <b>Ω</b> 30′33  |            |
|                     |                            |                         |                  | asc. node               | -463 Aug 29 j 18:02       | 13° <b>Ω</b> 46′20  |            |
| superior conj       | -464 Oct 24 j 07:16        | 26° <b>£</b> 04'57      | -0°16'02         | morning max el          | -463 Sep 03 j 12:28       | 16° <b>Ω</b> 57'34  | 17°59'00   |
| minimum elong       | -464 Oct 24 j 05:09        | 25° <b>≏</b> 56'39      | 0°15'45          |                         | -463 Sep 12 j 21:09       | o° my               |            |
| behind sun begin    | -464 Oct 24 j 02:19        | 25° <b>£</b> 45'26      |                  | morning set             | -463 Sep 20 j 19:32       | 13° <b>m</b> 23'29  |            |
| behind sun end      | -464 Oct 24 j 08:00        | 26° <b>£</b> 07'51      |                  |                         | -463 Sep 30 j 16:55       | 0∘ <b>⊽</b>         |            |
| max. Earth dist.    | -464 Oct 26 j 05:45        | 29° <b>₽</b> 08'05      | 1.44981 AU       |                         |                           |                     |            |
|                     | -464 Oct 26 j 18:57        | 0° <b>M</b> ,           |                  | superior conj           | -463 Oct 03 j 21:17       | 5° <b>₽</b> 12'01   | 0°31'33    |
| evening rise        | -464 Nov 09 j 16:06        | 21°M45'51               |                  | minimum elong           | -463 Oct 04 j 00:45       | 5° <b>£</b> 26′04   |            |
|                     | -464 Nov 14 j 22:09        | 0° <b>∡</b> ¹           |                  | desc. node              | -463 Oct 08 j 17:24       | 12° <b>≏</b> 58'29  |            |
| greatest brilliancy | -464 Nov 20 j 09:51        | 8° <b>∡</b> ³32'15      | -0.8m            | max. Earth dist.        | -463 Oct 08 j 23:47       | 13° <b>ჲ</b> 23'52  | 1.44398 AU |
| evening max el      | -464 Dec 03 j 02:38        | 25° <b>₹</b> 57'26      | 19°20'32         |                         | -463 Oct 19 j 14:28       | 0°M                 |            |
| asc. node           | -464 Dec 08 j 20:17        | 29° <b>₹</b> 52'49      |                  | evening rise            | -463 Oct 20 j 03:35       | 0°M50'35            |            |
|                     | -464 Dec 09 j 10:23        | 0°రె                    |                  | •                       | -463 Nov 08 j 16:22       | 0° <b>∡</b> ¹       |            |
| retrograde          | -464 Dec 10 j 05:43        | 0° <b>る</b> 03'40       |                  | evening max el          | -463 Nov 16 j 06:43       | 9° <b>∡</b> ¹25'57  | 20°17'32   |
| •                   | -464 Dec 11 j 00:51        | 30°₽ <b>⋌</b>           |                  | retrograde              | -463 Nov 24 j 03:17       | 14° <b>₹</b> '03'12 |            |
| evening set         | -464 Dec 13 j 14:43        | 28° <b>₹</b> 57'12      |                  | asc. node               | -463 Nov 25 j 17:18       | 13° <b>∡</b> ¹48'52 |            |
| inferior conj       | -464 Dec 19 j 04:49        | 23° <b>₹</b> '04'20     | 3°02'11          | evening set             | -463 Nov 27 j 20:53       | 12° <b>∡</b> ¹42'19 |            |
| minimum elong       | -464 Dec 19 j 01:59        | 23° <b>₹</b> 13'25      | 3°01'27          | inferior conj           | -463 Dec 03 j 07:25       | 6° <b>∡</b> ³36'55  | 2°23'45    |
| min. Earth dist.    | -464 Dec 20 j 11:50        | 21° <b>∡</b> ¹24'38     | 0.66110 AU       | minimum elong           | -463 Dec 03 j 04:43       | 6° <b>∡</b> ¹45'58  | 2°22'52    |
| morning rise        | -464 Dec 24 j 13:00        | 16° <b>₹</b> 53'05      |                  | min. Earth dist.        | -463 Dec 04 j 01:21       | 5° <b>∡</b> ³36'29  | 0.66970 AU |
| direct              | -464 Dec 30 j 20:23        | 14° <b>₹</b> 06'11      |                  | morning rise            | -463 Dec 08 j 12:23       | 0° <b>∡</b> ¹23'43  |            |
| morning max el      | -463 Jan 12 j 09:51        | 21° <b>₹</b> 31'29      | 26°07'35         |                         | -463 Dec 08 j 23:23       | 30°RM               |            |
| desc. node          | -463 Jan 17 j 19:34        | 27° <b>∡</b> ³31'47     |                  | direct                  | -463 Dec 14 j 05:34       | 27°M52'15           |            |
|                     | -463 Jan 19 j 19:39        | 0°る                     |                  |                         | -463 Dec 20 j 04:18       | 0° <b>∡</b> ¹       |            |
|                     | -463 Feb 09 j 01:08        | 0° <b>≈</b>             |                  | morning max el          | -463 Dec 25 j 18:20       | 4° <b>₹</b> 144'23  | 24°48'28   |
| morning set         | -463 Feb 17 j 14:42        | 15° <b>≈</b> 09'49      |                  | desc. node              | -462 Jan 04 j 16:38       | 16° <b>∡</b> ³31′07 |            |
| max. Earth dist.    | -463 Feb 21 j 14:05        | 22° <b>≈</b> 43'12      | 1.35387 AU       |                         | -462 Jan 14 j 05:30       | 0°ಕ                 |            |
|                     | -463 Feb 25 j 06:25        | 0° <b>)</b>             |                  | morning set             | -462 Jan 30 j 21:24       | 27° <b>ප</b> 09'31  |            |
|                     | <b>J</b> •                 |                         |                  | <i>C</i> .              | -462 Feb 01 j 11:35       | 0° <b>≈</b>         |            |
| superior conj       | -463 Feb 26 j 15:28        | 2° <b>)(</b> 47'07      | -1°17'17         | max. Earth dist.        | -462 Feb 03 j 13:20       |                     | 1.37216 AU |
| minimum elong       | -463 Feb 26 j 18:55        | 3° <b>)</b> €04'41      |                  |                         | <i>y</i> *                |                     | -          |
| evening rise        | -463 Mar 06 j 10:47        | 18° <b>)</b> 52′15      |                  | superior conj           | -462 Feb 10 j 02:09       | 16° <b>≈</b> 09'47  | -1°39'12   |
| asc. node           | -463 Mar 06 j 19:35        | 19° <b>)</b> 37′17      |                  | minimum elong           | -462 Feb 10 j 05:55       | 16° <b>≈</b> 28'10  |            |
|                     | -463 Mar 12 j 01:49        | $0^{\circ}\Upsilon$     |                  | 3                       | -462 Feb 17 j 01:05       | 0° <b>)</b> €       |            |
| evening max el      | -463 Mar 24 j 21:14        | 18° <b>Ƴ</b> 40'43      | 20°26'17         | evening rise            | -462 Feb 18 j 12:53       | 2° <b>)</b> 59′12   |            |
|                     | •                          |                         |                  | -                       |                           |                     |            |

| •                                | -  |   | •                 | , ·              | 01 BCE in historical cou                   |                       | <b>50</b> 233 |
|----------------------------------|--|---|-------------------|------------------|--|-----------------------|---------------|
| asc. node                        | -462 Feb 21 j 16:39                        | 9° <b>¥</b> 12'47                       | usu onomicui coun | evening rise     | -461 Feb 02 j 06:51                        | 16°≈36'29             |               |
| use. Itoue                       | -462 Mar 07 j 01:14                        | 0°Υ                                     |                   | asc. node        | -461 Feb 08 j 13:40                        | 28°≈25'30             |               |
| evening max el                   | -462 Mar 07 j 12:59                        | 0° <b>Υ</b> 28'55                       | 19°21'58          | use. Houe        | -461 Feb 09 j 11:02                        | 0° <b>∀</b>           |               |
| retrograde                       | -462 Mar 16 j 16:32                        | 4° <b>Υ</b> 52'22                       | 1) 2130           | evening max el   | -461 Feb 18 j 14:11                        | 12° <b>X</b> 51'15    | 18°37'26      |
| evening set                      | -462 Mar 18 j 21:22                        | 4° <b>Υ</b> 38'14                       |                   | retrograde       | -461 Feb 26 j 09:50                        | 16° <b>)</b> 40'01    | 10 37 20      |
| inferior conj                    | -462 Mar 27 j 06:26                        | 0° <b>Υ</b> 30'28                       | 1°44'24           | evening set      | -461 Feb 28 j 19:20                        | 16° <b>)</b> 19'48    |               |
| minimum elong                    | -462 Mar 27 j 10:17                        | 0° <b>Υ</b> 24'06                       | 1°43'12           | inferior conj    | -461 Mar 08 j 09:39                        |                       | 2°59'29       |
| minimum clong                    | -462 Mar 28 j 00:52                        | 30° <b>R</b> ₩                          | 1 43 12           | minimum elong    | -461 Mar 08 j 13:48                        | 11° <b>X</b> 45'35    | 2°58'35       |
| min. Earth dist.                 | -462 Mar 30 j 01:26                        | 28° <b>∺</b> 40'49                      | 0.56302 AU        | min. Earth dist. | -461 Mar 11 j 18:51                        | 9° <b>H</b> 18'48     | 0.58039 AU    |
| desc. node                       | -462 Apr 02 j 15:46                        | 26° <del>)(</del> 37'38                 | 0.30302 AC        | morning rise     | -461 Mar 16 j 05:31                        | 6°\(\frac{1}{3}\)4'22 | 0.30037 AC    |
| morning rise                     | -462 Apr 04 j 20:28                        | 25°\(\frac{7}{42}\)'13                  |                   | desc. node       | -461 Mar 20 j 12:49                        | 5° <b>)</b> 15'49     |               |
| direct                           | -462 Apr 09 j 13:00                        | 24° <b>H</b> 52'02                      |                   | direct           | -461 Mar 22 j 00:36                        | 5° <b>₩</b> 10'12     |               |
| direct                           | -462 Apr 21 j 09:04                        | 24 <b>γ</b> (32 02<br>0° <b>γ</b>       |                   | morning max el   | -461 Apr 05 j 08:56                        | 12° <b>X</b> 44'19    | 26°27'30      |
| morning max el                   | -462 Apr 23 j 16:17                        | 2° <b>Υ</b> 03'22                       | 25°02'02          | morning max ci   | -461 Apr 18 j 22:02                        | 12 <b>γ</b> (44 19    | 20 27 30      |
| morning max er                   | -462 May 13 j 04:30                        | 0° <b>8</b>                             | 23 02 02          | morning set      | -461 May 04 j 09:53                        | 28° <b>Υ</b> 26'00    |               |
| morning set                      |  | 13° <b>8</b> 30'22                      |                   | morning set      | , ,  | 0°8                   |               |
| morning set                      | -462 May 19 j 22:53                        | 15° <b>8</b> 00'22                      |                   | aga mada         | -461 May 05 j 03:44                        | 5° <b>8</b> 06'35     |               |
| asc. node                        | -462 May 20 j 15:54                        | 13 000 22                               |                   | asc. node        | -461 May 07 j 12:58                        | 3 00033               |               |
| superior conj                    | -462 May 26 j 22:52                        | 28° <b>8</b> 37'40                      | 1°02'03           | superior conj    | -461 May 11 j 10:22                        | 13° <b>8</b> 37'00    | 0°40'08       |
| minimum elong                    | -462 May 26 j 20:34                        | 28° <b>8</b> 25'07                      | 1°01'39           | minimum elong    | -461 May 11 j 08:42                        | 13° <b>8</b> 27'50    | 0°39'48       |
| minimum ciong                    | -462 May 27 j 14:00                        | 0°Ⅱ                                     | 1 0137            | max. Earth dist. | -461 May 11 j 17:00                        | 14° <b>8</b> 13'23    | 1.32445 AU    |
| may Earth dist                   |  | 1° <b>∏</b> 22'19                       | 1.32884 AU        |                  | • •  | 28° <b>8</b> 39'20    | 1.32443 AU    |
| max. Earth dist.<br>evening rise | -462 May 28 j 05:10<br>-462 Jun 03 j 03:25 | 1° <b>П</b> 22′19<br>13° <b>П</b> 55'01 | 1.34004 AU        | evening rise     | -461 May 18 j 09:43<br>-461 May 19 j 01:14 | 0°Ⅱ                   |               |
| evening rise                     | ,  | 0°©                                     |                   |                  | -461 Jun 04 j 19:40                        | 0°©                   |               |
| daga mada                        | -462 Jun 11 j 11:51                        | 0<br>27°<br>919'34                      |                   | desc. node       | ·  | ୦ ୬<br>14°9543'11     |               |
| desc. node                       | -462 Jun 29 j 15:03                        | 27 <b>3</b> 1934<br>0°Ω                 |                   |                  | -461 Jun 16 j 12:03                        |                       | 26947124      |
|                                  | -462 Jul 01 j 22:34                        |   | 27021100          | evening max el   | -461 Jun 17 j 15:35                        | 15°950'42             | 26°47'34      |
| evening max el                   | -462 Jul 05 j 11:59                        | 3° <b>Ω</b> 40′26                       | 2/°21'08          | retrograde       | -461 Jul 01 j 14:54                        | 23°506'58             |               |
| retrograde                       | -462 Jul 19 j 07:01                        | 10° <b>Ω</b> 58'42                      |                   | evening set      | -461 Jul 08 j 10:22                        | 21°506'00             | 0.60501 ATT   |
| evening set                      | -462 Jul 26 j 11:31                        | 8° <b>Ω</b> 29'40                       | 0.60505.433       | min. Earth dist. | -461 Jul 12 j 05:09                        | 18°927'05             | 0.60521 AU    |
| min. Earth dist.                 | -462 Jul 30 j 01:25                        |   | 0.62507 AU        | inferior conj    | -461 Jul 15 j 12:15                        | 15°5642'45            |               |
| inferior conj                    | -462 Aug 01 j 23:33                        | 2° <b>Ω</b> 48'58                       |                   | minimum elong    | -461 Jul 15 j 15:05                        | 15°936'51             | 4°33'26       |
| minimum elong                    | -462 Aug 02 j 04:02                        | 2° <b>£</b> 38'17                       | 4°02'04           | morning rise     | -461 Jul 22 j 21:39                        | 10°959'04             |               |
|                                  | -462 Aug 05 j 03:11                        | 30°Rூ                                   |                   | direct           | -461 Jul 25 j 09:17                        | 10°935'18             | 10005156      |
| morning rise                     | -462 Aug 08 j 21:48                        | 27°543'23                               |                   | morning max el   | -461 Aug 01 j 16:03                        | 14°509'04             | 18°07'56      |
| direct                           | -462 Aug 11 j 10:12                        | 27°©14'48                               |                   | asc. node        | -461 Aug 03 j 12:09                        | 16°906'58             |               |
| asc. node                        | -462 Aug 16 j 15:06                        | 29° <b>©</b> 19'24                      |                   |                  | -461 Aug 12 j 12:19                        | 0°N                   |               |
|                                  | -462 Aug 17 j 10:28                        | 0° <b>Ω</b>                             |                   | morning set      | -461 Aug 17 j 14:03                        | 9° <b>Ω</b> 21'16     |               |
| morning max el                   | -462 Aug 18 j 03:43                        | 0° <b>Ω</b> 40′25                       | 17°53'56          |                  |  |                       |               |
| morning set                      | -462 Sep 03 j 08:37                        | 25° <b>Ω</b> 58'39                      |                   | superior conj    | -461 Aug 27 j 08:18                        | 27° <b>Ω</b> 21'16    |               |
|                                  | -462 Sep 05 j 14:39                        | 0° <b>m</b>                             |                   | minimum elong    | -461 Aug 27 j 12:04                        |                       | 1°32'46       |
|                                  |  |   |                   |                  | -461 Aug 28 j 19:58                        | 0° <b>m</b> )         |               |
| superior conj                    | -462 Sep 14 j 13:30                        | 15° <b>m</b> 36'59                      | 1°08'56           | max. Earth dist. | -461 Sep 03 j 23:17                        | 10° m 35'43           | 1.41437 AU    |
| minimum elong                    | -462 Sep 14 j 18:35                        | 15° <b>m</b> 58'35                      | 1°08'21           | evening rise     | -461 Sep 09 j 07:45                        | 19° <b>m</b> 25'12    |               |
| max. Earth dist.                 | -462 Sep 21 j 14:23                        | 27° mp 18'34                            | 1.43162 AU        | desc. node       | -461 Sep 12 j 11:24                        | 24° Mp 27'07          |               |
|                                  | -462 Sep 23 j 06:17                        | 0∘ <b>ত</b>                             |                   |                  | -461 Sep 16 j 00:51                        | 0∘ <b>⊽</b>           |               |
| desc. node                       | -462 Sep 25 j 14:25                        | 3° <b>≏</b> 44'29                       |                   |                  | -461 Oct 07 j 06:27                        | 0° <b>M</b> ₊         |               |
| evening rise                     | -462 Sep 29 j 10:49                        | 9° <b>≏</b> 48'04                       |                   | evening max el   | -461 Oct 12 j 21:35                        |                       | 22°44'30      |
|                                  | -462 Oct 12 j 19:34                        | 0° <b>M</b>                             |                   | retrograde       | -461 Oct 22 j 19:14                        | 12°M15'55             |               |
| evening max el                   | -462 Oct 30 j 04:55                        | 22°M53'59                               | 21°26'53          | evening set      | -461 Oct 27 j 11:59                        | 10°M20'56             |               |
| retrograde                       | -462 Nov 08 j 00:18                        | 28°MJ08'07                              |                   | asc. node        | -461 Oct 30 j 11:22                        | 7° <b>ጤ</b> 11'19     |               |
| evening set                      | -462 Nov 12 j 04:32                        | 26°M₃30'51                              |                   | inferior conj    | -461 Nov 01 j 20:12                        | 4° <b>ጤ</b> 00'44     | 0°48'35       |
| asc. node                        | -462 Nov 12 j 14:20                        | 26°M₁10'43                              |                   | minimum elong    | -461 Nov 01 j 19:05                        | 4°ML04'35             | 0°48'07       |
| inferior conj                    | -462 Nov 17 j 13:09                        | 20°M16'14                               | 1°38'38           | min. Earth dist. | -461 Nov 01 j 15:55                        | 4°M15'30              | 0.67639 AU    |
| minimum elong                    | -462 Nov 17 j 11:05                        | 20°M23'24                               | 1°37'50           |                  | -461 Nov 04 j 21:54                        | 30° <b>₹</b> Ω        |               |
| min. Earth dist.                 | -462 Nov 17 j 19:30                        | 19°M54'22                               | 0.67470 AU        | morning rise     | -461 Nov 07 j 02:05                        | 27° <b>≏</b> 49'38    |               |
| morning rise                     | -462 Nov 22 j 17:29                        | 14°ML02'58                              |                   | direct           | -461 Nov 11 j 13:04                        | 26° <b>≏</b> 01'38    |               |
| direct                           | -462 Nov 27 j 19:19                        | 11°M52'28                               |                   |                  | -461 Nov 19 j 04:59                        | 0° <b>M</b> ₊         |               |
| morning max el                   | -462 Dec 08 j 03:23                        | 18° <b>M</b> ₊01'29                     | 23°21'18          | morning max el   | -461 Nov 20 j 16:14                        | 1°ML24'49             | 21°55'16      |
|                                  | -462 Dec 18 j 03:12                        | 0° <b>∡</b>                             |                   | desc. node       | -461 Dec 09 j 10:42                        | 26°ML06'13            |               |
| desc. node                       | -462 Dec 22 j 13:40                        | 6° <b>∡</b> 105'52                      |                   |                  | -461 Dec 12 j 01:34                        | 0° <b>∡</b> ¹         |               |
|                                  | -461 Jan 07 j 08:23                        | 0° <b>ろ</b>                             |                   | morning set      | -461 Dec 23 j 03:54                        | 17° <b>∡</b> 11'49    |               |
| morning set                      | -461 Jan 12 j 03:13                        | 7° <b>る</b> 52'46                       |                   | max. Earth dist. | -461 Dec 29 j 07:16                        | 27° <b>×</b> 13'40    | 1.41379 AU    |
| max. Earth dist.                 | -461 Jan 16 j 08:42                        | 15° <b>る</b> 07'00                      | 1.39302 AU        |                  | -461 Dec 30 j 22:56                        | 0°ಕ                   |               |
|                                  | 424 *                                      | •00-                                    | 1055105           |                  | 460 * 051111                               | 100-7                 | 2001:12       |
| superior conj                    | -461 Jan 23 j 22:37                        | 28° <b>る</b> 46'19                      |                   | superior conj    | -460 Jan 05 j 23:49                        | 10°る24'33             |               |
| minimum elong                    | -461 Jan 24 j 01:25<br>-461 Jan 24 j 14:26 | 28° <b>る</b> 59'19                      | 1°54'57           | minimum elong    | -460 Jan 05 j 23:41                        | 10°る23'58             | 2°01'14       |
|                                  |  | 0° <b>≈</b>                             |                   | evening rise     | -460 Jan 16 j 13:24                        | 29° <b>る</b> 36'34    |               |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -460 Jan 16 j 18:28 0°≈ superior conj -460 Dec 17 j 00:25 20° ₹ 52'21 -1°53'04 20°**х** 32′25 1°52′49 -460 Jan 26 j 10:41 17°≈08'18 -460 Dec 16 j 19:38 asc node minimum elong -460 Feb 01 j 22:09 25°≈40'49 18°13'03 -460 Dec 22 j 09:36 0°궁 evening max el -460 Feb 08 j 21:12 -460 Dec 29 j 04:30 11°る50'56 29° 20'40 retrograde evening rise -460 Feb 11 j 11:26 -459 Jan 08 j 18:24 evening set 28°≈42'23 0°≈ -459 Jan 12 j 07:43 -460 Feb 18 j 09:31 inferior conj 23°**≈**55'22 3°39'44 asc. node 5°≈11'58 minimum elong -460 Feb 18 j 11:44 23°≈50'25 3°39'30 evening max el -459 Jan 15 j 09:51 8°**≈**49'15 18°08'21 min. Earth dist. -460 Feb 21 j 17:38 20°≈57'38 0.60100 AU retrograde -459 Jan 21 j 23:02 12°≈14'37 morning rise -460 Feb 25 j 10:01 18°≈14'03 evening set -459 Jan 24 j 17:38 11°≈37'04 direct -460 Mar 03 j 00:45 16°≈11'36 inferior conj -459 Jan 31 j 02:58 6°**≈**29'13 3°51'53 desc. node -460 Mar 06 j 09:52 16°≈41'53 minimum elong -459 Jan 31 j 02:54 6°**≈**29'23 3°51'52 -460 Mar 17 j 07:12 morning max el 23°**≈**58′06 27°24'58 min. Earth dist. -459 Feb 03 j 00:16 3°**≈**33'23 0.62153 AU -460 Mar 22 j 18:21 0°**)**€ morning rise -459 Feb 06 j 11:01 0°≈34'21 -460 Apr 11 j 01:48  $0^{\circ}\Upsilon$ -459 Feb 07 j 07:04 30°Rる morning set -460 Apr 17 j 18:07 13°**Y**11'42 direct -459 Feb 13 j 10:45 28°る01'12 asc. node -460 Apr 23 j 10:00 25° Y 17'20 -459 Feb 20 j 01:34 0°≈ max. Earth dist. -460 Apr 24 j 05:42  $27^{\circ}$  $\Upsilon$ 05'04 1.32370 AU desc. node -459 Feb 21 j 06:55 0°≈44'36 27°46'46 morning max el -459 Feb 27 j 11:22 5°≈52'28 superior conj -460 Apr 24 j 21:59 28°**Ƴ**34'13 0°15'50 -459 Mar 17 j 16:48 0°**)**€ 28°**Y**30'20 minimum elong -460 Apr 24 j 21:16 0°15'40 morning set -459 Apr 01 j 21:36 27°**)**(40'33 behind sun begin -460 Apr 24 j 20:37 28°Y26'43 -459 Apr 03 j 00:49  $0^{\circ}\Upsilon$ behind sun end -460 Apr 24 j 21:56 28°Y33'56 max. Earth dist. -459 Apr 07 j 15:31 9°**Υ**44'29 1.32672 AU -460 Apr 25 i 13:37 0°8 evening rise -460 May 01 i 19:41 13°**8**32'32 superior conj -459 Apr 09 j 08:02 13°Y23'38 -0°10'08 -460 May 10 j 03:39  $\Pi$ °0 -459 Apr 09 i 08:31 13°**Y**26′13 0°10'02 minimum elong -460 May 29 j 12:26 27°II15'54 25°43'05 -459 Apr 09 j 04:30 13°Y04'26 evening max el behind sun begin -460 Jun 01 j 16:00 -459 Apr 09 j 12:32 13°Y48'02 000 behind sun end -460 Jun 02 j 09:05 -459 Apr 10 j 07:02 15°**Y**28'39 desc. node 0°932'18 asc. node -460 Jun 12 j 13:52 -459 Apr 16 j 07:22 28°Y27'54 4°9628'09 retrograde evening rise -460 Jun 18 j 11:13 -459 Apr 17 j 00:52 3°905'24  $0^{\circ}$ 8 evening set -460 Jun 23 j 00:46 -459 May 04 j 04:19 min. Earth dist. 0°9523'54 0.58465 AU  $0^{\circ}\Pi$ -460 Jun 23 j 14:25 -459 May 11 j 04:08 8°II05'04 24°16'16 30°R∏ evening max el -460 Jun 26 j 07:22 -459 May 20 j 06:07 28°**Ⅲ**02'12 -4°41'30 14°**Ⅱ**11'56 inferior conj desc. node -460 Jun 26 j 06:30 28° II 03'47 4°41'28 -459 May 25 j 01:17 15°**Ⅲ**04'29 minimum elong retrograde -460 Jul 04 j 04:20 -459 May 29 j 13:52 14°**Ⅱ**18'50 morning rise 23°**Ⅱ**40'49 evening set -460 Jul 06 j 16:48 -459 Jun 04 j 15:32 11°**Ц**18'58 0.56648 AU direct 23°**Ⅲ**20′27 min. Earth dist. -460 Jul 14 j 22:23 -459 Jun 07 j 06:31 morning max el 27°**Ⅱ**13'59 18°42'05 inferior conj 9°**I**39'51 -4°13'57 -460 Jul 17 j 11:55 0ಂತಾ minimum elong -459 Jun 07 j 01:08 9°II48'24 4°13'04 -460 Jul 20 j 09:13 3°953'12 morning rise -459 Jun 15 j 15:14 5°**Ⅲ**37′04 asc. node -460 Jul 31 j 07:09 23°9518'34 direct -459 Jun 18 j 05:46 5°**Ⅲ**18'52 morning set -460 Aug 03 j 17:31  $0^{\circ}\Omega$ morning max el -459 Jun 27 j 19:48 9°**耳**45'43 19°37'08 -459 Jul 07 j 06:17 22°**I**I24'52 asc. node -460 Aug 09 j 00:29 10°**Ω**09'27 1°45'04 -459 Jul 11 j 10:34 0ಂತಾ superior conj -460 Aug 09 j 02:02 10°Ω16'47 1°45'01 -459 Jul 15 j 08:29 7°9541'42 minimum elong morning set -460 Aug 16 j 02:59 23°**Ω**07'49 1.39461 AU max. Earth dist. -460 Aug 20 j 04:38 -459 Jul 23 i 08:28 evening rise  $0^{\circ}$  m 10'04superior conj 23°9545'56 1°47'08 -460 Aug 20 j 02:16 -459 Jul 23 i 08:04 0° m minimum elong 23°9543'56 1°47'09 -460 Aug 29 j 08:24 desc. node 15° m 02'13 -459 Jul 26 i 13:19  $0^{\circ}\Omega$ -460 Sep 08 j 10:20 0∘**⊽** max. Earth dist. -459 Jul 29 j 06:16 5°**Ω**07'07 1.37490 AU -460 Sep 24 j 10:28 19°**2**54'33 24°04'47 -459 Aug 02 j 01:58 12°Ω05'29 evening max el evening rise -460 Oct 05 j 10:45 26°**£**22'56 -459 Aug 12 j 17:32 0° m retrograde -460 Oct 10 j 17:30 24°**♀**10'00 -459 Aug 16 j 05:25 5° m 25'14 evening set desc. node -460 Oct 15 j 12:12 18°**△**37'31 0.67495 AU -459 Sep 03 j 13:49 min. Earth dist. 0∘Ω -460 Oct 16 j 02:45 -459 Sep 06 j 22:04 inferior conj 17° **△**48'14 -0°04'53 evening max el 3°**△**30'27 25°20'37 -460 Oct 16 j 02:52 minimum elong 17°**2**47'51 0°04'51 retrograde -459 Sep 18 j 21:54 10°**£**25'25 transit middle -460 Oct 16 j 02:52 17°**-**47'51 0°04'51 evening set -459 Sep 24 j 19:24 7°**£**56'03 -460 Oct 16 j 00:16 17°**£**56'39 min. Earth dist. -459 Sep 29 j 05:50 2°**£**58'50 0.67034 AU transit begin -460 Oct 16 j 05:28 -459 Sep 30 j 07:07 transit end 17°**♀**39'02 inferior conj 1°**2**36'44 -1°00'18 -460 Oct 16 j 08:25 -459 Sep 30 j 08:37 1°231'51 0°59'40 asc. node 17°**£**29'04 minimum elong -460 Oct 21 j 12:13 -459 Oct 01 j 13:18 morning rise 11°**≏**41'49 30°R, Mp -460 Oct 25 j 09:47 direct 10°**£**15′16 asc. node -459 Oct 03 j 05:29 28° Mp 01'25 morning rise morning max el -460 Nov 02 j 11:40 14°**£**56'50 20°37'34 -459 Oct 05 j 21:58 25° m 37'59 -460 Nov 14 j 06:18 0°M direct -459 Oct 09 j 08:08 24° m 30'10 desc. node -460 Nov 25 j 07:44 16°M24'33 morning max el -459 Oct 16 j 14:45 28°**m** 38'41 19°32'42 morning set -460 Dec 01 j 05:01 25°M27'42 -459 Oct 17 j 21:16 0∘**⊽** -460 Dec 04 j 02:43 0°×7 -459 Nov 07 j 17:31 0°M

-459 Nov 10 j 03:40

3°ML45'09

max. Earth dist.

-460 Dec 10 j 12:57

10°**∡**13'59 1.43161 AU

morning set

| ,                | ,  |                                   |            | //                     | 901 BCE in historical cou                  | , ,  | 50 231       |
|------------------|--|-----------------------------------|------------|------------------------|--|--|--------------|
| desc. node       | -459 Nov 12 j 04:44                        | 6°M55'37                          |            | superior conj          | -458 Nov 06 j 00:50                        | 8°M32'59   | -0°44'27     |
| max. Earth dist. | -459 Nov 23 j 02:08                        | 24°M00'14                         | 1.44418 AU | minimum elong          | -458 Nov 05 j 19:08                        | 8°M10'32   | 0°43'44      |
|                  | ,  |                                   |            | max. Earth dist.       | -458 Nov 05 j 20:10                        | 8°M14'36   | 1.44989 AU   |
| superior conj    | -459 Nov 26 j 22:07                        | 0° <b>∡</b> ¹06'38                | -1°27'00   |                        | -458 Nov 19 j 14:13                        | 0° <b>∡</b> ¹  |              |
| minimum elong    | -459 Nov 26 j 14:00                        | 29°M34'08                         | 1°26'13    | evening rise           | -458 Nov 21 j 19:44                        | 3° <b>∡</b> ³33'51   |              |
|                  | -459 Nov 26 j 20:28                        | 0°⊀                               |            |                        | -458 Dec 08 j 19:54                        | ರ°0  |              |
| evening rise     | -459 Dec 10 j 23:43                        | 23° <b>∡</b> 11′22                |            | evening max el         | -458 Dec 13 j 09:11                        | 5° <b>る</b> 33'28  | 18°54'32     |
|                  | -459 Dec 15 j 01:03                        | ರ°0                               |            | asc. node              | -458 Dec 17 j 01:50                        | 8° <b>ප</b> 32'00  |              |
| evening max el   | -459 Dec 29 j 22:23                        | 22° <b>る</b> 08'22                | 18°22'32   | retrograde             | -458 Dec 20 j 04:55                        | 9° <b>ට</b> 25'11  |              |
| asc. node        | -459 Dec 30 j 04:46                        | 22° <b>る</b> 24'21                |            | evening set            | -458 Dec 23 j 09:55                        | 8° <b>る</b> 25'55  |              |
| retrograde       | -458 Jan 05 j 10:52                        | 25° <b>⋜</b> 41'39                |            | inferior conj          | -458 Dec 29 j 02:53                        | 2° <b>る</b> 41'18  |              |
| evening set      | -458 Jan 08 j 10:10                        | 24° <b>る</b> 53'49                |            | minimum elong          | -458 Dec 29 j 00:15                        | 2° <b>る</b> 49'28  | 3°19'55      |
| inferior conj    | -458 Jan 14 j 09:58                        | 19° <b>る</b> 26'27                | 3°43'30    | min. Earth dist.       | -458 Dec 30 j 17:59                        | 0° <b>ප්</b> 40'16   | 0.65438 AU   |
| minimum elong    | -458 Jan 14 j 08:13                        | 19° <b>る</b> 31'25                | 3°43'18    |                        | -458 Dec 31 j 07:19                        | 30°₽ <b>⋌</b>  |              |
| min. Earth dist. | -458 Jan 16 j 16:19                        | 16° <b>ප</b> 52'11                | 0.63973 AU | morning rise           | -457 Jan 03 j 14:17                        | 26° <b>∡</b> ³32'14  |              |
| morning rise     | -458 Jan 20 j 05:42                        | 13° <b>පි</b> 23'03               |            | direct                 | -457 Jan 10 j 04:30                        | 23° <b>∡</b> ¹41'04  |              |
| direct           | -458 Jan 27 j 04:20                        | 10° <b>ප</b> 33'31                |            |                        | -457 Jan 21 j 20:59                        | 0°₹  |              |
| desc. node       | -458 Feb 08 j 03:58                        | 16° <b>ප්</b> 47'38               |            | morning max el         | -457 Jan 23 j 05:21                        | 1° <b>る</b> 18'34  | 26°45'43     |
| morning max el   | -458 Feb 09 j 19:34                        | 18° <b>පි</b> 22'30               | 27°32'09   | desc. node             | -457 Jan 26 j 01:01                        | 4° <b>る</b> 18'01  |              |
|                  | -458 Feb 19 j 15:27                        | 0° <b>≈</b>                       |            |                        | -457 Feb 13 j 17:23                        | 0° <b>≈</b>  |              |
|                  | -458 Mar 10 j 13:41                        | 0° <b>ℋ</b>                       |            | morning set            | -457 Feb 28 j 02:59                        | 25° <b>≈</b> 08'16   |              |
| morning set      | -458 Mar 16 j 17:39                        | 11° <b>)</b> 42'46                |            |                        | -457 Mar 02 j 15:19                        | 0° <b>∀</b>  |              |
| max. Earth dist. | -458 Mar 21 j 18:30                        | 21° <b>)</b> € 57'53              | 1.33379 AU | max. Earth dist.       | -457 Mar 04 j 11:10                        | 3° <b>)</b> (37′16   | 1.34525 AU   |
| superior conj    | -458 Mar 24 j 14:38                        | 27° <b>)</b> 57'41                | -0°36'48   | superior conj          | -457 Mar 08 j 15:41                        | 12° <b>∺</b> 09'59   | -1°03'00     |
| minimum elong    | -458 Mar 24 j 16:24                        | 28° <b>)</b> €07'03               | 0°36'26    | minimum elong          | -457 Mar 08 j 18:37                        | 12° <b>¥</b> 25′13   |              |
|                  | -458 Mar 25 j 13:32                        | $_{0}$ $^{\circ}$ $\gamma$        |            | asc. node              | -457 Mar 15 j 01:08                        | 25° <b>)</b> 33′58   |              |
| asc. node        | -458 Mar 28 j 04:05                        | 5° <b>Ƴ</b> 35'34                 |            | evening rise           | -457 Mar 16 j 04:21                        | 27° <b>¥</b> 55'41   |              |
| evening rise     | -458 Mar 31 j 18:52                        | 13° <b>Υ</b> 17'39                |            | <i>8</i>               | -457 Mar 17 j 04:27                        | 0° <b>Y</b>  |              |
| <i>8</i>         | -458 Apr 09 j 07:35                        | 0°8                               |            | evening max el         | -457 Apr 04 j 18:09                        | 29° <b>Y</b> ′31′06  | 21°11'23     |
| evening max el   | -458 Apr 22 j 19:47                        | 18° <b>8</b> 40'21                | 22°41'02   | <i>5</i>               | -457 Apr 05 j 06:25                        | 0°8  |              |
| retrograde       | -458 May 05 j 23:42                        | 25° <b>8</b> 10'29                |            | retrograde             | -457 Apr 16 j 13:42                        | 5° <b>8</b> 14'43  |              |
| desc. node       | -458 May 07 j 03:10                        | 25° <b>8</b> 07'34                |            | evening set            | -457 Apr 18 j 21:22                        | 5° <b>8</b> 02'14  |              |
| evening set      | -458 May 09 j 03:31                        | 24° <b>8</b> 48'37                |            | desc. node             | -457 Apr 24 j 00:13                        | 3° <b>8</b> 18'05  |              |
| min. Earth dist. | -458 May 17 j 04:16                        |                                   | 0.55406 AU | inferior conj          | -457 Apr 28 j 05:38                        | 1° <b>8</b> 02'56  | -1°12'13     |
| inferior conj    | -458 May 18 j 11:03                        | 20° <b>8</b> 34'35                |            | minimum elong          | -457 Apr 28 j 02:14                        | 1° <b>8</b> 07'44  |              |
| minimum elong    | -458 May 18 j 04:01                        | 20° <b>8</b> 44'39                |            | min. Earth dist.       | -457 Apr 28 j 17:11                        | 0° <b>8</b> 46'39  | 0.55013 AU   |
| morning rise     | -458 May 27 j 06:40                        | 16° <b>8</b> 40'35                | 2 0 , . ,  | min. Burui dige.       | -457 Apr 30 j 02:39                        | 30°R <b>Y</b>  | 0.00013110   |
| direct           | -458 May 30 j 01:11                        | 16° <b>8</b> 22'44                |            | morning rise           | -457 May 07 j 07:13                        | 27° <b>Υ</b> ′00'08  |              |
| morning max el   | -458 Jun 10 j 06:17                        | 21° <b>8</b> 35'37                | 20°52'40   | direct                 | -457 May 10 j 11:33                        | 26° <b>Y</b> 38'13   |              |
| morning max cr   | -458 Jun 17 j 06:44                        | 0°Ⅱ                               | 20 32 10   | unect                  | -457 May 19 j 22:24                        | 0°8  |              |
| asc. node        | -458 Jun 24 j 03:20                        | 11° <b>Ⅲ</b> 30′25                |            | morning max el         | -457 May 23 j 06:10                        | 2° <b>8</b> 43'44  | 22°25'00     |
| morning set      | -458 Jun 29 j 15:18                        | 22° <b>I</b> I22'40               |            | morning max cr         | -457 Jun 10 j 12:03                        | 0°Ⅱ  | 22 23 00     |
| morning set      | -458 Jul 03 j 07:31                        | 0°95                              |            | asc. node              | -457 Jun 11 j 00:23                        | 1° <b>Ⅱ</b> 01'22  |              |
|                  | 130 Jul                                    | ů <b>C</b>                        |            | morning set            | -457 Jun 14 j 01:31                        | 7° <b>Ⅱ</b> 15'18  |              |
| superior conj    | -458 Jul 07 j 03:37                        | 7° <b>9</b> 56'54                 | 1°41'27    | morning sec            | 157 Juli 11 j 01.51                        | , 11310  |              |
| minimum elong    | -458 Jul 07 j 01:53                        | 7°5051                            | 1°41'21    | superior conj          | -457 Jun 21 j 06:26                        | 22° <b>I</b> [31'52  | 1°29'43      |
| max. Earth dist. | -458 Jul 11 j 15:00                        | 16°957'16                         | 1.35731 AU | minimum elong          | -457 Jun 21 j 04:02                        | 22° <b>I</b> 19'10   | 1°29'27      |
| evening rise     | -458 Jul 15 j 19:24                        | 24°959'56                         | 1.55751110 | max. Earth dist.       | -457 Jun 24 j 08:37                        | 28° <b>∏</b> 59'44   | 1.34317 AU   |
| - ,              | -458 Jul 18 j 12:32                        | 0°Ω                               |            | ui ui uist.            | -457 Jun 24 j 20:20                        | 0°95   | 1.5 .51, 110 |
| desc. node       | -458 Aug 03 j 02:28                        | 25° <b>Ω</b> 29'58                |            | evening rise           | -457 Jun 29 j 04:02                        | 8° <b>5</b> 40'01  |              |
| desc. Hode       | -458 Aug 06 j 05:50                        | 0°m                               |            | evening rise           | -457 Jul 11 j 00:34                        | 0° <b>Ω</b>  |              |
| evening max el   | -458 Aug 20 j 09:48                        | 17° <b>m</b> ) 06'38              | 26°24'19   | desc. node             | -457 Jul 20 j 23:31                        | 15° <b>Ω</b> 07'55   |              |
| retrograde       | -458 Sep 02 j 04:06                        | 24° mp 18'08                      | 20 241)    | dese. Hode             | -457 Aug 02 j 07:37                        | 0° m)  |              |
| evening set      | -458 Sep 02 j 04:00                        | 21° m/ 36'29                      |            | evening max el         | -457 Aug 02 j 21:34                        | 0° mp 33'54  | 27°08'11     |
| min. Earth dist. | -458 Sep 12 j 18:23                        | -                                 | 0.66231 AU | retrograde             | -457 Aug 16 j 05:00                        | 7° m <sub>0</sub> 53'07  | 27 00 11     |
| inferior conj    | -458 Sep 14 j 07:24                        | 15° m 23'31                       |            | evening set            | -457 Aug 23 j 03:50                        | 5° m) 06'53  |              |
| minimum elong    | -458 Sep 14 j 07.24<br>-458 Sep 14 j 10:19 | 15° Mp 14'37                      |            | min. Earth dist.       | -457 Aug 26 j 23:31                        | 1° Mg 24'05  | 0.65064 AU   |
| morning rise     | -458 Sep 20 j 05:19                        | 9° TQ 35'36                       | 1 JT #7    | mm. Darm uist.         | -457 Aug 28 j 05:32                        | 1 11/24 03<br>30°RΩ  | 0.05004 AU   |
| asc. node        | -458 Sep 20 j 02:32                        | 9° m 39'38                        |            | inferior conj          | -457 Aug 28 j 03:32<br>-457 Aug 29 j 01:24 | 30 κδι<br>29° <b>Ω</b> 03'47   | -2°40'40     |
| direct           | -458 Sep 20 j 02:32<br>-458 Sep 23 j 06:16 | 8° Mp 43'09                       |            | minimum elong          | -457 Aug 29 j 05:30                        | $29^{\circ}03^{\circ}47$<br>$28^{\circ}03^{\circ}47$                   |              |
|                  |  | -                                 | 180/2/10   | _                      | -457 Sep 04 j 07:52                        | $28^{\circ} 0.52^{\circ} 15$<br>$23^{\circ} 0.29^{\circ} 55$           | Z 40 ZU      |
| morning max el   | -458 Sep 30 j 00:31                        | 12° <b>™</b> 28'26<br>0° <b>≏</b> | 18°43'10   | morning rise asc. node | 1 2  | 23° <b>λ(</b> 29'55)<br>22° <b>Ω</b> 49'21                             |              |
| morning set      | -458 Oct 12 j 15:53                        |                                   |            |                        | -457 Sep 06 j 23:36                        | $22^{\circ} \Omega 49^{\circ} 21$<br>$22^{\circ} \Omega 49^{\circ} 18$ |              |
| morning set      | -458 Oct 20 j 22:50                        | 13° <b>Ω</b> 08'51                |            | direct                 | -457 Sep 07 j 01:56                        |  | 18°10'09     |
| desc. node       | -458 Oct 30 j 01:46                        | 27° <b>Ω</b> 35'41                |            | morning max el         | -457 Sep 13 j 14:36                        | 26° <b>Ω</b> 20'31   | 10 1009      |
|                  | -458 Oct 31 j 14:25                        | 0° <b>M</b> ₊                     |            | morning set            | -457 Sep 16 j 17:55                        | 0°M)<br>23°M,56/26   |              |
|                  |  |                                   |            | morning set            | -457 Oct 01 j 22:27                        | 23° Mp 56'26   |              |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -457 Oct 05 j 14:25 0∘**⊽** morning set -456 Sep 12 j 23:37 5° m 57'41 -457 Oct 16 j 04:41 17°**2**08'41 0°04'59 -456 Sep 25 j 05:15 0°48'58 26° Mp 47'49 superior conj superior conj -457 Oct 16 j 05:19 -456 Sep 25 j 09:54 27° m 07'01 0°48'22 17°**£**11'09 0°04'54 minimum elong minimum elong -457 Oct 15 j 18:52 -456 Sep 27 j 04:01 behind sun begin 16°**≏**29'36 0∘ಹ -457 Oct 16 j 15:45 -456 Oct 01 j 07:23 6°**£**42′02 behind sun end 17°**£**52'39 max. Earth dist. 1.43944 AU -457 Oct 16 j 22:49 -456 Oct 02 j 19:51 desc. node 18°**♀**20'43 desc. node 9°**£**07'38 -457 Oct 19 j 14:58 max. Earth dist. 22°**₽**34'38 1.44818 AU evening rise -456 Oct 11 j 00:18 21°**£**56'45  $0^{\circ}$ M -457 Oct 24 j 08:22 0°M -456 Oct 16 j 06:35 evening rise -457 Nov 01 j 16:54 13°ML00'57 -456 Nov 06 j 11:37 0°×7 -457 Nov 12 j 17:26 0°⊀ evening max el -456 Nov 08 j 17:39 2°**҂**28'38 20°45'42 greatest brilliancy -457 Nov 14 j 09:32 2°**∡**³31′29 -0.7m retrograde -456 Nov 16 j 23:35 7°**∡**¹21'27 evening max el -457 Nov 26 j 16:04 19°**х** 00′34 19°43'00 asc. node -456 Nov 19 j 19:53 6°**∡**³35'22 evening set asc. node -457 Dec 03 j 22:52 23°**х¹**19'28 -456 Nov 20 j 21:21 5°**х** 54′02 retrograde -457 Dec 04 j 01:58 23°**х** 19'34 inferior conj -456 Nov 26 j 06:53 29°**™**44'14 2°05'17 evening set -457 Dec 07 j 14:21 22°**₹**07'11 minimum elong -456 Nov 26 j 04:24 29°M52'42 2°04'25 inferior conj -457 Dec 13 j 02:40 16°**₰**08'19 2°46'48 -456 Nov 26 j 02:15 30°RM minimum elong -457 Dec 12 j 23:51 16°**∡**17'38 2°45'59 min. Earth dist. -456 Nov 26 j 19:47 29°M00'11 0.67226 AU min. Earth dist. -457 Dec 14 j 03:52 14°**∡** 45′22 0.66519 AU morning rise -456 Dec 01 j 11:15 23°M30'27 9°**∡**¹55'48 morning rise -457 Dec 18 j 09:08 direct -456 Dec 06 j 21:54 21°M07'20 direct -457 Dec 24 j 10:34 7°**∡**14'44 morning max el -456 Dec 17 j 22:55 27°M42'41 24°11'37 morning max el -456 Jan 05 i 14:31 14°**₹**27'59 25°35'33 -456 Dec 20 i 02:48 0° **₹** desc. node -456 Jan 12 j 22:03 22°×749'57 desc. node -456 Dec 29 i 19:06 12°**₹**05'46 -456 Jan 18 i 07:58 0°정 -455 Jan 11 i 00:53 0°궁 -456 Feb 06 j 12:50 0°≈ morning set -455 Jan 22 j 17:52 19°る12'32 -456 Feb 10 j 21:01 max. Earth dist. -455 Jan 26 j 12:00 25°る49'49 1.38081 AU 7°≈43'33 morning set -456 Feb 14 j 15:54 -455 Jan 28 j 19:08 max Farth dist 14°≈46′10 1.36117 AU 0°≈≈ -456 Feb 20 j 08:30 -455 Feb 02 j 13:40 8°≈56'43 -1°46'54 superior conj 25°≈52'37 -1°27'08 superior conj -456 Feb 20 j 12:13 -455 Feb 02 j 17:13 minimum elong 26°≈11'09 1°26'38 minimum elong 9°≈13'43 1°46'36 -456 Feb 22 j 09:38 0°**)**€ -455 Feb 11 j 08:44 26°≈10'00 evening rise -455 Feb 13 j 07:41 -456 Feb 28 j 09:46 0°) 12°**₩**15'17 evening rise -456 Feb 29 j 22:12 15°**¥** 19′03 -455 Feb 15 j 19:14 4° \ 45'23 asc. node asc. node -456 Mar 08 j 20:12  $0^{\circ}\Upsilon$ -455 Feb 27 j 23:29 23°\(\overline{\pi}\) 00'02 19°00'38 evening max el -456 Mar 17 j 03:23 10°**Y**56′29 -455 Mar 08 j 12:10 evening max el 19°56'35 retrograde 27°**米**06'31 -456 Mar 27 j 06:03 15°**Y**47'17 -455 Mar 10 j 18:48 retrograde evening set 26°\ 50'11 -456 Mar 29 j 08:59 15°**Y**35'24 -455 Mar 18 j 19:48 evening set inferior conj 22°**)** 35'38 2°20'43 -456 Apr 07 j 04:34 11°**Y**34'56 0°45'36 minimum elong -455 Mar 19 j 00:12 22°\\\27'54 2°19'31 inferior conj -456 Apr 07 j 06:32 11°**Υ**31'55 0°44'54 min. Earth dist. -455 Mar 21 j 23:14 20°**)** €24'13 0.56971 AU minimum elong min. Earth dist. -456 Apr 09 j 07:22 10°**Y**17'32 0.55572 AU morning rise -455 Mar 27 j 02:36 17°**¥**33'15 -456 Apr 09 j 21:13 9°**Y**56'58 desc. node -455 Mar 27 j 18:16 17°**¥**18′26 desc. node -456 Apr 16 j 01:52 7°Υ05'13 -455 Apr 01 j 06:59 16°**¥**29'30 morning rise direct -456 Apr 20 j 02:42 6°Y29'18 -455 Apr 15 j 13:33 23°¥53'01 25°41'06 direct morning max el -456 May 03 j 22:46 13° Y 21'53 24° 05'41 -455 Apr 21 j 02:33  $0^{\circ}\Upsilon$ morning max el -456 May 16 j 18:38  $0^{\circ}$ 8 -455 May 09 j 12:53  $0^{\circ}$ 8 -456 May 27 j 21:27 20°850'50 asc. node morning set -455 May 13 i 01:05 7°812'12 morning set -456 May 28 i 13:21 22°814'03 asc. node -455 May 14 j 18:30 10°852'15 -456 Jun 01 j 04:32  $0^{\circ}II$ superior conj -455 May 20 i 00:58 22°**8**20'24 0°53'07 -456 Jun 04 j 14:17 7°II22'30 1°13'17 minimum elong -455 May 19 j 22:53 22°**8**09'00 0°52'44 superior conj -456 Jun 04 j 11:48 7°**II**09'05 1°12'54 max. Earth dist. -455 May 20 j 20:47 24°808'44 1.32645 AU minimum elong -456 Jun 06 j 11:22 11°**I**I24'48 1.33288 AU -455 May 23 j 13:35  $0^{\circ}II$ max. Earth dist. -456 Jun 11 j 23:38 22°**Ⅲ**53'49 -455 May 27 j 02:47 7°**Ⅲ**29'37 evening rise evening rise -456 Jun 15 j 14:13 0000 -455 Jun 08 j 01:39 000 -456 Jul 03 j 18:10  $0^{\circ}\Omega$ desc. node -455 Jun 23 j 17:33 22°9513'04 4°**Ω**07'55 desc. node -456 Jul 06 j 20:32 evening max el -455 Jun 27 j 15:05 26°516'34 27°11'01 -456 Jul 15 j 08:05 13°**Ω**41'39 27°25'23 -455 Jul 02 j 02:15 0 $\circ$  $\Omega$ evening max el -456 Jul 29 j 00:10 21°Ω01'59 -455 Jul 11 j 12:32 retrograde retrograde 3°**£**34′20 -456 Aug 05 j 04:47 18°**Ω**22'40 -455 Jul 18 j 14:26 evening set evening set 1°**Ω**15'52 -456 Aug 08 j 19:27 -455 Jul 20 j 09:16 min. Earth dist. 15°**Ω**13'01 0.63534 AU 30°Rூ -455 Jul 22 j 05:13 inferior conj -456 Aug 11 j 10:35 12°**Ω**32'40 -3°38'47 min. Earth dist. 28°529'43 0.61684 AU minimum elong -456 Aug 11 j 15:15 12°**Ω**20'47 3°37'33 inferior conj -455 Jul 25 j 07:47 25°5642'00 -4°18'11 minimum elong morning rise -456 Aug 18 j 02:49 7°**Ω**15'55 -455 Jul 25 j 11:49 25°932'55 4°17'31 direct -456 Aug 20 j 16:28 6°**Ω**43'51 morning rise -455 Aug 01 j 10:42 20°9545'16 asc. node -456 Aug 23 j 20:38 7°**£**33′26 direct -455 Aug 03 j 22:24 20°9519'03 -456 Aug 27 j 06:18 10° **Ω**09'22 17°54'33 -455 Aug 10 j 17:41 morning max el asc. node 23°9540'04

-455 Aug 10 j 20:40

23°547'16 17°57'24

morning max el

-456 Sep 09 j 13:20

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 239 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom    | ical year style is used: The               | -                                 | astronomical cou | unting style is the year          | 901 BCE in historical cou                  |  |             |
|------------------------|--|-----------------------------------|------------------|-----------------------------------|--|--|-------------|
|                        | -455 Aug 15 j 20:21                        | $0^{\circ}\Omega$                 |                  |                                   | -454 Aug 08 j 22:48                        | $0^{\circ}\Omega$                        |             |
| morning set            | -455 Aug 26 j 20:20                        | 18° <b>Ω</b> 55'06                |                  | morning set                       | -454 Aug 10 j 07:14                        | 2° <b>Ω</b> 34'00                        |             |
|                        | -455 Sep 01 j 23:06                        | 0°Щ                               |                  |                                   |  |  |             |
|                        |  |                                   |                  | superior conj                     | -454 Aug 19 j 13:47                        | 20° <b>Ω</b> 00'58                       | 1°39'31     |
| superior conj          | -455 Sep 06 j 09:12                        | 7° <b>™</b> 47'46                 | 1°20'46          | minimum elong                     | -454 Aug 19 j 16:38                        | 20° <b>Ω</b> 14'01                       | 1°39'20     |
| minimum elong          | -455 Sep 06 j 13:58                        |                                   | 1°20'16          |                                   | -454 Aug 25 j 03:44                        | 0° <b>m</b>                              |             |
| max. Earth dist.       | -455 Sep 13 j 19:20                        | 20° m 21'11                       | 1.42483 AU       | max. Earth dist.                  | -454 Aug 27 j 02:12                        | -  | 1.40621 AU  |
| desc. node             | -455 Sep 19 j 16:52                        | 29° m 52'55                       |                  | evening rise                      | -454 Aug 31 j 18:01                        | 11° mp 10'54                             |             |
|                        | -455 Sep 19 j 18:39                        | 0∘ <b>⊽</b>                       |                  | desc. node                        | -454 Sep 06 j 13:52                        | 20° m 33'04                              |             |
| evening rise           | -455 Sep 20 j 11:28                        | 1° <b>Ω</b> 06'29                 |                  |                                   | -454 Sep 12 j 17:54                        | 0∘ <b>亚</b>                              | 2221014     |
|                        | -455 Oct 09 j 20:01                        | 0°M                               | 21050115         | evening max el                    | -454 Oct 05 j 04:24                        | 29° <b>£</b> 28'05                       | 23°18'44    |
| evening max el         | -455 Oct 22 j 13:29                        | 15°M57'32                         | 21°59'15         |                                   | -454 Oct 05 j 17:19                        | 0°M                                      |             |
| retrograde             | -455 Oct 31 j 19:49                        | 21°M28'02                         |                  | retrograde                        | -454 Oct 15 j 13:17                        | 5°M36'10                                 |             |
| evening set            | -455 Nov 05 j 05:07                        | 19°M43'34                         |                  | evening set                       | -454 Oct 20 j 11:56                        | 3°M33'27                                 |             |
| asc. node              | -455 Nov 06 j 16:55                        | 18°M20'00                         | 1017155          | 1                                 | -454 Oct 23 j 18:34                        | 30°R <u>Ω</u>                            |             |
| inferior conj          | -455 Nov 10 j 13:25                        | 13°M26'21                         | 1°17'55          | asc. node                         | -454 Oct 24 j 13:57                        | 28° <b>£</b> 56'16                       | 0926115     |
| minimum elong          | -455 Nov 10 j 11:42                        | 13°M32'16                         | 1°17'14          | inferior conj                     | -454 Oct 25 j 20:27<br>-454 Oct 25 j 19:50 | 27° <b>£</b> 12'21                       | 0°26'15     |
| min. Earth dist.       | -455 Nov 10 j 15:15                        | 13°M20'01                         | 0.67586 AU       | minimum elong<br>min. Earth dist. |  | 27° <b>Ω</b> 14'28                       | 0°25'58     |
| morning rise<br>direct | -455 Nov 15 j 18:08                        | 7°M13'39<br>5°M12'25              |                  |                                   | -454 Oct 25 j 11:49                        | 27° <b>△</b> 42'00<br>21° <b>△</b> 03'07 | 0.67624 AU  |
|                        | -455 Nov 20 j 13:38<br>-455 Nov 30 j 08:59 | 11°ML01'37                        | 22042157         | morning rise<br>direct            | -454 Oct 31 j 03:39                        | 21 <b>2</b> 03 07<br>19° <b>2</b> 24'26  |             |
| morning max el         | ·  | 0° <b>√</b>                       | 22 43 37         |                                   | -454 Nov 04 j 08:48<br>-454 Nov 13 j 00:20 | 19 <b>≗</b> 24 20<br>24° <b>£</b> 28'21  | 21920151    |
| desc. node             | -455 Dec 15 j 08:36                        | 0 <b>x</b> .<br>1° <b>x</b> 52'50 |                  | morning max el                    | •  | 0°M                                      | 21 20 31    |
| morning set            | -455 Dec 16 j 16:08<br>-454 Jan 03 j 11:29 | 29° <b>₹</b> 20'06                |                  | desc. node                        | -454 Nov 17 j 20:32<br>-454 Dec 03 j 13:08 | 22°M01'42                                |             |
| morning set            | -454 Jan 03 j 21:10                        | 29 <b>メ</b> ・2000                 |                  | desc. node                        | -454 Dec 08 j 19:19                        | 0° <b>×</b> 7                            |             |
| max. Earth dist.       | -454 Jan 08 j 07:43                        |                                   | 1.40205 AU       | morning set                       | -454 Dec 14 j 00:29                        | 8° <b>∡</b> ¹06'48                       |             |
| max. Earm dist.        | -434 Jan 08 J 07.43                        | / 02/08                           | 1.40203 AU       | max. Earth dist.                  | -454 Dec 21 j 09:44                        | 19° 🖈 59'33                              | 1.42196 AU  |
| superior conj          | -454 Jan 16 j 02:41                        | 21° <b>ප</b> 10'55                | 1950'00          | max. Earth dist.                  | -454 Dec 27 j 09:11                        | 0°る                                      | 1.42190 AU  |
| minimum elong          | -454 Jan 16 j 04:29                        | 21° <b>ठ</b> 10'33                |                  |                                   | -434 DCC 27 J 09.11                        | 0 0                                      |             |
| minimum ciong          | -454 Jan 20 j 21:12                        | 21 <b>⊙</b> 1910                  | 1 39 00          | superior conj                     | -454 Dec 28 j 18:00                        | 2° <b>පි</b> 20'37                       | 1°50'47     |
| evening rise           | -454 Jan 25 j 22:18                        | 0 ∞<br>9°≈32'44                   |                  | minimum elong                     | -454 Dec 28 j 16:00                        | 2°る12'04                                 |             |
| asc. node              | -454 Feb 02 j 16:15                        | 23°≈46'41                         |                  | evening rise                      | -453 Jan 08 j 22:48                        | 22° <b>ප</b> 14'34                       | 1 39 44     |
| asc. node              | -454 Feb 06 j 14:06                        | 0° <b>)</b> €                     |                  | evening rise                      | -453 Jan 13 j 05:51                        | 0°≈                                      |             |
| evening max el         | -454 Feb 11 j 04:04                        | 5° <b>)</b> 35′54                 | 18°24'40         | asc. node                         | -453 Jan 20 j 13:18                        | 12°≈14'06                                |             |
| retrograde             | -454 Feb 18 j 13:18                        | 9° <b>H</b> 14'18                 | 10 24 40         | evening max el                    | -453 Jan 25 j 13:58                        | 18° <b>≈</b> 34'19                       | 18°08'38    |
| evening set            | -454 Feb 21 j 01:03                        | 8° <b>)</b> 50'41                 |                  | retrograde                        | -453 Feb 01 j 07:31                        | 22°≈00'39                                | 10 00 30    |
| inferior conj          | -454 Feb 28 j 08:02                        | 4° <b>)</b> €15'46                | 3°20'30          | evening set                       | -453 Feb 03 j 23:41                        | 21°≈28'26                                |             |
| minimum elong          | -454 Feb 28 j 11:31                        | 4° <b>)</b> €08'37                |                  | inferior conj                     | -453 Feb 10 j 15:53                        | 16°≈32'05                                | 3°47'50     |
| min. Earth dist.       | -454 Mar 03 j 18:26                        |                                   | 0.58900 AU       | minimum elong                     | -453 Feb 10 j 17:05                        | 16°≈29'13                                |             |
| min. Barur dige.       | -454 Mar 05 j 18:54                        | 30°R≈                             | 0.00000110       | min. Earth dist.                  | -453 Feb 13 j 20:02                        |  | 0.60994 AU  |
| morning rise           | -454 Mar 07 j 19:33                        | 28° <b>≈</b> 46'22                |                  | morning rise                      | -453 Feb 17 j 08:55                        | 10° <b>≈</b> 44'14                       | 0.0033 1110 |
| direct                 | -454 Mar 14 j 00:26                        | 27°≈05'35                         |                  | direct                            | -453 Feb 24 j 04:43                        | 8° <b>≈</b> 27'41                        |             |
| desc. node             | -454 Mar 14 j 15:18                        | 27°≈06'35                         |                  | desc. node                        | -453 Mar 01 j 12:20                        | 9° <b>≈</b> 42'51                        |             |
|                        | -454 Mar 22 j 12:49                        | 0° <b>)</b> €                     |                  | morning max el                    | -453 Mar 10 j 09:03                        | 16°≈16'12                                | 27°38'52    |
| morning max el         | -454 Mar 28 j 08:06                        | 4° <b>)</b> (45′21                | 26°56'00         |                                   | -453 Mar 21 j 16:06                        | 0° <b>)</b> €                            |             |
| 5 5                    | -454 Apr 15 j 21:01                        | $_{0}^{\circ}\gamma$              |                  |                                   | -453 Apr 08 j 09:24                        | $_{0}$ $^{\circ}$ $\gamma$               |             |
| morning set            | -454 Apr 27 j 11:07                        | 22° <b>Υ</b> 04'11                |                  | morning set                       | -453 Apr 11 j 17:35                        | 6° <b>Ƴ</b> 43'18                        |             |
| S                      | -454 May 01 j 04:20                        | 0°8                               |                  | max. Earth dist.                  | -453 Apr 17 j 21:37                        | 19° <b>Ƴ</b> 50'30                       | 1.32456 AU  |
| asc. node              | -454 May 01 j 15:33                        | 1° <b>8</b> 00'56                 |                  |                                   | . ,  |  |             |
|                        | , ,  |                                   |                  | superior conj                     | -453 Apr 18 j 23:50                        | 22° <b>Ƴ</b> 13'31                       | 0°04'58     |
| superior conj          | -454 May 04 j 12:42                        | 7° <b>8</b> 19'27                 | 0°30'05          | minimum elong                     | -453 Apr 18 j 23:36                        | 22° <b>Ƴ</b> 12'17                       | 0°04'56     |
| minimum elong          | -454 May 04 j 11:25                        | 7° <b>8</b> 12'19                 | 0°29'49          | behind sun begin                  | -453 Apr 18 j 18:46                        | 21° <b>Y</b> 45'51                       |             |
| max. Earth dist.       | -454 May 04 j 09:29                        | 7° <b>8</b> 01'47                 | 1.32371 AU       | behind sun end                    | -453 Apr 19 j 04:26                        | 22° <b>Y</b> 38'43                       |             |
| evening rise           | -454 May 11 j 10:56                        | 22° <b>8</b> 18'49                |                  | asc. node                         | -453 Apr 18 j 12:37                        | 21° <b>Y</b> 12'14                       |             |
| -                      | -454 May 15 j 05:09                        | $\Pi^{\circ}0$                    |                  |                                   | -453 Apr 22 j 13:11                        | 0° <b>႘</b>                              |             |
|                        | -454 Jun 02 j 10:45                        | 0°€                               |                  | evening rise                      | -453 Apr 25 j 21:51                        | 7° <b>8</b> 13'30                        |             |
| evening max el         | -454 Jun 09 j 16:07                        | 8°908'15                          | 26°23'39         |                                   | -453 May 07 j 20:48                        | $\Pi^{\circ}0$                           |             |
| desc. node             | -454 Jun 10 j 14:33                        | 9° <b>©</b> 00'21                 |                  | evening max el                    | -453 May 22 j 10:17                        | 19° <b>Ⅱ</b> 15'30                       | 25°08'04    |
| retrograde             | -454 Jun 23 j 16:34                        | 15° <b>©</b> 22'23                |                  | desc. node                        | -453 May 28 j 11:35                        | 23° <b>Ⅲ</b> 58'51                       |             |
| evening set            | -454 Jun 30 j 04:15                        | 13° <b>©</b> 37'16                |                  | retrograde                        | -453 Jun 05 j 10:36                        | 26° <b>Ⅱ</b> 23'34                       |             |
| min. Earth dist.       | -454 Jul 04 j 05:11                        | 10° <b>©</b> 59'23                | 0.59643 AU       | evening set                       | -453 Jun 10 j 19:11                        | 25° <b>Ⅱ</b> 17'20                       |             |
| inferior conj          | -454 Jul 07 j 13:26                        | 8°522'23                          |                  | min. Earth dist.                  | -453 Jun 15 j 21:56                        | 22° <b>Ⅱ</b> 29'57                       | 0.57643 AU  |
| minimum elong          | -454 Jul 07 j 14:55                        | 8° <b>©</b> 19'27                 | 4°40'27          | inferior conj                     | -453 Jun 19 j 00:08                        | 20° <b>Ⅱ</b> 24'16                       | -4°34'53    |
| morning rise           | -454 Jul 15 j 03:39                        | 3°547'57                          |                  | minimum elong                     | -453 Jun 18 j 21:16                        | 20° <b>Ⅱ</b> 29′09                       |             |
| direct                 | -454 Jul 17 j 15:35                        | 3° <b>5</b> 25'39                 |                  | morning rise                      | -453 Jun 27 j 02:07                        | 16° <b>Ⅱ</b> 11'48                       |             |
| morning max el         | -454 Jul 25 j 06:43                        | 7° <b>5</b> 06'19                 | 18°19'54         | direct                            | -453 Jun 29 j 15:32                        | 15° <b>Ⅱ</b> 52'24                       |             |
| asc. node              | -454 Jul 28 j 14:45                        | 10° <b>©</b> 54'03                |                  | morning max el                    | -453 Jul 08 j 09:31                        | 19° <b>Ⅱ</b> 57'55                       | 19°03'04    |
|                        | -  |                                   |                  |                                   | -  |  |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 240 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom               | nical year style is used: The              | he year -900 in                         | astronomical cou | inting style is the year  | 901 BCE in historical cou                  | inting style.                           | -          |
|-----------------------------------|--|---|------------------|---------------------------|--|---|------------|
| asc. node                         | -453 Jul 15 j 11:49                        | 29° <b>Ⅱ</b> 00'58                      |                  |                           | -452 Jun 17 j 08:29                        | $\Pi^{\circ}0$                          |            |
|                                   | -453 Jul 16 j 02:34                        | 0ංම                                     |                  | morning max el            | -452 Jun 20 j 02:31                        | 2° <b>Ⅱ</b> 12'45                       | 20°07'05   |
| morning set                       | -453 Jul 25 j 04:14                        | 16°543'34                               |                  | asc. node                 | -452 Jul 01 j 08:53                        | 17° <b>Ⅱ</b> 48'07                      |            |
|                                   | -453 Jul 31 j 21:42                        | $0 {\circ} \Omega$                      |                  |                           | -452 Jul 07 j 17:22                        | 0ංම                                     |            |
|                                   |  |   |                  | morning set               | -452 Jul 08 j 08:09                        | 1°514'48                                |            |
| superior conj                     | -453 Aug 02 j 13:21                        | 3° <b>Ω</b> 11'59                       |                  |                           | 450 X 1 46:00 04                           | 15000 1110                              | 1045104    |
| minimum elong                     | -453 Aug 02 j 14:01                        |   | 1°47'01          | superior conj             | -452 Jul 16 j 02:34                        | 17°504'42                               |            |
| max. Earth dist.                  | -453 Aug 09 j 05:26                        | 15° <b>Ω</b> 38'46                      | 1.38603 AU       | minimum elong             | -452 Jul 16 j 01:31                        | 16°959'23                               | 1°45'32    |
| evening rise                      | -453 Aug 13 j 01:37                        | 22° <b>Ω</b> 26'31                      |                  | max. Earth dist.          | -452 Jul 21 j 09:55                        | 27° <b>5</b> 29'07                      | 1.36693 AU |
| JJ.                               | -453 Aug 17 j 12:41                        | 0° Mp                                   |                  |                           | -452 Jul 22 j 17:47<br>-452 Jul 25 j 08:03 | 0° <b>Ω</b><br>4° <b>Ω</b> 48'25        |            |
| desc. node                        | -453 Aug 24 j 10:55<br>-453 Sep 06 j 15:09 | 11°₯04'10<br>0° <u>മ</u>                |                  | evening rise              | -452 Aug 09 j 10:39                        | 0°M)                                    |            |
| evening max el                    | -453 Sep 00 j 15:09<br>-453 Sep 17 j 16:25 | 0 <b>==</b><br>13° <b>⊆</b> 01'57       | 24037156         | desc. node                | -452 Aug 10 j 07:57                        | 1° Mp 20'23                             |            |
| retrograde                        | -453 Sep 17 j 10:23<br>-453 Sep 29 j 03:03 | 13 <b>≗</b> 01 37<br>19° <b>£</b> 42'52 | 24 37 30         | evening max el            | -452 Aug 30 j 03:44                        | 26° M) 38'00                            | 25940!40   |
| evening set                       | -453 Oct 04 j 16:11                        | 17° <b>⊆</b> 4232                       |                  | evening max er            | -452 Sep 02 j 23:27                        | ე∘ <b>亞</b>                             | 23 49 40   |
| min. Earth dist.                  | -453 Oct 09 j 07:11                        |   | 0.67342 AU       | retrograde                | -452 Sep 11 j 12:22                        | ა <b>_</b><br>3° <b>ჲ</b> 42'12         |            |
| inferior conj                     | -453 Oct 10 j 02:18                        | 11° <b>⊆</b> 01'06                      |                  | evening set               | -452 Sep 17 j 15:59                        | 1° <b>⊆</b> 06'44                       |            |
| minimum elong                     | -453 Oct 10 j 03:00                        | 10° <b>£</b> 58'47                      |                  | evening sec               | -452 Sep 18 j 20:34                        | 30°R M⊅                                 |            |
| asc. node                         | -453 Oct 11 j 11:00                        | 9° <b>£</b> 13'45                       |                  | min. Earth dist.          | -452 Sep 21 j 22:57                        | • •                                     | 0.66730 AU |
| morning rise                      | -453 Oct 15 j 13:53                        | 4° <b>£</b> 57'51                       |                  | inferior conj             | -452 Sep 23 j 05:10                        | 24° m/49'22                             |            |
| direct                            | -453 Oct 19 j 06:18                        | 3° <b>ഫ</b> 39'48                       |                  | minimum elong             | -452 Sep 23 j 07:17                        | 24° m) 42'40                            |            |
| morning max el                    | -453 Oct 26 j 23:14                        | 8° <b>ഫ</b> 05'59                       | 20°08'17         | asc. node                 | -452 Sep 27 j 08:04                        | 20° m/09'00                             |            |
| C                                 | -453 Nov 12 j 05:38                        | 0°M                                     |                  | morning rise              | -452 Sep 28 j 22:50                        | 18° <b>m</b> 54'56                      |            |
| desc. node                        | -453 Nov 20 j 10:11                        | 12°M26'36                               |                  | direct                    | -452 Oct 02 j 04:41                        | 17° <b>m</b> 54'16                      |            |
| morning set                       | -453 Nov 22 j 21:30                        | 16°ML15'14                              |                  | morning max el            | -452 Oct 09 j 05:25                        | 21° Mp 52'06                            | 19°09'42   |
|                                   | -453 Dec 01 j 16:13                        | 0°⊀                                     |                  |                           | -452 Oct 15 j 18:28                        | 0∘ <b>ত</b>                             |            |
| max. Earth dist.                  | -453 Dec 03 j 19:12                        | 3° <b>҂</b> 23′09                       | 1.43776 AU       | morning set               | -452 Nov 01 j 02:47                        | 24° <b>≙</b> 55'30                      |            |
|                                   |  |   |                  |                           | -452 Nov 04 j 08:39                        | 0° <b>M</b> ₊                           |            |
| superior conj                     | -453 Dec 09 j 07:02                        | 12° <b>≯</b> 16'30                      | -1°44'17         | desc. node                | -452 Nov 06 j 07:14                        | 3°ML02'15                               |            |
| minimum elong                     | -453 Dec 09 j 00:23                        | 11° <b>∡¹</b> 49'17                     | 1°43'48          | max. Earth dist.          | -452 Nov 15 j 10:18                        | 17°M21'55                               | 1.44748 AU |
|                                   | -453 Dec 19 j 20:30                        | 0°ප                                     |                  |                           |  |   |            |
| evening rise                      | -453 Dec 22 j 06:03                        | 4° <b>る</b> 07'42                       |                  | superior conj             | -452 Nov 17 j 18:57                        | 21°M05'44                               |            |
| asc. node                         | -452 Jan 07 j 10:20                        | 29° <b>る</b> 57'39                      |                  | minimum elong             | -452 Nov 17 j 11:03                        | 20°M34'27                               | 1°09'42    |
|                                   | -452 Jan 07 j 11:07                        | 0° <b>≈</b>                             |                  |                           | -452 Nov 23 j 09:04                        | 0° <b>∡</b> ¹                           |            |
| evening max el                    | -452 Jan 09 j 02:18                        |   | 18°12'01         | evening rise              | -452 Dec 02 j 15:44                        | 15° <b>∡</b> '04'10                     |            |
| retrograde                        | -452 Jan 15 j 14:17                        | 5°≈15'30                                |                  |                           | -452 Dec 11 j 18:30                        | 0°る                                     | 1002 400   |
| evening set                       | -452 Jan 18 j 10:42                        | 4°≈33'49                                |                  | evening max el            | -452 Dec 22 j 14:22                        | 15° <b>ට</b> 10'23                      | 18°34'00   |
|                                   | -452 Jan 23 j 23:34                        | 30°₹₹                                   | 2050125          | asc. node                 | -452 Dec 24 j 07:21                        | 16° <b>る</b> 44'42                      |            |
| inferior conj                     | -452 Jan 24 j 15:36                        | 29° <b>ට</b> 17'14                      |                  | retrograde                | -452 Dec 29 j 05:11                        | 18°る50'31                               |            |
| minimum elong<br>min. Earth dist. | -452 Jan 24 j 14:44<br>-452 Jan 27 j 06:42 | 29° <b>る</b> 19'34                      | 0.62968 AU       | evening set inferior conj | -451 Jan 01 j 06:38<br>-451 Jan 07 j 03:16 | 17°る58'11<br>12°る23'21                  | 2025!12    |
| morning rise                      | -452 Jan 30 j 17:53                        | 20 32836<br>23° <b>る</b> 17'55          | 0.02908 AU       | minimum elong             | -451 Jan 07 j 01:03                        | 12 <b>3</b> 23 21<br>12° <b>3</b> 29'55 |            |
| direct                            | -452 Feb 06 j 18:00                        | 23 81733<br>20° <b>8</b> 36'03          |                  | min. Earth dist.          | -451 Jan 09 j 03:09                        |   | 0.64644 AU |
| desc. node                        | -452 Feb 16 j 09:23                        | 20 <b>3</b> 3003<br>24° <b>3</b> 41'12  |                  | morning rise              | -451 Jan 12 j 18:59                        | 6°る17'02                                | 0.04044 AU |
| morning max el                    | -452 Feb 20 j 15:30                        | 28° <b>る</b> 27'46                      | 27°44'48         | direct                    | -451 Jan 19 j 14:46                        | 3° <b>ට</b> 24'49                       |            |
| morning max or                    | -452 Feb 22 j 03:28                        | 0°≈                                     | 27 11 10         | morning max el            | -451 Feb 02 j 00:46                        | 11° <b>る</b> 11'09                      | 27°15'46   |
|                                   | -452 Mar 14 j 10:51                        | 0° <b>)</b> €                           |                  | desc. node                | -451 Feb 02 j 06:27                        | 11° <b>る</b> 25'26                      | 2, 10 .0   |
| morning set                       | -452 Mar 25 j 18:16                        | 21° <b>)</b> €02'01                     |                  |                           | -451 Feb 16 j 23:56                        | 0° <b>≈</b>                             |            |
| C                                 | -452 Mar 30 j 02:34                        | $_0$ ° $\boldsymbol{\gamma}$            |                  |                           | -451 Mar 06 j 21:37                        | 0° <b>\</b>                             |            |
| max. Earth dist.                  | -452 Mar 31 j 05:04                        | 2° <b>Y</b> 20'23                       | 1.32921 AU       | morning set               | -451 Mar 09 j 10:18                        | 4° <b>¥</b> 51′03                       |            |
|                                   | J  |   |                  | max. Earth dist.          | -451 Mar 14 j 03:53                        | 14° <b>₩</b> 19'45                      | 1.33806 AU |
| superior conj                     | -452 Apr 02 j 08:38                        | 6° <b>Ƴ</b> 56'53                       | -0°21'27         |                           | -  |   |            |
| minimum elong                     | -452 Apr 02 j 09:39                        | 7° <b>Y</b> 02′22                       | 0°21'13          | superior conj             | -451 Mar 17 j 13:12                        | 21° <b>∺</b> 23′23                      | -0°48'04   |
| asc. node                         | -452 Apr 04 j 09:40                        | 11° <b>Y</b> 22'06                      |                  | minimum elong             | -451 Mar 17 j 15:29                        | 21° <b>∺</b> 35′26                      | 0°47'37    |
| evening rise                      | -452 Apr 09 j 09:40                        | 22° <b>Y</b> 06′56                      |                  |                           | -451 Mar 21 j 14:28                        | $0^{\circ}\mathbf{\Upsilon}$            |            |
|                                   | -452 Apr 13 j 05:38                        | 0°8                                     |                  | asc. node                 | -451 Mar 22 j 06:43                        | 1° <b>Y</b> 26'25                       |            |
| evening max el                    | -452 May 03 j 00:51                        | 29° <b>8</b> 54'02                      | 23°35'48         | evening rise              | -451 Mar 24 j 20:34                        | 6° <b>Ƴ</b> 53′00                       |            |
|                                   | -452 May 03 j 03:20                        | $\Pi^{\circ}0$                          |                  |                           | -451 Apr 06 j 07:59                        | $9^{\circ}$ 8                           |            |
| desc. node                        | -452 May 14 j 08:37                        | 6° <b>Ⅱ</b> 31'49                       |                  | evening max el            | -451 Apr 14 j 18:44                        | 10° <b>8</b> 33'48                      | 22°01'35   |
| retrograde                        | -452 May 16 j 16:46                        | 6° <b>Ⅱ</b> 44'17                       |                  | retrograde                | -451 Apr 27 j 10:57                        | 16° <b>8</b> 45'56                      |            |
| evening set                       | -452 May 20 j 14:32                        | 6° <b>Ⅱ</b> 10′38                       |                  | evening set               | -451 Apr 30 j 03:50                        | 16° <b>8</b> 29'43                      |            |
| min. Earth dist.                  | -452 May 27 j 11:26                        |   | 0.56020 AU       | desc. node                | -451 May 01 j 05:39                        | 16° <b>8</b> 14'41                      |            |
| inferior conj                     | -452 May 29 j 14:43                        | 1° <b>Ⅱ</b> 42'18                       |                  | min. Earth dist.          | -451 May 09 j 00:31                        |   | 0.55117 AU |
| minimum elong                     | -452 May 29 j 08:02                        | 1° <b>II</b> 52'23                      | 3°47'27          | inferior conj             | -451 May 09 j 13:39                        | 12° <b>8</b> 23'54                      |            |
|                                   | -452 Jun 01 j 13:19                        | 30°R <b>8</b>                           |                  | minimum elong             | -451 May 09 j 07:35                        | 12° <b>8</b> 32'27                      | 2°16'38    |
| morning rise                      | -452 Jun 07 j 04:23                        | 27° <b>8</b> 45'18                      |                  | morning rise              | -451 May 18 j 12:41                        | 8° <b>8</b> 28'12                       |            |
| direct                            | -452 Jun 09 j 20:01                        | 27° <b>8</b> 27'45                      |                  | direct                    | -451 May 21 j 10:08                        | 8° <b>8</b> 09'28                       |            |

| •                   | nical year style is used: The |                             | •           | / *                 |                      | , ,                                      | 50 241      |
|---------------------|-------------------------------|-----------------------------|-------------|---------------------|----------------------|--|-------------|
| morning max el      | -451 Jun 02 j 08:25           | 13° <b>8</b> 45'25          |             | morning max el      | -450 May 15 j 04:25  | 24° <b>Υ</b> 37'58                       | 23°07'25    |
| morning man er      | -451 Jun 14 j 09:20           | 0°II                        | 21 30 10    |                     | -450 May 20 j 02:25  | 0°8                                      | 25 07 25    |
| asc. node           | -451 Jun 18 j 05:58           | 7° <b>∏</b> 05'52           |             | asc. node           | -450 Jun 05 j 03:01  | 26° <b>8</b> 45'28                       |             |
| morning set         | -451 Jun 22 j 16:38           | 16° <b>Ⅱ</b> 01'32          |             | ase. Hode           | -450 Jun 06 j 16:45  | 0°Ⅱ                                      |             |
| morning set         | -451 Jun 29 j 08:36           | 0°95                        |             | morning set         | -450 Jun 07 j 03:43  | 0° <b>П</b> 57'20                        |             |
|                     | -431 Juli 29 J 08.30          | 0 3                         |             | morning set         | -430 Juli 07 J 03.43 | 0 113720                                 |             |
| superior conj       | -451 Jun 30 j 01:22           | 1° <b>5</b> 27'18           | 1°37'08     | superior conj       | -450 Jun 14 j 06:34  | 16° <b>Ⅱ</b> 09'32                       | 1°23'15     |
| minimum elong       | -451 Jun 29 j 23:16           |                             | 1°36'57     | minimum elong       | -450 Jun 14 j 04:04  |  | 1°22'55     |
| max. Earth dist.    | -451 Jul 03 j 21:55           | 9° <b>5</b> 21'23           | 1.35080 AU  | max. Earth dist.    | -450 Jun 16 j 19:45  | 21° <b>II</b> 33'43                      | 1.33838 AU  |
| evening rise        | -451 Jul 08 j 08:33           | 18° <b>©</b> 04'25          | 1.55000 110 | max. Lartii dist.   | -450 Jun 20 j 22:13  | 0°9                                      | 1.55050 710 |
| evening rise        | -451 Jul 14 j 21:01           | 0°Ω                         |             | evening rise        | -450 Jun 21 j 22:19  | 2° <b>©</b> 00'17                        |             |
| desc. node          | -451 Jul 28 j 04:58           | 21° <b>Ω</b> 14'51          |             | evening rise        | -450 Jul 07 j 18:25  | 0°Ω                                      |             |
| desc. node          | -451 Aug 03 j 15:28           | 0°M)                        |             | desc. node          | -450 Jul 15 j 02:00  | 10° <b>Ω</b> 38'04                       |             |
| evening max el      | -451 Aug 12 j 15:37           | עוי<br>10° <b>m</b> ן 11'49 | 26045155    | evening max el      | -450 Jul 26 j 03:18  | 23° <b>Ω</b> 32'57                       | 27010113    |
| retrograde          | -451 Aug 25 j 16:28           | 17° Mp 27'57                | 20 43 33    | evening max er      | -450 Aug 04 j 08:02  | 0° m                                     | 27 1713     |
| evening set         | -451 Sep 01 j 09:07           | 14° Mp 43'24                |             | retrograde          | -450 Aug 08 j 14:48  | رية 0° mp 52'28                          |             |
| min. Earth dist.    | -451 Sep 05 j 08:45           |                             | 0.65774 AU  | retrograde          | -450 Aug 12 j 15:33  | 0 11/32 28<br>30°RΩ                      |             |
| inferior conj       | -451 Sep 07 j 03:03           | 8° m 33'59                  |             | evening set         | -450 Aug 15 j 16:53  | 28° <b>Ω</b> 07'59                       |             |
|                     | -451 Sep 07 j 05:05           | 8° My 23'45                 |             | min. Earth dist.    | • •                  | 28 <b>∂</b> €07 39<br>24° <b>Ω</b> 39'49 | 0.64455 AU  |
| minimum elong       |                               |                             | 2 1/33      |                     | -450 Aug 19 j 10:13  |  |             |
| morning rise        | -451 Sep 13 j 04:24           | 2° Mp 51'24                 |             | inferior conj       | -450 Aug 21 j 17:39  | 22° <b>Ω</b> 10'13<br>21° <b>Ω</b> 58'12 |             |
| asc. node           | -451 Sep 14 j 05:07           | 2° m 24'03                  |             | minimum elong       | -450 Aug 21 j 22:05  |  | 3-1005      |
| direct              | -451 Sep 16 j 02:04           | 2° Mp 04'25                 | 10026150    | morning rise        | -450 Aug 28 j 04:05  | 16° <b>Ω</b> 42'59                       |             |
| morning max el      | -451 Sep 22 j 17:14           | 5° Mp 43'02                 | 18°26'59    | direct              | -450 Aug 30 j 20:03  | 16° <b>Ω</b> 06'14                       |             |
|                     | -451 Oct 09 j 09:03           | 0° <b>™</b>                 |             | asc. node           | -450 Sep 01 j 02:11  | 16° <b>Ω</b> 14'27                       | 10001110    |
| morning set         | -451 Oct 12 j 09:51           | 4° <b>£</b> 54'33           |             | morning max el      | -450 Sep 06 j 08:15  | 19° <b>Ω</b> 33'56                       | 18°01'19    |
| desc. node          | -451 Oct 24 j 04:16           | 23° <b>£</b> 44'47          |             |                     | -450 Sep 14 j 02:34  | 0° <b>m</b>                              |             |
|                     |                               |                             |             | morning set         | -450 Sep 23 j 21:02  | 16° m 15'53                              |             |
| superior conj       | -451 Oct 27 j 19:16           | 29° <b>£</b> 28'13          |             |                     | -450 Oct 02 j 02:02  | 0∘ <b>⊽</b>                              |             |
| minimum elong       | -451 Oct 27 j 16:10           | 29° <b>≙</b> 15'58          | 0°23'09     |                     |                      | _  |             |
|                     | -451 Oct 28 j 03:20           | 0°M                         |             | superior conj       | -450 Oct 07 j 06:06  | 8° <b>£</b> 25'44                        | 0°24'53     |
| max. Earth dist.    | -451 Oct 29 j 04:40           |                             | 1.45006 AU  | minimum elong       | -450 Oct 07 j 08:56  | 8° <b>≏</b> 37'12                        | 0°24'29     |
| evening rise        | -451 Nov 13 j 01:27           | 25°ML01'17                  |             | desc. node          | -450 Oct 11 j 01:18  | 14° <b>≏</b> 31'04                       |             |
|                     | -451 Nov 16 j 05:15           | 0°⊀                         |             | max. Earth dist.    | -450 Oct 11 j 23:11  | 15° <b>≏</b> 57'58                       | 1.44528 AU  |
| greatest brilliancy | -451 Nov 23 j 00:29           | 10° <b>≯</b> 40′21          | -0.8m       |                     | -450 Oct 20 j 22:07  | 0°M₊                                     |             |
| evening max el      | -451 Dec 05 j 23:48           | 28° <b>∡</b> ³37'16         | 19°13'19    | evening rise        | -450 Oct 23 j 15:03  | 4°M11'06                                 |             |
|                     | -451 Dec 07 j 10:23           | 0°ಕ                         |             | greatest brilliancy | -450 Nov 06 j 16:12  | 25°M31'04                                | -0.6m       |
| asc. node           | -451 Dec 11 j 04:23           | 2° <b>る</b> 20'23           |             |                     | -450 Nov 09 j 18:00  | 0°⊀                                      |             |
| retrograde          | -451 Dec 13 j 00:42           | 2° <b>る</b> 39'19           |             | evening max el      | -450 Nov 19 j 04:39  | 12° <b>≯</b> 05'40                       | 20°08'08    |
| evening set         | -451 Dec 16 j 08:39           | 1° <b>る</b> 34'45           |             | retrograde          | -450 Nov 26 j 22:12  | 16° <b>₰</b> 37'54                       |             |
|                     | -451 Dec 18 j 07:19           | 30°Ŗ <b>⋌</b> 7             |             | asc. node           | -450 Nov 28 j 01:25  | 16° <b>₰</b> ³30'34                      |             |
| inferior conj       | -451 Dec 21 j 23:25           | 25° <b>≯</b> ¹44'00         | 3°07'16     | evening set         | -450 Nov 30 j 14:25  | 15° <b>√</b> 19'12                       |             |
| minimum elong       | -451 Dec 21 j 20:37           | 25° <b>₹</b> 52'54          | 3°06'36     | inferior conj       | -450 Dec 06 j 01:21  | 9° <b>√</b> 15'21                        | 2°30'02     |
| min. Earth dist.    | -451 Dec 23 j 08:29           | 23° <b>₹</b> 58'41          | 0.65949 AU  | minimum elong       | -450 Dec 05 j 22:36  | 9° <b>∡</b> ¹24'32                       | 2°29'10     |
| morning rise        | -451 Dec 27 j 08:21           | 19° <b>∡</b> ³33'21         |             | min. Earth dist.    | -450 Dec 06 j 21:05  | 8° <b>≯</b> 09'13                        | 0.66866 AU  |
| direct              | -450 Jan 02 j 17:41           | 16° <b>∡</b> ⁴44'59         |             | morning rise        | -450 Dec 11 j 06:37  | 3° <b>҂</b> 02'20                        |             |
| morning max el      | -450 Jan 15 j 10:11           | 24° <b>⋌</b> 13'41          | 26°18'08    | direct              | -450 Dec 17 j 01:58  | 0° <b>∡</b> ¹28'17                       |             |
| desc. node          | -450 Jan 20 j 03:29           | 29° <b>∡</b> ¹24'46         |             | morning max el      | -450 Dec 28 j 18:48  | 7° <b>∡</b> ¹26′02                       | 25°01'01    |
|                     | -450 Jan 20 j 15:19           | 0°ರ                         |             | desc. node          | -449 Jan 07 j 00:30  | 18° <b>∡</b> 17′28                       |             |
|                     | -450 Feb 10 j 09:30           | 0° <b>≈</b>                 |             |                     | -449 Jan 15 j 10:20  | 0°₹                                      |             |
| morning set         | -450 Feb 20 j 13:44           | 17° <b>≈</b> 57'15          |             | morning set         | -449 Feb 02 j 23:31  | 0° <b>≈</b> 06'38                        |             |
| max. Earth dist.    | -450 Feb 24 j 15:09           | 25° <b>≈</b> 43'45          | 1.35151 AU  |                     | -449 Feb 02 j 22:02  | 0° <b>≈</b>                              |             |
|                     | -450 Feb 26 j 18:56           | 0° <b>ℋ</b>                 |             | max. Earth dist.    | -449 Feb 06 j 15:47  | 6° <b>≈</b> 48'01                        | 1.36926 AU  |
|                     |                               |                             |             |                     |                      |  |             |
| superior conj       | -450 Mar 01 j 11:08           | 5° <b>¥</b> 24'42           |             | superior conj       | -449 Feb 12 j 23:30  | 18° <b>≈</b> 52'47                       |             |
| minimum elong       | -450 Mar 01 j 14:28           | 5° <b>)</b> 41′46           | 1°13'05     | minimum elong       | -449 Feb 13 j 03:17  | 19° <b>≈</b> 11'24                       | 1°35'46     |
| evening rise        | -450 Mar 09 j 04:35           | 21° <b>)</b> 24'17          |             |                     | -449 Feb 18 j 13:07  | 0° <b>∀</b>                              |             |
| asc. node           | -450 Mar 09 j 03:44           | 21° <b>)</b> 19′58          |             | evening rise        | -449 Feb 21 j 07:36  | 5° <b>)</b> 34'48                        |             |
|                     | -450 Mar 13 j 11:25           | 0°Υ                         |             | asc. node           | -449 Feb 24 j 00:45  | 10° <b>¥</b> 58′05                       |             |
| evening max el      | -450 Mar 27 j 21:38           | 21° <b>Y</b> 38'49          | 20°37'26    |                     | -449 Mar 07 j 11:05  | $0^{\circ}\mathbf{\Upsilon}$             |             |
| retrograde          | -450 Apr 07 j 23:51           | 26° <b>Ƴ</b> 59'01          |             | evening max el      | -449 Mar 10 j 11:38  | 3° <b>Y</b> 20'42                        | 19°30'14    |
| evening set         | -450 Apr 10 j 04:04           | 26° <b>Ƴ</b> 47'33          |             | retrograde          | -449 Mar 19 j 20:58  | 7° <b>Ƴ</b> 50'57                        |             |
| desc. node          | -450 Apr 18 j 02:41           | 23° <b>Y</b> 32'26          |             | evening set         | -449 Mar 22 j 01:08  | 7° <b>Y</b> 37'32                        |             |
| inferior conj       | -450 Apr 19 j 08:16           | 22° <b>Y</b> 50'06          | -0°21'09    | inferior conj       | -449 Mar 30 j 13:01  | 3° <b>Y</b> 31'49                        | 1°29'57     |
| minimum elong       | -450 Apr 19 j 07:16           | 22° <b>Y</b> 51'32          | 0°20'48     | minimum elong       | -449 Mar 30 j 16:30  | 3° <b>Y</b> 26'10                        | 1°28'49     |
| min. Earth dist.    | -450 Apr 20 j 13:53           | 22° <b>Y</b> 07'27          | 0.55142 AU  | min. Earth dist.    | -449 Apr 02 j 04:18  | 1° <b>Y</b> 50'16                        | 0.56091 AU  |
| morning rise        | -450 Apr 28 j 09:27           | 18° <b>Y</b> 37'36          |             | desc. node          | -449 Apr 04 j 23:42  | 0° <b>Υ</b> 12'29                        |             |
| direct              | -450 May 01 j 21:33           | 18° <b>Ƴ</b> 11'01          |             |                     | -449 Apr 05 j 09:25  | 30° <b>₹</b>                             |             |
|                     |                               |                             |             |                     |                      |  |             |

| •                | and waar style is used. The |                                       | •                 |                  |                          |                          | ge 242     |
|------------------|-----------------------------|---------------------------------------|-------------------|------------------|--------------------------|--------------------------|------------|
|                  |                             | 16 year -900 in<br>28° <b>)</b> 48′27 | astronomicai coun | min. Earth dist. | 01 BCE in historical cou |                          | 0.57747 AU |
| morning rise     | -449 Apr 08 j 05:15         |                                       |                   |                  | -448 Mar 13 j 21:20      |                          | 0.37747 AU |
| direct           | -449 Apr 12 j 17:30         | 28° <b>)</b> €02'30                   |                   | morning rise     | -448 Mar 18 j 11:52      | 9° <b>)</b> 34'11        |            |
|                  | -449 Apr 19 j 22:40         | 0°Υ<br>5° <b>00</b> °°°17             | 24045140          | desc. node       | -448 Mar 21 j 20:43      | 8° <b>¥</b> 28′27        |            |
| morning max el   | -449 Apr 26 j 19:24         | 5° <b>Y</b> ′09'17                    | 24°47′48          | direct           | -448 Mar 24 j 03:15      | 8° <b>¥</b> 15'33        |            |
|                  | -449 May 14 j 13:30         | 0°8                                   |                   | morning max el   | -448 Apr 07 j 11:32      | 15° <b>)</b> 47′37       | 26°16'20   |
| morning set      | -449 May 22 j 15:43         | 15° <b>8</b> 56'33                    |                   |                  | -448 Apr 18 j 23:44      | 0° <b>Υ</b>              |            |
| asc. node        | -449 May 23 j 00:04         | 16° <b>8</b> 40'35                    |                   |                  | -448 May 05 j 16:45      | 0°8                      |            |
|                  | -449 May 29 j 04:07         | $\Pi$ $^{\circ}0$                     |                   | morning set      | -448 May 06 j 02:59      | 0° <b>8</b> 53'36        |            |
|                  |                             |                                       |                   | asc. node        | -448 May 08 j 21:07      | 6° <b>8</b> 46'05        |            |
| superior conj    | -449 May 29 j 15:51         | 1° <b>Ⅱ</b> 03'48                     | 1°05'07           |                  |                          |                          |            |
| minimum elong    | -449 May 29 j 13:29         | 0° <b>Ⅱ</b> 50'57                     | 1°04'43           | superior conj    | -448 May 13 j 03:14      | 16° <b>8</b> 03'33       | 0°43'39    |
| max. Earth dist. | -449 May 31 j 01:55         | 4° <b>Ⅱ</b> 08'32                     | 1.32976 AU        | minimum elong    | -448 May 13 j 01:26      | 15° <b>8</b> 53'44       | 0°43'18    |
| evening rise     | -449 Jun 05 j 21:30         | 16° <b>Ⅲ</b> 24′22                    |                   | max. Earth dist. | -448 May 13 j 13:15      | 16° <b>8</b> 58'31       | 1.32483 AU |
|                  | -449 Jun 12 j 21:38         | $0$ $\circ$ $\mathfrak{S}$            |                   |                  | -448 May 19 j 14:14      | $\Pi^{\circ}$ 0          |            |
| desc. node       | -449 Jul 01 j 23:01         | 29° <b>5</b> 16'47                    |                   | evening rise     | -448 May 20 j 03:06      | 1° <b>Ⅱ</b> 07'15        |            |
|                  | -449 Jul 02 j 13:16         | $0^{\circ}\Omega$                     |                   | -                | -448 Jun 04 j 22:28      | 0ංම                      |            |
| evening max el   | -449 Jul 08 j 12:38         | 6° <b>Ω</b> 27'55                     | 27°23'16          | desc. node       | -448 Jun 17 j 20:02      | 16° <b>©</b> 52'35       |            |
| retrograde       | -449 Jul 22 j 06:53         | 13° <b>Ω</b> 46'46                    |                   | evening max el   | -448 Jun 19 j 17:08      | 18°9545'06               | 26°54'40   |
| evening set      | -449 Jul 29 j 11:48         | 11° <b>Ω</b> 14'29                    |                   | retrograde       | -448 Jul 03 j 16:07      | 26°902'05                | 20 0       |
| min. Earth dist. | -449 Aug 02 j 01:39         | 8° <b>Ω</b> 16'39                     | 0.62782 AU        | evening set      | -448 Jul 10 j 13:39      | 23°956'07                |            |
| inferior conj    | -449 Aug 04 j 22:06         | 5° <b>Ω</b> 31'24                     |                   | min. Earth dist. | -448 Jul 14 j 06:57      | 21°9515'54               | 0.60826 AU |
| minimum elong    |                             | 5° <b>Ω</b> 20'17                     |                   |                  | -448 Jul 17 j 13:09      | 18°929'57                |            |
| Č                | -449 Aug 05 j 02:41         |                                       | 3 30 03           | inferior conj    | ,                        |                          |            |
| morning rise     | -449 Aug 11 j 18:47         | 0° <b>Ω</b> 22'55                     |                   | minimum elong    | -448 Jul 17 j 16:22      | 18°523'06                | 4°29'5/    |
|                  | -449 Aug 13 j 03:10         | 30° <b>₹</b> 55                       |                   | morning rise     | -448 Jul 24 j 20:52      | 13°9542'55               |            |
| direct           | -449 Aug 14 j 07:26         | 29° <b>©</b> 53'31                    |                   | direct           | -448 Jul 27 j 08:25      | 13° <b>©</b> 18'38       |            |
|                  | -449 Aug 15 j 11:32         | $0$ $^{\circ}\Omega$                  |                   | morning max el   | -448 Aug 03 j 12:46      | 16° <b>©</b> 50'40       | 18°04'35   |
| asc. node        | -449 Aug 18 j 23:15         | 1° <b>Ω</b> 35′13                     |                   | asc. node        | -448 Aug 04 j 20:19      | 18°913'00                |            |
| morning max el   | -449 Aug 20 j 23:44         | 3° <b>Ω</b> 18'44                     | 17°53'31          |                  | -448 Aug 12 j 20:12      | $0$ $^{\circ}$ $\Omega$  |            |
| morning set      | -449 Sep 06 j 07:13         | 28° <b>Ω</b> 42'48                    |                   | morning set      | -448 Aug 19 j 10:35      | 11° <b>Ω</b> 59'37       |            |
|                  | -449 Sep 07 j 00:36         | O°Mp                                  |                   |                  |                          |                          |            |
|                  |                             |                                       |                   | superior conj    | -448 Aug 29 j 09:22      | 0° Mp 12′25              | 1°30'13    |
| superior conj    | -449 Sep 17 j 18:11         | 18° <b>m</b> 38'44                    | 1°04'07           | minimum elong    | -448 Aug 29 j 13:26      | 0° Mp30′28               | 1°29'53    |
| minimum elong    | -449 Sep 17 j 23:16         | 19° <b>m</b> 00'09                    | 1°03'30           |                  | -448 Aug 29 j 06:34      | 0° <b>m</b> )            |            |
| max. Earth dist. | -449 Sep 24 j 14:23         | 29° m 56'46                           | 1.43380 AU        | max. Earth dist. | -448 Sep 05 j 23:55      | 13° <b>m</b> 19'28       | 1.41720 AU |
|                  | -449 Sep 24 j 15:11         | 0∘ <b>⊽</b>                           |                   | evening rise     | -448 Sep 11 j 15:43      | 22° m/35'36              |            |
| desc. node       | -449 Sep 27 j 22:19         | 5° <b>≏</b> 17'28                     |                   | desc. node       | -448 Sep 13 j 19:22      | 26° Mp 01'09             |            |
| evening rise     | -449 Oct 02 j 21:41         | 13° <b>≏</b> 06'26                    |                   |                  | -448 Sep 16 j 08:20      | 0∘ <del>⊽</del>          |            |
| Č                | -449 Oct 14 j 00:52         | 0°M                                   |                   |                  | -448 Oct 07 j 04:03      | 0° <b>M</b> .            |            |
| evening max el   | -449 Nov 02 j 03:40         | 25°M33'26                             | 21°15'54          | evening max el   | -448 Oct 14 j 21:04      | 9°ML02'05                | 22°32'39   |
| evening max er   | -449 Nov 07 j 21:13         | 0° <b>₹</b>                           | 21 1331           | retrograde       | -448 Oct 24 j 14:50      | 14° <b>M</b> 49'34       | 22 32 37   |
| retrograde       | -449 Nov 10 j 19:28         | 0° <b>∡</b> ¹42'07                    |                   | evening set      | -448 Oct 29 j 05:32      | 12°ML57'23               |            |
| retrograde       |                             | 30°RM                                 |                   | •                | -448 Oct 31 j 19:31      | 12 1163723<br>10°ML17'30 |            |
|                  | -449 Nov 13 j 13:31         |                                       |                   | asc. node        | 3                        |                          | 005(127    |
| evening set      | -449 Nov 14 j 21:58         | 29°M07'24                             |                   | inferior conj    | -448 Nov 03 j 13:44      | 6°M37'47                 | 0°56'27    |
| asc. node        | -449 Nov 14 j 22:27         | 29°M06'27                             | 1045150           | minimum elong    | -448 Nov 03 j 12:27      | 6°M42'12                 | 0°55'54    |
| inferior conj    | -449 Nov 20 j 06:45         | 22°M53'49                             | 1°45'50           | min. Earth dist. | -448 Nov 03 j 11:03      | 6°M47'05                 | 0.67635 AU |
| minimum elong    | -449 Nov 20 j 04:34         | 23°M01'23                             | 1°45'00           | morning rise     | -448 Nov 08 j 19:15      | 0°M26'04                 |            |
| min. Earth dist. | -449 Nov 20 j 14:44         | 22°M26'21                             | 0.67416 AU        |                  | -448 Nov 09 j 08:40      | 30° <b>RΩ</b>            |            |
| morning rise     | -449 Nov 25 j 11:00         | 16° <b>™</b> 40′19                    |                   | direct           | -448 Nov 13 j 08:23      | 28° <b>£</b> 34'39       |            |
| direct           | -449 Nov 30 j 15:04         | 14°M26'34                             |                   |                  | -448 Nov 17 j 17:36      | 0° <b>M</b>              |            |
| morning max el   | -449 Dec 11 j 03:40         | 20° <b>™</b> 42'43                    | 23°34'22          | morning max el   | -448 Nov 22 j 15:41      | 4° <b>™</b> 04'40        | 22°07'36   |
|                  | -449 Dec 19 j 02:43         | 0° <b>∡</b> ¹                         |                   | desc. node       | -448 Dec 10 j 18:35      | 27° <b>M</b> 44'31       |            |
| desc. node       | -449 Dec 24 j 21:32         | 7° <b>∡</b> ¹47'32                    |                   |                  | -448 Dec 12 j 07:21      | 0° <b>∡</b> ¹            |            |
|                  | -448 Jan 08 j 16:24         | 8°0                                   |                   | morning set      | -448 Dec 25 j 14:27      | 20° <b>∡</b> ³33′29      |            |
| morning set      | -448 Jan 15 j 09:26         | 11° <b>る</b> 02'21                    |                   |                  | -448 Dec 31 j 08:18      | 0° <b>ට</b>              |            |
| max. Earth dist. | -448 Jan 19 j 11:07         | 18° <b>る</b> 03'24                    | 1.38983 AU        | max. Earth dist. | -448 Dec 31 j 08:31      | 0° <b>ප</b> 00'51        | 1.41079 AU |
|                  | -448 Jan 26 j 01:37         | 0° <b>≈</b>                           |                   |                  | ,                        |                          |            |
|                  |                             |                                       |                   | superior conj    | -447 Jan 08 j 02:47      | 13° <b>る</b> 24'39       | -2°01'08   |
| superior conj    | -448 Jan 26 j 22:22         | 1° <b>≈</b> 36'51                     | -1°53'14          | minimum elong    | -447 Jan 08 j 03:14      | 13° <b>る</b> 26'39       |            |
| minimum elong    | -448 Jan 27 j 01:25         | 1°≈51'09                              | 1°53'03           | minimum ciong    | -447 Jan 17 j 04:44      | 0° <b>≈</b>              | 2 01 07    |
| evening rise     | -448 Feb 05 j 02:58         | 1 ≈31 09<br>19°≈16'59                 | 1 55 05           | evening rise     | -447 Jan 17 j 04.44      | 0 ≈<br>2°≈23'03          |            |
| •                |                             |                                       |                   | •                |                          |                          |            |
| asc. node        | -448 Feb 10 j 21:47         | 0° <b>)</b> 14'47                     |                   | asc. node        | -447 Jan 27 j 18:50      | 19°≈02'51                | 10015120   |
|                  | -448 Feb 10 j 18:32         | 0° <b>)</b> {                         | 10042140          | evening max el   | -447 Feb 03 j 18:50      | 28°≈25'10                | 18°15'30   |
| evening max el   | -448 Feb 21 j 11:36         | 15° <b>)</b> (38'37                   | 18°42'48          |                  | -447 Feb 05 j 14:57      | 0° <b>\</b>              |            |
| retrograde       | -448 Feb 29 j 11:23         | 19° <b>)</b> (31′35                   |                   | retrograde       | -447 Feb 10 j 20:12      | 1° <b>¥</b> 56'42        |            |
| evening set      | -448 Mar 02 j 20:05         | 19° <b>∺</b> 12'29                    |                   | evening set      | -447 Feb 13 j 09:48      | 1° <b>∺</b> 29'41        |            |
| inferior conj    | -448 Mar 10 j 13:06         | 14° <b>)</b> 49′27                    | 2°50'27           |                  | -447 Feb 16 j 08:04      | 30° <b>R</b> ≈           |            |
| minimum elong    | -448 Mar 10 j 17:25         | 14° <b>) (</b> 41′20                  | 2°49'26           | inferior conj    | -447 Feb 20 j 10:05      | 26° <b>≈</b> 45'57       | 3°35'38    |
|                  |                             |                                       |                   |                  |                          |                          |            |

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|---------------------------------|--|--|-------------|------------------------|--|---|------------|
| minimum elong                   | -447 Feb 20 j 12:39                        | 26° <b>≈</b> 40'20                       |             | retrograde             | -446 Jan 24 j 20:09                        | 14° <b>≈</b> 56'37                      |            |
| min. Earth dist.                | -447 Feb 23 j 19:12                        | 23° <b>≈</b> 49'59                       | 0.59783 AU  | evening set            | -446 Jan 27 j 14:11                        | 14° <b>≈</b> 20′25                      |            |
| morning rise                    | -447 Feb 27 j 13:21                        | 21° <b>≈</b> 07'28                       |             | inferior conj          | -446 Feb 03 j 01:11                        | 9° <b>≈</b> 15'32                       | 3°51'28    |
| direct                          | -447 Mar 06 j 01:55                        | 19° <b>≈</b> 10′20                       |             | minimum elong          | -446 Feb 03 j 01:26                        | 9° <b>≈</b> 14'54                       | 3°51'28    |
| desc. node                      | -447 Mar 08 j 17:46                        | 19° <b>≈</b> 29'03                       |             | min. Earth dist.       | -446 Feb 06 j 00:26                        | 6°≈18′08                                | 0.61859 AU |
| morning max el                  | -447 Mar 20 j 08:47                        | 26° <b>≈</b> 55'33                       | 27°18'35    | morning rise           | -446 Feb 09 j 11:27                        | 3° <b>≈</b> 22'25                       |            |
|                                 | -447 Mar 23 j 07:07                        | 0° <b>∺</b>                              |             | direct                 | -446 Feb 16 j 10:31                        | 0° <b>≈</b> 53′09                       |            |
|                                 | -447 Apr 12 j 11:27                        | $0$ ° $\Upsilon$                         |             | desc. node             | -446 Feb 23 j 14:48                        | 3° <b>≈</b> 10′12                       |            |
| morning set                     | -447 Apr 20 j 11:46                        | 15° <b>Ƴ</b> 41'18                       |             | morning max el         | -446 Mar 02 j 12:05                        | 8° <b>≈</b> 43'39                       | 27°45'54   |
| asc. node                       | -447 Apr 25 j 18:09                        | 26° <b>Y</b> 56'34                       |             |                        | -446 Mar 18 j 21:37                        | 0° <b>∀</b>                             |            |
| max. Earth dist.                | -447 Apr 27 j 02:01                        | 29° <b>Y</b> ′50′52                      | 1.32357 AU  | morning set            | -446 Apr 04 j 16:04                        | 0° <b>Υ</b> 12'54                       |            |
|                                 | -447 Apr 27 j 03:41                        | $0^{\circ}$ 8                            |             |                        | -446 Apr 04 j 13:32                        | 0° <b>Υ</b>                             |            |
|                                 |  |  |             | max. Earth dist.       | -446 Apr 10 j 12:34                        | 12° <b>Y</b> 33'07                      | 1.32606 AU |
| superior conj                   | -447 Apr 27 j 14:57                        | 1° <b>8</b> 01'44                        | 0°19'39     |                        |  | ••                                      |            |
| minimum elong                   | -447 Apr 27 j 14:04                        | 0° <b>8</b> 56'56                        | 0°19'28     | superior conj          | -446 Apr 12 j 01:20                        | 15° <b>Y</b> 52′28                      |            |
| evening rise                    | -447 May 04 j 12:40                        | 15° <b>8</b> 59'51                       |             | minimum elong          | -446 Apr 12 j 01:37                        | 15° <b>℃</b> 54'01                      | 0°06'03    |
|                                 | -447 May 11 j 12:54                        | 0° <b>I</b>                              |             | behind sun begin       | -446 Apr 11 j 20:51                        | 15° <b>Y</b> 28'07                      |            |
| . ,                             | -447 Jun 01 j 07:54                        | 0°95                                     | 25054125    | behind sun end         | -446 Apr 12 j 06:22                        | 16° <b>Y</b> 19'55                      |            |
| evening max el                  | -447 Jun 01 j 15:07                        | 0°517'22                                 | 25°54'25    | asc. node              | -446 Apr 12 j 15:12                        | 17° <b>℃</b> 08'01                      |            |
| desc. node                      | -447 Jun 04 j 17:04                        | 2°958'16                                 |             |                        | -446 Apr 18 j 13:47                        | 0°8                                     |            |
| retrograde                      | -447 Jun 15 j 16:35<br>-447 Jun 21 j 17:57 | 7°530'19                                 |             | evening rise           | -446 Apr 19 j 00:13<br>-446 May 05 j 01:45 | 0° <b>В</b> 55'14<br>0° <b>П</b>        |            |
| evening set<br>min. Earth dist. | -447 Jun 26 j 03:44                        | 6° <b>©</b> 01'46<br>3° <b>©</b> 21'39   | 0.58767 AU  | evening max el         | -446 May 14 j 07:22                        | 11° <b>Ⅱ</b> 10'34                      | 24920103   |
| inferior conj                   | -447 Jun 29 j 11:07                        | 0°955'22                                 |             | desc. node             | -446 May 22 j 14:04                        | 11 <b>Ⅲ</b> 10 34<br>16° <b>Ⅲ</b> 59'34 | 24 30 03   |
| minimum elong                   | -447 Jun 29 j 10:55                        | 0°955'44                                 |             | retrograde             | -446 May 28 j 05:35                        | 18° <b>Ⅱ</b> 12'21                      |            |
| minimum ciong                   | -447 Jun 30 j 17:23                        | 0 <b>3</b> 33 44<br>30°Ŗ <b>Ⅱ</b>        | 4 42 21     | evening set            | -446 Jun 01 j 23:31                        | 17° <b>Ⅱ</b> 21'45                      |            |
| morning rise                    | -447 Jul 07 j 06:20                        | 26° <b>∏</b> 30'34                       |             | min. Earth dist.       | -446 Jun 07 j 18:51                        | 17 <b>H</b> 21 43 14° <b>H</b> 25'31    | 0.56894 AU |
| direct                          | -447 Jul 09 j 18:35                        | 26° <b>∏</b> 09'46                       |             | inferior conj          | -446 Jun 10 j 13:14                        | 12° <b>Д</b> 39'09                      |            |
| ancet                           | -447 Jul 17 j 20:17                        | 0°9                                      |             | minimum elong          | -446 Jun 10 j 08:27                        | 12° <b>∏</b> 46'53                      |            |
| morning max el                  | -447 Jul 17 j 20:10                        | 29° <b>∏</b> 59'43                       | 18°35'39    | morning rise           | -446 Jun 18 j 20:12                        | 8° <b>∏</b> 34'00                       | . 2011     |
| asc. node                       | -447 Jul 22 j 17:23                        | 5°951'22                                 | 10 30 37    | direct                 | -446 Jun 21 j 10:29                        | 8° <b>П</b> 15'29                       |            |
| morning set                     | -447 Aug 03 j 02:14                        | 25°\$52'40                               |             | morning max el         | -446 Jun 30 j 18:58                        | 12° <b>Ⅲ</b> 36′19                      | 19°27'38   |
| . 8                             | -447 Aug 05 j 05:16                        | $0^{\circ}\Omega$                        |             | asc. node              | -446 Jul 09 j 14:27                        | 24° <b>Ⅱ</b> 16'39                      |            |
|                                 | 5 3  |  |             |                        | -446 Jul 12 j 20:11                        | $0 \circ \mathfrak{S}$                  |            |
| superior conj                   | -447 Aug 11 j 22:44                        | 12° <b>Ω</b> 52'11                       | 1°43'55     | morning set            | -446 Jul 18 j 02:30                        | 10° <b>©</b> 12'17                      |            |
| minimum elong                   | -447 Aug 12 j 00:38                        | 13° <b>Ω</b> 01′01                       | 1°43'51     | •                      | v  |   |            |
| max. Earth dist.                | -447 Aug 19 j 04:16                        | 25° <b>Ω</b> 58′23                       | 1.39767 AU  | superior conj          | -446 Jul 26 j 04:39                        | 26° <b>©</b> 22'06                      | 1°47'22    |
|                                 | -447 Aug 21 j 12:04                        | 0° m                                     |             | minimum elong          | -446 Jul 26 j 04:30                        | 26° <b>©</b> 21'23                      | 1°47'22    |
| evening rise                    | -447 Aug 23 j 08:52                        | 3° Mp 10'10                              |             |                        | -446 Jul 28 j 01:26                        | $0^{\circ}\Omega$                       |            |
| desc. node                      | -447 Aug 31 j 16:24                        | 16°₩38′01                                |             | max. Earth dist.       | -446 Aug 01 j 07:28                        | 8° <b>Ω</b> 02'11                       | 1.37775 AU |
|                                 | -447 Sep 09 j 14:22                        | 0∘ <b>⊽</b>                              |             | evening rise           | -446 Aug 05 j 02:44                        | 14° <b>Ω</b> 55'16                      |            |
| evening max el                  | -447 Sep 27 j 10:30                        | 22° <b>≏</b> 33'57                       | 23°52'57    |                        | -446 Aug 14 j 01:15                        | 0° <b>m</b>                             |            |
| retrograde                      | -447 Oct 08 j 06:53                        | 28° <b>≏</b> 57'12                       |             | desc. node             | -446 Aug 18 j 13:27                        | 7° Mp 03'23                             |            |
| evening set                     | -447 Oct 13 j 11:29                        | 26° <b>≏</b> 47'00                       |             |                        | -446 Sep 04 j 06:51                        | 0∘ <b>ত</b>                             |            |
| inferior conj                   | -447 Oct 18 j 20:31                        | 20° <b>£</b> 25′20                       | 0°03'25     | evening max el         | -446 Sep 09 j 22:12                        |   | 25°09'55   |
| minimum elong                   | -447 Oct 18 j 20:26                        | 20° <b>Ω</b> 25'37                       | 0°03'21     | retrograde             | -446 Sep 21 j 18:41                        | 13° <b>≏</b> 00'58                      |            |
| transit middle                  | -447 Oct 18 j 20:26                        | 20° <b>Ω</b> 25'37                       | 0°03'21     | evening set            | -446 Sep 27 j 14:03                        | 10° <b>△</b> 33'48                      |            |
| transit begin                   | -447 Oct 18 j 17:46                        | 20° <b>£</b> 34'40                       |             | min. Earth dist.       | -446 Oct 02 j 01:39                        | 5° <b>£</b> 31'20                       | 0.67126 AU |
| transit end                     | -447 Oct 18 j 23:05                        | 20° <b>£</b> 16'34                       | 0.65500.444 | inferior conj          | -446 Oct 03 j 01:19                        | 4° <b>£</b> 13'59                       |            |
| min. Earth dist.                | -447 Oct 18 j 07:32                        | 21° <b>Ω</b> 09'29                       | 0.67539 AU  | minimum elong          | -446 Oct 03 j 02:36                        | 4° <b>Ω</b> 09'45                       | 0~51/1/    |
| asc. node                       | -447 Oct 18 j 16:34                        | 20° <b>£</b> 38'44                       |             | asc. node              | -446 Oct 05 j 13:38                        | 1° <b>Ω</b> 05'21                       |            |
| morning rise<br>direct          | -447 Oct 24 j 05:19                        | 14° <b>Ω</b> 18'02                       |             | marning rise           | -446 Oct 06 j 13:39                        | 30°RM)<br>200 mm 1.4102                 |            |
|                                 | -447 Oct 28 j 04:50<br>-447 Nov 05 j 10:00 | 12° <b>£</b> 48'20<br>17° <b>£</b> 35'22 | 20°48'21    | morning rise<br>direct | -446 Oct 08 j 15:16                        | 28° Mp 14'02                            |            |
| morning max el                  | -447 Nov 15 j 08:49                        | 0°M                                      | 20 46 21    | direct                 | -446 Oct 12 j 03:01<br>-446 Oct 18 j 03:59 | 27°₯03'37<br>0°₽                        |            |
| desc. node                      | -447 Nov 27 j 15:39                        | 18°M00'53                                |             | morning max el         | -446 Oct 19 j 12:01                        | 0 <b>==</b><br>1° <b>⊆</b> 16'13        | 100/11/27  |
| morning set                     | -447 Dec 04 j 18:04                        | 28°M55'40                                |             | morning max ci         | -446 Nov 09 j 00:21                        | 0°M                                     | 17 7141    |
| morning set                     | -447 Dec 04 j 18:04<br>-447 Dec 05 j 10:34 | 20 11€33 40<br>0° <b>√</b>               |             | morning set            | -446 Nov 13 j 15:30                        | 7°M08'38                                |            |
| max. Earth dist.                | -447 Dec 13 j 13:15                        | 12° <b>∡</b> 54′27                       | 1.42926 AU  | desc. node             | -446 Nov 14 j 12:42                        | 8°M30'41                                |            |
| max. Durin tist.                | 11, 200 15 1 15.15                         | 12 7 3721                                | 1.12/20 AU  | max. Earth dist.       | -446 Nov 26 j 01:48                        | 26°M36'22                               | 1.44275 AU |
| superior conj                   | -447 Dec 20 j 07:22                        | 24° <b>₹</b> 03'57                       | -1°55'25    | Darur diot.            | -446 Nov 28 j 04:55                        | 0° <b>√</b>                             | 12/3/110   |
| minimum elong                   | -447 Dec 20 j 03:19                        | 23° <b>√</b> 46'57                       |             |                        |  | ~ *·                                    |            |
|                                 | -447 Dec 23 j 19:07                        | 0°る                                      | <del></del> | superior conj          | -446 Nov 30 j 08:56                        | 3° <b>≯</b> 28'38                       | -1°32'08   |
| evening rise                    | -446 Jan 01 j 05:08                        | 14° <b>る</b> 44'55                       |             | minimum elong          | -446 Nov 30 j 01:01                        | 2° <b>₹</b> 56'48                       | 1°31'24    |
| Č                               | -446 Jan 09 j 22:48                        | 0° <b>≈</b>                              |             | evening rise           | -446 Dec 14 j 03:37                        | 26° <b>х</b> 14′10                      |            |
| asc. node                       | -446 Jan 14 j 15:53                        | 7° <b>≈</b> 13'17                        |             | -                      | -446 Dec 16 j 09:02                        | ರ°0                                     |            |
| evening max el                  | -446 Jan 18 j 06:13                        | 11° <b>≈</b> 31'32                       | 18°07'52    | asc. node              | -445 Jan 01 j 12:55                        | 24° <b>る</b> 34'14                      |            |
|                                 | -  |  |             |                        |  |   |            |

| -                | nical year style is used: The         |                                       | •          | · / /            |                     |                       | 50 244     |
|------------------|---------------------------------------|---------------------------------------|------------|------------------|---------------------|-----------------------|------------|
| evening max el   | -445 Jan 01 j 18:46                   | 24° <b>る</b> 49'15                    |            | evening set      | -445 Dec 26 j 04:11 | 11° <b>る</b> 04'41    |            |
| retrograde       | -445 Jan 08 j 06:49                   | 28° <b>る</b> 20'42                    |            | inferior conj    | -445 Dec 31 j 22:01 | 5° <b>る</b> 22'25     | 3°24'40    |
| evening set      | -445 Jan 11 j 05:22                   | 27° <b>る</b> 34'27                    |            | minimum elong    | -445 Dec 31 j 19:29 | 5° <b>る</b> 30'13     |            |
| inferior conj    | -445 Jan 17 j 06:23                   | 22° <b>ට</b> 09'41                    | 3°45'45    | min. Earth dist. | -444 Jan 02 j 15:21 |                       | 0.65248 AU |
| minimum elong    | -445 Jan 17 j 04:50                   | 22° <b>ප</b> 14'01                    | 3°45'37    |                  | -444 Jan 05 j 14:21 | 30°R. <b>✓</b>        |            |
| min. Earth dist. | -445 Jan 19 j 14:59                   | 19° <b>る</b> 31'24                    | 0.63724 AU | morning rise     | -444 Jan 06 j 10:25 | 29° <b>х</b> 13′52    |            |
| morning rise     | -445 Jan 23 j 03:41                   | 16° <b>る</b> 07'15                    | 0.05/2.110 | direct           | -444 Jan 13 j 02:10 | 26° <b>₹</b> 22'04    |            |
| direct           | -445 Jan 30 j 02:57                   | 13° <b>る</b> 19'23                    |            | un eet           | -444 Jan 21 j 16:36 | 0°る                   |            |
| desc. node       | -445 Feb 10 j 11:50                   | 18° <b>る</b> 57'15                    |            | morning max el   | -444 Jan 26 j 05:42 | 4° <b>る</b> 02'24     | 26°54'18   |
| morning max el   | -445 Feb 12 j 19:56                   | 21°る09'07                             | 27°36'31   | desc. node       | -444 Jan 28 j 08:54 | 6°る16'20              | 20 0 . 10  |
| morning man vi   | -445 Feb 20 j 13:00                   | 0°≈                                   | 2, 3031    | dose. Hode       | -444 Feb 14 j 23:27 | 0°≈                   |            |
|                  | -445 Mar 11 j 23:28                   | 0° <b>)</b> €                         |            | morning set      | -444 Mar 02 j 00:36 | 27° <b>≈</b> 51'15    |            |
| morning set      | -445 Mar 19 j 13:25                   | 14° <b>)</b> 19′30                    |            | morning sec      | -444 Mar 03 j 03:17 | 0° <b>)</b> €         |            |
| max. Earth dist. | -445 Mar 24 j 16:52                   |                                       | 1.33247 AU | max. Earth dist. | -444 Mar 06 j 11:12 |                       | 1.34323 AU |
|                  | · · · · · · · · · · · · · · · · · · · | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |            |                  |                     | . , (                 |            |
| superior conj    | -445 Mar 27 j 08:33                   | 0° <b>Υ</b> 28'54                     | -0°32'45   | superior conj    | -444 Mar 10 j 10:33 | 14° <b>)(</b> 44'42   | -0°59'08   |
| minimum elong    | -445 Mar 27 j 10:06                   | 0° <b>Ƴ</b> 37'16                     | 0°32'26    | minimum elong    | -444 Mar 10 j 13:20 | 14° <b>¥</b> 59'10    | 0°58'38    |
| C                | -445 Mar 27 j 03:08                   | $_{0}$ $^{\circ}$ $\Upsilon$          |            | asc. node        | -444 Mar 16 j 09:17 | 27° <b>)</b> 15′30    |            |
| asc. node        | -445 Mar 30 j 12:15                   | 7° <b>Ƴ</b> 15'44                     |            | evening rise     | -444 Mar 17 j 21:44 | 0° <b>Y</b> 26′01     |            |
| evening rise     | -445 Apr 03 j 11:50                   | 15° <b>Ƴ</b> 46′03                    |            | C                | -444 Mar 17 j 16:44 | $_{0}$ ° $\gamma$     |            |
| Č                | -445 Apr 10 j 15:27                   | 0°B                                   |            |                  | -444 Apr 04 j 09:37 | 0°8                   |            |
| evening max el   | -445 Apr 25 j 22:27                   | 21° <b>8</b> 45'33                    | 22°55'07   | evening max el   | -444 Apr 06 j 19:23 | 2° <b>8</b> 32'10     | 21°23'58   |
| retrograde       | -445 May 09 j 05:54                   | 28° <b>8</b> 21'34                    |            | retrograde       | -444 Apr 18 j 20:48 | 8° <b>8</b> 23'48     |            |
| desc. node       | -445 May 09 j 11:03                   | 28° <b>8</b> 21'28                    |            | evening set      | -444 Apr 21 j 06:14 | 8° <b>8</b> 10'42     |            |
| evening set      | -445 May 12 j 14:07                   | 27° <b>8</b> 57'05                    |            | desc. node       | -444 Apr 25 j 08:04 | 6° <b>8</b> 54'27     |            |
| min. Earth dist. | -445 May 20 j 07:34                   |                                       | 0.55539 AU | inferior conj    | -444 Apr 30 j 15:23 | 4° <b>8</b> 10'10     | -1°30'12   |
| inferior conj    | -445 May 21 j 20:09                   | 23° <b>8</b> 39'34                    |            | minimum elong    | -444 Apr 30 j 11:10 | 4° <b>8</b> 16'05     |            |
| minimum elong    | -445 May 21 j 13:01                   | 23° <b>8</b> 49'53                    |            | min. Earth dist. | -444 Apr 30 j 20:29 | 4° <b>8</b> 02'59     | 0.55002 AU |
| morning rise     | -445 May 30 j 14:21                   | 19° <b>8</b> 45'27                    |            | morning rise     | -444 May 09 j 16:35 | 0° <b>8</b> 09'53     |            |
| direct           | -445 Jun 02 j 08:01                   | 19° <b>8</b> 27'47                    |            | S                | -444 May 10 j 13:17 | 30°R <b>Ƴ</b>         |            |
| morning max el   | -445 Jun 13 j 07:09                   | 24° <b>8</b> 32'55                    | 20°40'17   | direct           | -444 May 12 j 18:41 | 29° <b>Ƴ</b> 49'07    |            |
| . 8              | -445 Jun 18 j 03:50                   | 0°II                                  |            |                  | -444 May 14 j 23:17 | 0°8                   |            |
| asc. node        | -445 Jun 26 j 11:30                   | 13° <b>Ⅱ</b> 17'53                    |            | morning max el   | -444 May 25 j 08:33 | 5° <b>8</b> 47'12     | 22°10'32   |
| morning set      | -445 Jul 02 j 08:38                   | 24° <b>∏</b> 51'14                    |            | C                | -444 Jun 10 j 22:40 | 0°II                  |            |
| C                | -445 Jul 04 j 20:30                   | 0ം <b>ഉ</b>                           |            | asc. node        | -444 Jun 12 j 08:33 | 2° <b>Ⅱ</b> 45'33     |            |
|                  | ,                                     |                                       |            | morning set      | -444 Jun 15 j 18:26 | 9° <b>Ⅱ</b> 42'31     |            |
| superior conj    | -445 Jul 09 j 22:22                   | 10° <b>©</b> 28'58                    | 1°42'45    | •                | v                   |                       |            |
| minimum elong    | -445 Jul 09 j 20:48                   | 10°ഇ20'54                             | 1°42'39    | superior conj    | -444 Jun 23 j 00:14 | 25° <b>Ⅱ</b> 01'07    | 1°31'50    |
| max. Earth dist. | -445 Jul 14 j 15:02                   | 19° <b>©</b> 52'12                    | 1.35969 AU | minimum elong    | -444 Jun 22 j 21:53 | 24° <b>Ⅱ</b> 48'47    | 1°31'36    |
| evening rise     | -445 Jul 18 j 17:28                   | 27°5641'50                            |            |                  | -444 Jun 25 j 09:28 | 0°€                   |            |
| -                | -445 Jul 19 j 23:22                   | $0^{\circ}\Omega$                     |            | max. Earth dist. | -444 Jun 26 j 07:04 | 1° <b>©</b> 51'15     | 1.34497 AU |
| desc. node       | -445 Aug 05 j 10:27                   | 27° <b>Ω</b> 11'30                    |            | evening rise     | -444 Jul 01 j 00:05 | 11° <b>©</b> 16'03    |            |
|                  | -445 Aug 07 j 08:44                   | 0° <b>m</b>                           |            |                  | -444 Jul 11 j 08:29 | $0^{\circ}\Omega$     |            |
| evening max el   | -445 Aug 23 j 09:46                   | 19° <b>m</b> 45'55                    | 26°15'53   | desc. node       | -444 Jul 22 j 07:27 | 16° <b>Ω</b> 54'05    |            |
| retrograde       | -445 Sep 05 j 01:39                   | 26° M 55'52                           |            |                  | -444 Aug 01 j 17:33 | 0° <b>m</b>           |            |
| evening set      | -445 Sep 11 j 11:17                   | 24° Mp 15'31                          |            | evening max el   | -444 Aug 04 j 21:29 | 3° <b>m</b> 14'59     | 27°03'11   |
| min. Earth dist. | -445 Sep 15 j 15:03                   | 19° <b>m</b> 50'02                    | 0.66373 AU | retrograde       | -444 Aug 18 j 03:28 | 10° <b>m</b> 33'56    |            |
| inferior conj    | -445 Sep 17 j 02:18                   | 18° <b>m</b> 01'19                    | -1°47'36   | evening set      | -444 Aug 25 j 00:49 | 7° Mp47'42            |            |
| minimum elong    | -445 Sep 17 j 05:01                   | 17° <b>m</b> 52'58                    | 1°46'31    | min. Earth dist. | -444 Aug 28 j 21:26 | 3° <b>m</b> 59'27     | 0.65261 AU |
| asc. node        | -445 Sep 22 j 10:40                   | 12° <b>m</b> 31'17                    |            | inferior conj    | -444 Aug 30 j 21:22 | 1° Mp 42'46           | -2°41'55   |
| morning rise     | -445 Sep 22 j 23:05                   | 12° <b>m</b> 11'44                    |            | minimum elong    | -444 Aug 31 j 01:19 | 1° mp 31'30           | 2°40'32    |
| direct           | -445 Sep 26 j 01:13                   | 11° <b>m</b> )17'18                   |            |                  | -444 Sep 01 j 10:08 | $30^\circ$ R $\Omega$ |            |
| morning max el   | -445 Oct 02 j 20:56                   | 15° Mp 05′27                          | 18°49'33   | morning rise     | -444 Sep 06 j 02:28 | 26° <b>Ω</b> 06'36    |            |
|                  | -445 Oct 13 j 21:18                   | 0∘ <b>ত</b>                           |            | asc. node        | -444 Sep 08 j 07:44 | 25° <b>Ω</b> 26'16    |            |
| morning set      | -445 Oct 24 j 06:42                   | 16° <b>≏</b> 20'22                    |            | direct           | -444 Sep 08 j 21:22 | 25° <b>Ω</b> 24'30    |            |
| desc. node       | -445 Nov 01 j 09:46                   | 29° <b>ഫ</b> 09'59                    |            | morning max el   | -444 Sep 15 j 10:31 | 28° <b>Ω</b> 57'27    | 18°13'57   |
|                  | -445 Nov 01 j 22:29                   | $0^{\circ}$ M.                        |            |                  | -444 Sep 16 j 10:06 | O° Mp                 |            |
| max. Earth dist. | -445 Nov 08 j 19:15                   | 10°M47'40                             | 1.44952 AU | morning set      | -444 Oct 04 j 02:01 | 26° M 55'15           |            |
|                  |                                       |                                       |            |                  | -444 Oct 05 j 22:56 | 0∘ <b>ত</b>           |            |
| superior conj    | -445 Nov 09 j 13:27                   | 11°ML59'17                            | -0°51'39   | desc. node       | -444 Oct 18 j 06:47 | 19° <b>≏</b> 54'22    |            |
| minimum elong    | -445 Nov 09 j 06:58                   | 11°ML33'49                            | 0°50'51    |                  |                     |                       |            |
|                  | -445 Nov 20 j 22:10                   | 0° <b>∡</b> ¹                         |            | superior conj    | -444 Oct 18 j 15:38 | 20° <b>≏</b> 29'28    | -0°02'26   |
| evening rise     | -445 Nov 25 j 03:14                   | 6° <b>∡</b> ¹45'42                    |            | minimum elong    | -444 Oct 18 j 15:18 | 20° <b>≏</b> 28'11    | 0°02'24    |
|                  | -445 Dec 09 j 19:54                   | 0°ರ                                   |            | behind sun begin | -444 Oct 18 j 04:24 | 19° <b>≏</b> 44'54    |            |
| evening max el   | -445 Dec 16 j 05:55                   | 8° <b>る</b> 13'33                     | 18°48'36   | behind sun end   | -444 Oct 19 j 02:13 | 21° <b>≏</b> 11'26    |            |
| asc. node        | -445 Dec 19 j 09:56                   | 10° <b>る</b> 52'35                    |            | max. Earth dist. | -444 Oct 21 j 13:48 | 25° <b>≏</b> 06'47    | 1.44890 AU |
| retrograde       | -445 Dec 23 j 00:10                   | 12° <b>る</b> 02'06                    |            |                  | -444 Oct 24 j 16:25 | $0^{\circ}$ M         |            |
|                  |                                       |                                       |            |                  |                     |                       |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 245 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomic | cal year style is used: 7 | The year -900 in                        | astronomical coun | ting style is the year 9 | 901 BCE in historical cou | nting style.              |            |
|-----------------------|---------------------------|---|-------------------|--------------------------|---------------------------|---------------------------|------------|
| evening rise          | -444 Nov 04 j 03:23       | 16° <b>M</b> 19'39                      |                   |                          | -443 Nov 07 j 05:43       | 0° <b>∡</b> 7             |            |
|                       | -444 Nov 12 j 22:54       | 0° <b>∡</b> ¹                           |                   | evening max el           | -443 Nov 11 j 15:57       | 5° <b>∡</b> 108'42        | 20°35'40   |
| greatest brilliancy   | -444 Nov 16 j 04:52       | 4° <b>∡</b> 757'53                      | -0.7m             | retrograde               | -443 Nov 19 j 18:32       | 9° <b>∡¹</b> 55'59        |            |
| evening max el        | -444 Nov 28 j 13:30       | 21° <b>х</b> 40′40                      | 19°34'50          | asc. node                | -443 Nov 22 j 04:01       | 9° <b>∡</b> ¹23'18        |            |
| asc. node             | -444 Dec 05 j 06:58       | 25° <b>₹</b> '53'13                     |                   | evening set              | -443 Nov 23 j 14:48       | 8° <b>҂</b> ³30'55        |            |
| retrograde            | -444 Dec 05 j 20:56       | 25° <b>₹</b> '55'08                     |                   | inferior conj            | -443 Nov 29 j 00:39       | 2° <b>҂</b> 722'41        | 2°12'02    |
| evening set           | -444 Dec 09 j 08:04       | 24° <b>∡</b> ¹44'56                     |                   | minimum elong            | -443 Nov 28 j 22:05       |                           | 2°11'08    |
| inferior conj         | -444 Dec 14 j 20:58       | 18° <b>∡</b> ¹48'06                     | 2°52'29           | min. Earth dist.         | -443 Nov 29 j 15:18       | 1° <b>∡</b> ³32'51        | 0.67143 AU |
| minimum elong         | -444 Dec 14 j 18:08       | 18° <b>∡</b> ′57′23                     | 2°51'41           |                          | -443 Nov 30 j 19:06       | 30°RM₊                    |            |
| min. Earth dist.      | -444 Dec 16 j 00:11       | 17° <b>∡</b> 19'11                      | 0.66382 AU        | morning rise             | -443 Dec 04 j 05:10       | 26°M09'04                 |            |
| morning rise          | -444 Dec 20 j 03:57       | 12° <b>∡</b> ³35'55                     |                   | direct                   | -443 Dec 09 j 18:08       | 23°M42'50                 |            |
| direct                | -444 Dec 26 j 07:31       | 9° <b>⋌</b> ¹52'35                      |                   |                          | -443 Dec 20 j 13:34       | 0° <b>∡</b> ¹             |            |
| morning max el        | -443 Jan 07 j 15:00       | 17° <b>⋌</b> 10'37                      | 25°47'06          | morning max el           | -443 Dec 20 j 23:18       | 0° <b>∡</b> 124'17        | 24°24'36   |
| desc. node            | -443 Jan 14 j 05:59       | 24° <b>×</b> <sup>7</sup> 40'38         | 20 17 00          | desc. node               | -442 Jan 01 j 03:01       | 13° <b>₹</b> 50'43        | 2.2.30     |
| desc. Hode            | -443 Jan 18 j 08:47       | ್ತಿಕ                                    |                   | desc. Hode               | -442 Jan 12 j 07:17       | 0° <b>ਰ</b>               |            |
|                       | -443 Feb 06 j 22:07       | 0° <b>≈</b>                             |                   | morning set              | -442 Jan 25 j 21:41       | 22°る15'28                 |            |
| morning set           | -443 Feb 12 j 21:17       | 0 <b>~</b><br>10° <b>≈</b> 35'36        |                   | max. Earth dist.         | -442 Jan 29 j 14:28       | 28° <b>る</b> 49'58        | 1.37774 AU |
| max. Earth dist.      | -443 Feb 16 j 17:32       |   | 1.35851 AU        | max. Earth dist.         | -442 Jan 30 j 05:54       | 28° <b>○</b> 4938         | 1.37774 AO |
| max. Earm dist.       | -443 Feb 10 j 17.32       | 17 ~4731                                | 1.55651 AU        |                          | -442 Jan 30 J 03.34       | 0 ~                       |            |
| superior conj         | -443 Feb 22 j 04:50       | 28° <b>≈</b> 32'54                      | -1°23'42          | superior conj            | -442 Feb 05 j 12:00       | 11° <b>≈</b> 43'37        | -1°44'19   |
| minimum elong         | -443 Feb 22 j 08:28       | 28°≈51'10                               |                   | minimum elong            | -442 Feb 05 j 15:39       | 12° <b>≈</b> 01'16        |            |
| minimum viong         | -443 Feb 22 j 22:06       | 0° <b>₩</b>                             | . 20              | evening rise             | -442 Feb 14 j 04:01       | 28°≈48'10                 | 1 .500     |
| evening rise          | -443 Mar 02 j 03:55       | 14° <b>∺</b> 49'12                      |                   | evening rise             | -442 Feb 14 j 18:33       | 0° <b>₩</b>               |            |
| asc. node             | -443 Mar 03 j 06:18       | 17° <b>₩</b> 03'02                      |                   | asc. node                | -442 Feb 18 j 03:20       | 6° <b>∺</b> 32'36         |            |
| asc. node             | -443 Mar 10 j 01:23       | 0° <b>Υ</b>                             |                   | evening max el           | -442 Mar 02 j 21:41       | 25°\(\frac{1}{50}\)'54    | 19°07'41   |
| evening max el        | -443 Mar 20 j 03:02       | 13° <b>Υ</b> ′52'38                     | 20006127          | evening max er           | -442 Mar 10 j 16:33       | 25 <b>γ</b> (303 <b>4</b> | 17 07 41   |
| •                     | -                         | 13 <b>γ</b> 52 38<br>18° <b>γ</b> 50'48 | 20 00 37          | ratragrada               |                           | 0° <b>Υ</b> 02'52         |            |
| retrograde            | -443 Mar 30 j 11:51       | 18° <b>Y</b> 39'14                      |                   | retrograde               | -442 Mar 11 j 15:19       |                           |            |
| evening set           | -443 Apr 01 j 14:43       |   | 0020125           |                          | -442 Mar 12 j 14:20       | 30° <b>₹</b> ₩            |            |
| inferior conj         | -443 Apr 10 j 12:48       | 14° <b>Y</b> 40′09                      | 0°28'35           | evening set              | -442 Mar 13 j 21:18       | 29° <b>升</b> 47′22        | 2000120    |
| minimum elong         | -443 Apr 10 j 14:05       | 14° <b>℃</b> 38'14                      | 0°28'09           | inferior conj            | -442 Mar 22 j 01:08       |                           | 2°08'30    |
| desc. node            | -443 Apr 12 j 05:06       | 13° <b>℃</b> 39'41                      | 0.55400.477       | minimum elong            | -442 Mar 22 j 05:25       | 25° <b>∺</b> 28′00        | 2°07'15    |
| min. Earth dist.      | -443 Apr 12 j 10:36       | 13° <b>℃</b> 31'33                      | 0.55430 AU        | min. Earth dist.         | -442 Mar 25 j 02:01       | 23° <b>₩</b> 31'14        | 0.56726 AU |
| morning rise          | -443 Apr 19 j 11:28       | 10° <b>Y</b> 15′06                      |                   | morning rise             | -442 Mar 30 j 10:36       | 20° <b>₩</b> 37'53        |            |
| direct                | -443 Apr 23 j 08:43       | 9° <b>℃</b> 41'59                       |                   | desc. node               | -442 Mar 30 j 02:09       | 20° <b>)</b> (46′14       |            |
| morning max el        | -443 May 07 j 01:53       | 16° <b>Y</b> ′28'39                     | 23°50'37          | direct                   | -442 Apr 04 j 10:56       | 19° <b>)</b> 39′05        |            |
|                       | -443 May 17 j 21:40       | 0° <b>8</b>                             |                   | morning max el           | -442 Apr 18 j 16:28       | 26° <b>¥</b> 58'32        | 25°27'47   |
| asc. node             | -443 May 30 j 05:37       | 22° <b>8</b> 32'31                      |                   |                          | -442 Apr 21 j 14:21       | 0°Υ                       |            |
| morning set           | -443 May 31 j 06:08       | 24° <b>8</b> 40'35                      |                   |                          | -442 May 11 j 00:06       | $0^{\circ}$ 8             |            |
|                       | -443 Jun 02 j 18:12       | $\Pi$ $\circ 0$                         |                   | morning set              | -442 May 15 j 18:00       | 9° <b>8</b> 38'57         |            |
|                       |                           |   |                   | asc. node                | -442 May 17 j 02:39       | 12° <b>8</b> 32'07        |            |
| superior conj         | -443 Jun 07 j 07:29       | 9° <b>Ⅱ</b> 49'50                       |                   |                          |                           |                           |            |
| minimum elong         | -443 Jun 07 j 04:58       | 9° <b>Ⅱ</b> 36′20                       | 1°15'40           | superior conj            | -442 May 22 j 17:52       | 24° <b>8</b> 46'46        | 0°56'23    |
| max. Earth dist.      | -443 Jun 09 j 08:33       | 14° <b>Ⅱ</b> 12'41                      | 1.33418 AU        | minimum elong            | -442 May 22 j 15:42       | 24° <b>8</b> 34'55        | 0°55'59    |
| evening rise          | -443 Jun 14 j 18:19       | 25° <b>Ⅱ</b> 25'36                      |                   | max. Earth dist.         | -442 May 23 j 17:15       | 26° <b>8</b> 54'20        | 1.32722 AU |
|                       | -443 Jun 17 j 01:47       | $0$ $\circ$                             |                   |                          | -442 May 25 j 03:28       | $\Pi$ $^{\circ}0$         |            |
|                       | -443 Jul 04 j 19:17       | $0$ $^{\circ}$ $\Omega$                 |                   | evening rise             | -442 May 29 j 20:34       | 9° <b>Ⅱ</b> 58'35         |            |
| desc. node            | -443 Jul 09 j 04:26       | 6° <b>Ω</b> 00′24                       |                   |                          | -442 Jun 09 j 09:19       | $0$ $\circ$ $\odot$       |            |
| evening max el        | -443 Jul 18 j 08:24       | 16° <b>Ω</b> 26′34                      | 27°24'46          | desc. node               | -442 Jun 26 j 01:27       | 24° <b>©</b> 14'49        |            |
| retrograde            | -443 Jul 31 j 23:31       | 23° <b>Ω</b> 46′52                      |                   | evening max el           | -442 Jun 30 j 16:12       | 29° <b>5</b> 07'14        | 27°15'16   |
| evening set           | -443 Aug 08 j 03:39       | 21° <b>Ω</b> 05′51                      |                   |                          | -442 Jul 01 j 14:58       | $0$ ° $\Omega$            |            |
| min. Earth dist.      | -443 Aug 11 j 18:56       | 17° <b>Ω</b> 51'32                      | 0.63785 AU        | retrograde               | -442 Jul 14 j 12:52       | 6° <b>Ω</b> 25'00         |            |
| inferior conj         | -443 Aug 14 j 08:03       | 15° <b>Ω</b> 13'39                      | -3°31'53          | evening set              | -442 Jul 21 j 15:53       | 4° <b>Ω</b> 02'40         |            |
| minimum elong         | -443 Aug 14 j 12:42       | 15° <b>Ω</b> 01'37                      | 3°30'37           | min. Earth dist.         | -442 Jul 25 j 06:12       | 1° <b>Ω</b> 13'52         | 0.61975 AU |
| morning rise          | -443 Aug 20 j 22:45       | 9° <b>Ω</b> 53'58                       |                   |                          | -442 Jul 26 j 14:51       | 30° <b>₹</b> ∽            |            |
| direct                | -443 Aug 23 j 12:53       | 9° <b>Ω</b> 20'49                       |                   | inferior conj            | -442 Jul 28 j 07:16       | 28° <b>5</b> 26'23        | -4°13'09   |
| asc. node             | -443 Aug 26 j 04:48       | 9° <b>Ω</b> 56'19                       |                   | minimum elong            | -442 Jul 28 j 11:30       | 28° <b>©</b> 16'39        | 4°12'24    |
| morning max el        | -443 Aug 30 j 02:07       | 12° <b>Ω</b> 46'45                      | 17°55'39          | morning rise             | -442 Aug 04 j 08:32       | 23° <b>©</b> 26'25        |            |
|                       | -443 Sep 10 j 21:28       | 0° <b>m</b> y                           |                   | direct                   | -442 Aug 06 j 20:27       | 22° <b>©</b> 59'24        |            |
| morning set           | -443 Sep 15 j 23:44       | 8° m/46'24                              |                   | asc. node                | -442 Aug 13 j 01:52       | 25° <b>©</b> 51'22        |            |
| -                     | ÷ *                       | -                                       |                   | morning max el           | -442 Aug 13 j 16:52       | 26°526'34                 | 17°55'47   |
| superior conj         | -443 Sep 28 j 12:15       | 29° <b>m</b> 56'29                      | 0°43'01           | Č                        | -442 Aug 16 j 18:48       | $0^{\circ}\Omega$         |            |
| minimum elong         | -443 Sep 28 j 16:34       | 0° <b>ユ</b> 14'12                       |                   | morning set              | -442 Aug 29 j 18:00       | 21° <b>Ω</b> 36'52        |            |
| - 3                   | -443 Sep 28 j 13:06       | 0∘ <b>⊽</b>                             |                   | C                        | -442 Sep 03 j 09:32       | 0° m)                     |            |
| max. Earth dist.      | -443 Oct 04 j 06:39       | 9° <b>≏</b> 16'37                       | 1.44117 AU        |                          | 1 3                       | 7                         |            |
| desc. node            | -443 Oct 05 j 03:48       | 10° <b>≗</b> 40'56                      |                   | superior conj            | -442 Sep 09 j 12:14       | 10° <b>m</b> ) 44'44      | 1°16'48    |
| evening rise          | -443 Oct 14 j 11:47       | 25° <b>≗</b> 17'15                      |                   | minimum elong            | -442 Sep 09 j 17:09       | 11° Mp 05'56              | 1°16'17    |
|                       | -443 Oct 17 j 13:27       | 0°M₁                                    |                   | max. Earth dist.         | -442 Sep 16 j 19:46       |                           | 1.42732 AU |
|                       | 15.27                     | - 114                                   |                   | Julian dist.             | 25p 10 J 17.10            |                           |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 246 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | nical year style is used: The              | he year -900 in                      | astronomical cou | inting style is the year 9 | 901 BCE in historical cou                  |  |            |
|---------------------|--|--------------------------------------|------------------|----------------------------|--|--|------------|
|                     | -442 Sep 21 j 03:02                        | 0∘ <b>亚</b>                          |                  |                            | -441 Sep 14 j 00:16                        | 0₀ <b>⊽</b>                            |            |
| desc. node          | -442 Sep 22 j 00:49                        | 1° <b>≏</b> 26'40                    |                  |                            | -441 Oct 06 j 03:47                        | $0^{\circ}$ M                          |            |
| evening rise        | -442 Sep 23 j 21:20                        | 4° <b>≏</b> 22'23                    |                  | evening max el             | -441 Oct 08 j 04:10                        | 2°M07'29                               | 23°06'42   |
|                     | -442 Oct 10 j 23:14                        | 0°M₊                                 |                  | retrograde                 | -441 Oct 18 j 09:05                        | 8°M10'21                               |            |
| evening max el      | -442 Oct 25 j 12:40                        | 18°MJ37'37                           | 21°47'46         | evening set                | -441 Oct 23 j 05:40                        | 6° <b>™</b> 10'16                      |            |
| retrograde          | -442 Nov 03 j 15:04                        | 24°M.02'11                           |                  | asc. node                  | -441 Oct 26 j 22:09                        | 2°M04'53                               |            |
| evening set         | -442 Nov 07 j 22:34                        | 22°M20'14                            |                  |                            | -441 Oct 28 j 10:58                        | 30° <b>₹</b> Ω                         | 002415     |
| asc. node           | -442 Nov 09 j 01:04                        | 21°M20'55                            | 1005106          | inferior conj              | -441 Oct 28 j 14:03                        | 29° <b>£</b> 49'23                     | 0°34'17    |
| inferior conj       | -442 Nov 13 j 06:58                        | 16°M03'54                            |                  | minimum elong              | -441 Oct 28 j 13:15                        | 29° <b>£</b> 52'08                     | 0°33'57    |
| minimum elong       | -442 Nov 13 j 05:07                        | 16°ML10'17                           | 1°24'41          | min. Earth dist.           | -441 Oct 28 j 06:54                        | 0°M13'58                               | 0.67639 AU |
| min. Earth dist.    | -442 Nov 13 j 10:21                        |                                      | 0.67556 AU       | morning rise               | -441 Nov 02 j 20:46                        | 23° <b>Ω</b> 39'30                     |            |
| morning rise        | -442 Nov 18 j 11:30                        | 9°M51'01                             |                  | direct                     | -441 Nov 07 j 03:55                        | 21° <b>£</b> 57'38                     | 21022140   |
| direct              | -442 Nov 23 j 09:14                        | 7°M46'30                             | 22056154         | morning max el             | -441 Nov 15 j 23:25                        | 27° <b>Ω</b> 08'03                     | 21°32′40   |
| morning max el      | -442 Dec 03 j 08:56                        | 13° <b>M</b> .42'27<br>0° <b>∡</b> 7 | 22-30-34         | daga mada                  | -441 Nov 18 j 14:43                        | 0° <b>M</b><br>23° <b>M</b> 39'22      |            |
| desc. node          | -442 Dec 16 j 11:36<br>-442 Dec 19 j 00:04 | 0 <b>x</b> .<br>3° <b>x</b> 33'31    |                  | desc. node                 | -441 Dec 05 j 21:06<br>-441 Dec 10 j 02:11 | 23 1163922<br>0° <b>√</b> 1            |            |
| desc. Hode          | -441 Jan 05 j 05:54                        | 0°る                                  |                  | morning set                | -441 Dec 17 j 12:33                        | 11° <b>∡</b> 32'32                     |            |
| morning set         | -441 Jan 06 j 19:37                        | 0 3<br>2° <b>る</b> 35'17             |                  | max. Earth dist.           | -441 Dec 24 j 10:50                        | 22° <b>х</b> 44'36                     | 1.41920 AU |
| max. Earth dist.    | -441 Jan 11 j 10:01                        | 2 රි3317<br>10° <b>රි</b> 21'10      | 1.39894 AU       | max. Earth dist.           | -441 Dec 28 j 18:49                        | 22 <b>メ</b> 44 30                      | 1.41920 AO |
| max. Lattii dist.   | -441 Jan 11 j 10.01                        | 10 021 10                            | 1.57674 AU       |                            | -441 Dec 20 j 10.47                        | v <b>O</b>                             |            |
| superior conj       | -441 Jan 19 j 03:43                        | 24° <b>ට</b> 05'41                   | -1°57'57         | superior conj              | -441 Dec 31 j 22:35                        | 5° <b>る</b> 25'19                      | -2°00'37   |
| minimum elong       | -441 Jan 19 j 05:56                        | 24°₹15'48                            |                  | minimum elong              | -441 Dec 31 j 21:18                        | 5° <b>⋜</b> 19'43                      |            |
|                     | -441 Jan 22 j 08:12                        | 0° <b>≈</b>                          |                  | evening rise               | -440 Jan 11 j 21:54                        | 25° <b>る</b> 04'09                     |            |
| evening rise        | -441 Jan 28 j 19:12                        | 12°≈15'56                            |                  | Ü                          | -440 Jan 14 j 14:46                        | 0° <b>≈</b>                            |            |
| asc. node           | -441 Feb 05 j 00:23                        | 25° <b>≈</b> 37'58                   |                  | asc. node                  | -440 Jan 22 j 21:26                        | 14° <b>≈</b> 10'58                     |            |
|                     | -441 Feb 07 j 15:11                        | 0° <b>∀</b>                          |                  | evening max el             | -440 Jan 28 j 10:25                        | 21° <b>≈</b> 17'07                     | 18°09'47   |
| evening max el      | -441 Feb 14 j 01:09                        | 8° <b>∺</b> 21'54                    | 18°28'42         | retrograde                 | -440 Feb 04 j 05:44                        | 24° <b>≈</b> 44'30                     |            |
| retrograde          | -441 Feb 21 j 13:44                        | 12° <b>)</b> €03'36                  |                  | evening set                | -440 Feb 06 j 21:12                        | 24°≈13'42                              |            |
| evening set         | -441 Feb 24 j 00:45                        | 11° <b>)</b> 41′10                   |                  | inferior conj              | -440 Feb 13 j 15:22                        | 19° <b>≈</b> 20'34                     | 3°45'26    |
| inferior conj       | -441 Mar 03 j 10:13                        | 7° <b>)</b> €09'14                   | 3°13'42          | minimum elong              | -440 Feb 13 j 16:56                        | 19° <b>≈</b> 16'56                     | 3°45'19    |
| minimum elong       | -441 Mar 03 j 13:59                        | 7° <b>∺</b> 01'41                    | 3°12'58          | min. Earth dist.           | -440 Feb 16 j 21:03                        | 16° <b>≈</b> 21'14                     | 0.60679 AU |
| min. Earth dist.    | -441 Mar 06 j 20:28                        | 4° <b>)</b> 25′45                    | 0.58596 AU       | morning rise               | -440 Feb 20 j 10:56                        | 13° <b>≈</b> 34'47                     |            |
| morning rise        | -441 Mar 11 j 00:40                        | 1° <b>)</b> 43′14                    |                  | direct                     | -440 Feb 27 j 05:07                        | 11° <b>≈</b> 23′01                     |            |
| desc. node          | -441 Mar 16 j 23:13                        | 0° <b>)</b> €08'23                   |                  | desc. node                 | -440 Mar 02 j 20:15                        | 12° <b>≈</b> 20′01                     |            |
| direct              | -441 Mar 17 j 02:18                        | 0° <b>∺</b> 08′21                    |                  | morning max el             | -440 Mar 12 j 10:22                        | 19° <b>≈</b> 11′06                     | 27°34'51   |
| morning max el      | -441 Mar 31 j 10:16                        | 7° <b>)</b> 46′07                    | 26°46'42         |                            | -440 Mar 21 j 14:47                        | 0° <b>)</b> €                          |            |
|                     | -441 Apr 17 j 03:10                        | $0$ ° $\mathbf{\gamma}$              |                  |                            | -440 Apr 08 j 20:42                        | $0$ ° $\Upsilon$                       |            |
| morning set         | -441 Apr 30 j 04:25                        | 24° <b>Y</b> 32'06                   |                  | morning set                | -440 Apr 13 j 11:35                        | 9° <b>Ƴ</b> 13'57                      |            |
|                     | -441 May 02 j 18:10                        | 0°8                                  |                  | asc. node                  | -440 Apr 19 j 20:45                        | 22° <b>Y</b> 51'00                     |            |
| asc. node           | -441 May 03 j 23:42                        | 2° <b>8</b> 39'40                    |                  | max. Earth dist.           | -440 Apr 19 j 18:16                        | 22° <b>Y</b> 37'26                     | 1.32415 AU |
|                     |  |                                      |                  |                            |  | • 1000 1111 5                          |            |
| superior conj       | -441 May 07 j 05:35                        | 9° <b>8</b> 45'45                    |                  | superior conj              | -440 Apr 20 j 16:56                        | 24° <b>Y</b> 41'16                     |            |
| minimum elong       | -441 May 07 j 04:08                        | 9° <b>8</b> 37'51                    | 0°33'26          | minimum elong              | -440 Apr 20 j 16:31                        | 24°Υ39'03                              | 0°08'48    |
| max. Earth dist.    | -441 May 07 j 05:48                        | 9° <b>8</b> 47'00                    | 1.32391 AU       | behind sun begin           | -440 Apr 20 j 12:18                        | 24°Υ15'57                              |            |
| evening rise        | -441 May 14 j 04:07                        | 24° <b>8</b> 46'01                   |                  | behind sun end             | -440 Apr 20 j 20:44                        | 25° <b>Y</b> 02'10                     |            |
|                     | -441 May 16 j 17:05<br>-441 Jun 03 j 07:12 | 0°©<br>11°0                          |                  |                            | -440 Apr 23 j 03:08<br>-440 Apr 27 j 14:46 | 0° <b>と</b><br>9° <b>と</b> 40'29       |            |
| desc. node          | -441 Jun 12 j 22:29                        | າ ອີ<br>11°ອີ15'30                   |                  | evening rise               | -440 May 08 j 02:53                        | 9 <b>□</b> 40 29<br>0° <b>Ⅱ</b>        |            |
| evening max el      | -441 Jun 12 j 18:11                        | 11°905'19                            | 26°32'37         | evening max el             | -440 May 24 j 13:14                        | 22° <b>Ⅱ</b> 18'43                     | 25°20'44   |
| retrograde          | -441 Jun 26 j 18:10                        | 18°920'04                            | 20 32 37         | desc. node                 | -440 May 29 j 19:30                        | 26° <b>I</b> I33'04                    | 23 20 44   |
| evening set         | -441 Jul 03 j 08:55                        | 16°929'11                            |                  | retrograde                 | -440 Jun 07 j 14:04                        | 20 <b>H</b> 33 04 29° <b>H</b> 28'37   |            |
| min. Earth dist.    | -441 Jul 07 j 07:24                        | 13°951'23                            | 0.59949 AU       | evening set                | -440 Jun 13 j 03:23                        | 28° <b>I</b> I16'35                    |            |
| inferior conj       | -441 Jul 10 j 15:27                        | 11° <b>©</b> 31'28                   |                  | min. Earth dist.           | -440 Jun 18 j 01:05                        | 25° <b>I</b> I31'38                    | 0.57924 AU |
| minimum elong       | -441 Jul 10 j 17:28                        | 11°907'25                            |                  | inferior conj              | -440 Jun 21 j 05:12                        | 23° <b>Ⅲ</b> 19'52                     |            |
| morning rise        | -441 Jul 18 j 03:59                        | 6°933'47                             | 7 30 30          | minimum elong              | -440 Jun 21 j 03:03                        | 23° <b>II</b> 23'37                    |            |
| direct              | -441 Jul 20 j 15:49                        | 6°910'59                             |                  | morning rise               | -440 Jun 29 j 05:26                        | 19° <b>∏</b> 04'29                     | 4 30 00    |
| morning max el      | -441 Jul 28 j 03:47                        | 9° <b>9</b> 48'55                    | 18°15'21         | direct                     | -440 Jul 01 j 18:30                        | 19 <b>∏</b> 0429<br>18° <b>∏</b> 44'46 |            |
| asc. node           | -441 Jul 30 j 22:56                        | 12°956'02                            | 10 10 21         | morning max el             | -440 Jul 10 j 07:56                        | 22° <b>I</b> I45'44                    | 18°55'18   |
| 300. 11000          | -441 Aug 10 j 09:08                        | 0°Ω                                  |                  |                            | -440 Jul 16 j 05:16                        | 0°95                                   | 10 00 10   |
| morning set         | -441 Aug 13 j 03:06                        | 5° <b>Ω</b> 10'18                    |                  | asc. node                  | -440 Jul 16 j 20:00                        | 0°955'56                               |            |
|                     |  | 2 001010                             |                  | morning set                | -440 Jul 26 j 22:48                        | 19° <b>©</b> 15'47                     |            |
| superior conj       | -441 Aug 22 j 13:33                        | 22° <b>Ω</b> 48'10                   | 1°37'26          | 5                          | -440 Aug 01 j 09:52                        | 0°Ω                                    |            |
| minimum elong       | -441 Aug 22 j 16:44                        | 23° <b>£</b> 02'37                   |                  |                            | <i>5 3</i> · · · · -                       |  |            |
| 3                   | -441 Aug 26 j 14:12                        | 0° <b>m</b> )                        |                  | superior conj              | -440 Aug 04 j 10:40                        | 5° <b>Ω</b> 51'39                      | 1°46'31    |
| max. Earth dist.    | -441 Aug 30 j 03:30                        | 6° m) 08'57                          | 1.40910 AU       | minimum elong              | -440 Aug 04 j 11:38                        | 5° <b>Ω</b> 56'17                      | 1°46'29    |
| evening rise        | -441 Sep 04 j 00:24                        | 14° <b>m</b> 16'48                   |                  | max. Earth dist.           | -440 Aug 11 j 06:43                        | 18° <b>Ω</b> 31'07                     | 1.38902 AU |
| desc. node          | -441 Sep 08 j 21:51                        | 22° m 07'43                          |                  | evening rise               | -440 Aug 15 j 04:17                        | 25° <b>Ω</b> 21'43                     |            |
|                     |  |                                      |                  |                            |  |  |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 247 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom  | 140 A 17: 21:54  | -  | astronomicar cot  | inting style is the year   |   |   |   |
|--|--|--|---|--|---|---|---|
|  | -440 Aug 17 j 21:54  | 0° Mp  |   |  | -439 Aug 10 j 17:01   | 0° m/y  |   |
| desc. node   | -440 Aug 25 j 18:53  | 12° mp 40'21   |   | desc. node   | -439 Aug 12 j 15:54   | 2° m 58'53  |   |
|  | -440 Sep 06 j 16:23  | 0∘ <b>ಹ</b>  |   | evening max el   | -439 Sep 02 j 03:47   | 29° Mp 16'21  | 25°39'48  |
| evening max el   | -440 Sep 19 j 16:24  | 15° <b>≏</b> 40'23   | 24°26'25  |  | -439 Sep 02 j 21:59   | 0∘ <b>ত</b>   |   |
| retrograde   | -440 Sep 30 j 23:32  | 22° <b>≙</b> 17'16   |   | retrograde   | -439 Sep 14 j 09:32   | 6° <b>≙</b> 17'40   |   |
| evening set  | -440 Oct 06 j 10:25  | 19° <b>≏</b> 59'18   |   | evening set  | -439 Sep 20 j 10:59   | 3° <b>≏</b> 44'18   |   |
| min. Earth dist.   | -440 Oct 11 j 02:40  | 14° <b>≏</b> 36'32   | 0.67404 AU  |  | -439 Sep 23 j 23:06   | 30°₽, <b>™</b> )  |   |
| inferior conj  | -440 Oct 11 j 20:12  | 13° <b>≏</b> 37'43   | -0°19'51  | min. Earth dist.   | -439 Sep 24 j 19:10   | 28° m 57'11   | 0.66842 AU  |
| minimum elong  | -440 Oct 11 j 20:41  | 13° <b>≏</b> 36'06   |   | inferior conj  | -439 Sep 25 j 23:37   | 27° m) 26'08  |   |
| asc. node  | -440 Oct 12 j 19:12  | 12° <b>£</b> 21'14   | 0 17 50   | minimum elong  | -439 Sep 26 j 01:31   | 27° m/20'03   | 1°14'44   |
|  | -440 Oct 17 j 07:00  | 7° <b>£</b> 33'19  |   | asc. node  | -439 Sep 29 j 16:14   | 27 m/2003<br>23°m/07'19   | 1 17 77   |
| morning rise   | ,  |  |   |  |   | •   |   |
| direct   | -440 Oct 21 j 01:09  | 6° <b>£</b> 12'24  |   | morning rise   | -439 Oct 01 j 16:15   | 21° m 30'02   |   |
| morning max el   | -440 Oct 28 j 21:07  | 10° <b>≏</b> 43'48   | 20°18'12  | direct   | -439 Oct 04 j 23:33   | 20°M 26'57  |   |
|  | -440 Nov 12 j 10:48  | 0°M₊   |   | morning max el   | -439 Oct 12 j 02:14   | 24° Mp 28'26  | 19°17'24  |
| desc. node   | -440 Nov 21 j 18:09  | 14°M01'59  |   |  | -439 Oct 16 j 17:59   | 0∘ <b>⊽</b>   |   |
| morning set  | -440 Nov 25 j 10:29  | 19°M42'03  |   | morning set  | -439 Nov 04 j 13:02   | 28° <b>≏</b> 13'22  |   |
|  | -440 Dec 02 j 00:31  | 0° <b>∡</b> ¹  |   |  | -439 Nov 05 j 16:24   | 0°M   |   |
| max. Earth dist.   | -440 Dec 05 j 18:54  | 5° <b>√</b> 59'54  | 1.43574 AU  | desc. node   | -439 Nov 08 j 15:12   | 4°M36'16  |   |
|  | , ,  |  |   | max. Earth dist.   | -439 Nov 18 j 09:22   | 19° <b>M</b> 54'47  | 1.44646 AU  |
| superior conj  | -440 Dec 11 j 15:41  | 15° <b>∡</b> ³32'15  | 1047!40   | max. Lattii dist.  | -437 NOV 10 J 07.22   | 17 1163447  | 1.44040 AC  |
|  | ~  |  |   |  | 420 N 21 : 06.52  | 240 <b>m</b> 20107  | 1017147   |
| minimum elong  | -440 Dec 11 j 09:39  | 15° <b>₹</b> 07'22   | 1-4/-24   | superior conj  | -439 Nov 21 j 06:53   | 24°M30'07   |   |
|  | -440 Dec 20 j 05:47  | 0°ಕ  |   | minimum elong  | -439 Nov 20 j 22:46   |   | 1°15'54   |
| evening rise   | -440 Dec 24 j 07:59  | 7° <b>る</b> 04'47  |   |  | -439 Nov 24 j 17:34   | 0°⊀   |   |
|  | -439 Jan 07 j 05:20  | 0° <b>≈</b>  |   | evening rise   | -439 Dec 05 j 21:06   | 18° <b>∡</b> 10'05  |   |
| asc. node  | -439 Jan 08 j 18:28  | 2° <b>≈</b> 01'53  |   |  | -439 Dec 13 j 00:47   | o°S   |   |
| evening max el   | -439 Jan 10 j 22:34  | 4° <b>≈</b> 28'45  | 18°10'21  | evening max el   | -439 Dec 25 j 10:53   | 17°る50'40   | 18°29'36  |
| retrograde   | -439 Jan 17 j 10:49  | 7°≈55'26   |   | asc. node  | -439 Dec 26 j 15:30   | 18° <b>る</b> 58'34  |   |
| evening set  | -439 Jan 20 j 06:34  | 7°≈15'15   |   | retrograde   | -438 Jan 01 j 00:41   | 21° <b>る</b> 28'04  |   |
| inferior conj  | -439 Jan 26 j 12:58  |  | 3°51'15   | evening set  | -438 Jan 04 j 01:22   | 20°る37'20   |   |
| minimum elong  | -439 Jan 26 j 12:22  | 2°≈03'20   | 3°51'14   | inferior conj  | -438 Jan 09 j 23:03   |   | 3°38'23   |
| minimum ciong  | •  |  | 3 31 14   | 3  | •   |   |   |
|  | -439 Jan 28 j 10:58  | 30°Rる  | 0.60605.433   | minimum elong  | -438 Jan 09 j 21:00   | 15°る11'11   | 3°38'07   |
| min. Earth dist.   | -439 Jan 29 j 06:20  | 29° <b>ろ</b> 10'05   | 0.62687 AU  | min. Earth dist.   | -438 Jan 12 j 01:14   | 12° <b>る</b> 38'55  | 0.64420 AU  |
| morning rise   | -439 Feb 01 j 17:10  | 26° <b>る</b> 03'49   |   | morning rise   | -438 Jan 15 j 16:07   | 8° <b>る</b> 59'48   |   |
| direct   | -439 Feb 08 j 17:19  | 23° <b>る</b> 24'38   |   | direct   | -438 Jan 22 j 13:04   | 6° <b>る</b> 08'09   |   |
| desc. node   | -439 Feb 17 j 17:18  | 26° <b>පි</b> 59'01  |   | desc. node   | -438 Feb 04 j 14:21   | 13° <b>る</b> 29'23  |   |
|  | -439 Feb 21 j 08:10  | 0° <b>≈</b>  |   | morning max el   | -438 Feb 05 j 00:58   | 13° <b>る</b> 55'37  | 27°22'05  |
| morning max el   | -439 Feb 22 j 16:04  | 1°≈16'37   | 27°46'16  |  | -438 Feb 18 j 02:19   | 0° <b>≈</b>   |   |
| Č  | -439 Mar 15 j 18:22  | 0° <b>)</b> €  |   |  | -438 Mar 08 j 08:36   | 0° <b>)</b> €   |   |
| morning set  | -439 Mar 28 j 13:15  | 23° <b>)</b> 36'08   |   | morning set  | -438 Mar 12 j 06:44   | 7° <b>₩</b> 29'47   |   |
| morning set  | -439 Mar 31 j 15:53  | 25 <b>γ</b> 30 08  |   | · ·  | ,   |   | 1.33648 AU  |
| E d E d  |  | 5° <b>Υ</b> 10'30  | 1 22021 ATT   | max. Earth dist.   | -438 Mar 17 j 02:47   | 1/ 大141/  | 1.33046 AU  |
| max. Earth dist.   | -439 Apr 03 j 02:33  | 5° ¥ 10'30   | 1.32821 AU  |  |   | >/  |   |
|  |  |  |   | superior conj  | -438 Mar 20 j 07:28   | 23° <b>)</b> 55'44  |   |
| superior conj  | -439 Apr 05 j 02:10  | 9° <b>Y</b> 26'34  | -0°17'22  | minimum elong  | -438 Mar 20 j 09:34   | 24° <b>₩</b> 06'50  | 0°43'38   |
| minimum elong  | -439 Apr 05 j 02:59  | 9° <b>Ƴ</b> 31'00  | 0°17'12   |  | -438 Mar 23 j 03:54   | $0^{\circ}\Upsilon$   |   |
| asc. node  | -439 Apr 06 j 17:47  | 13° <b>Ƴ</b> 01'14   |   | asc. node  | -438 Mar 24 j 14:49   | 3° <b>Y</b> 06′27   |   |
| evening rise   | -439 Apr 12 j 02:32  | 24° <b>Ƴ</b> 34'23   |   | evening rise   | -438 Mar 27 j 13:39   | 9° <b>Ƴ</b> 21'37   |   |
| -  | -439 Apr 14 j 17:12  | 0°8  |   |  | -438 Apr 07 j 10:39   | 0°B   |   |
|  | -439 May 03 j 07:12  | $\Pi^{\circ}0$   |   | evening max el   | -438 Apr 17 j 20:57   |   | 22°15'13  |
| evening max el   |  |  | 23°50'07  | •  |   |   |   |
| desc. node   | -4 19 MAY UN 1 U4 U1   |  |   | remograde  | -438 Apr 30 i 17:35   | 19*0000/  |   |
|  | -439 May 06 j 04:01  |  |   | retrograde   | -438 Apr 30 j 17:35   | 19° <b>8</b> 56'07  |   |
|  | -439 May 16 j 16:32  | 9° <b>Ⅱ</b> 30'16  |   | evening set  | -438 May 03 j 13:57   | 19° <b>8</b> 38'13  |   |
| retrograde   | -439 May 16 j 16:32<br>-439 May 19 j 22:13   | 9° <b>Д</b> 30'16<br>9° <b>Д</b> 54'10   |   | evening set desc. node   | -438 May 03 j 13:57<br>-438 May 03 j 13:31  | 19° <b>8</b> 38'13<br>19° <b>8</b> 38'27  | 0.55200 441   |
| retrograde<br>evening set  | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02  | 9° <b>Д</b> 30'16<br>9° <b>Д</b> 54'10<br>9° <b>Д</b> 16'39  |   | evening set<br>desc. node<br>min. Earth dist.  | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53   | 19° <b>8</b> 38'13<br>19° <b>8</b> 38'27<br>15° <b>8</b> 57'18  | 0.55200 AU  |
| retrograde<br>evening set<br>min. Earth dist.  | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59   | 9°Д30'16<br>9°Д54'10<br>9°Д16'39<br>6°Д09'30   | 0.56225 AU  | evening set<br>desc. node<br>min. Earth dist.<br>inferior conj   | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19  | 19° <b>8</b> 38'13<br>19° <b>8</b> 38'27<br>15° <b>8</b> 57'18<br>15° <b>8</b> 29'53  | -2°34'42  |
| retrograde<br>evening set  | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02  | 9° <b>Д</b> 30'16<br>9° <b>Д</b> 54'10<br>9° <b>Д</b> 16'39  | 0.56225 AU  | evening set<br>desc. node<br>min. Earth dist.  | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47   | 19° <b>8</b> 38'13<br>19° <b>8</b> 38'27<br>15° <b>8</b> 57'18  | -2°34'42  |
| retrograde<br>evening set<br>min. Earth dist.  | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59   | 9°Д30'16<br>9°Д54'10<br>9°Д16'39<br>6°Д09'30   | 0.56225 AU<br>-3°58'52  | evening set<br>desc. node<br>min. Earth dist.<br>inferior conj   | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19  | 19° <b>8</b> 38'13<br>19° <b>8</b> 38'27<br>15° <b>8</b> 57'18<br>15° <b>8</b> 29'53  | -2°34'42  |
| retrograde<br>evening set<br>min. Earth dist.<br>inferior conj   | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43  | 9°Д30'16<br>9°Д54'10<br>9°Д16'39<br>6°Д09'30<br>4°Д4'32  | 0.56225 AU<br>-3°58'52  | evening set<br>desc. node<br>min. Earth dist.<br>inferior conj<br>minimum elong  | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47   | 19°\38'13<br>19°\38'27<br>15°\57'18<br>15°\529'53<br>15°\539'07   | -2°34'42  |
| retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong  | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 01 j 16:24   | 9°П30'16<br>9°П54'10<br>9°П16'39<br>6°П09'30<br>4°П44'32<br>4°П54'13   | 0.56225 AU<br>-3°58'52  | evening set<br>desc. node<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>morning rise  | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15  | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06  | -2°34'42<br>2°32'40                                   |
| retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>morning rise<br>direct  | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 01 j 16:24<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50   | 9°П30'16<br>9°П54'10<br>9°П16'39<br>6°П09'30<br>4°П44'32<br>4°П54'13<br>0°П45'45   | 0.56225 AU<br>-3°58'52  | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct  | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15<br>-438 May 24 j 17:33<br>-438 Jun 05 j 09:54  | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06<br>11°816'46<br>16°844'35  | -2°34'42<br>2°32'40                                   |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el   | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31   | 9°II 30'16<br>9°II 54'10<br>9°II 16'39<br>6°II 09'30<br>4°II 44'32<br>4°II 54'13<br>0°II 45'45<br>0°II 28'01<br>5°II 06'31   | 0.56225 AU<br>-3°58'52<br>3°57'37                                   | evening set<br>desc. node<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>morning rise<br>direct<br>morning max el  | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15<br>-438 May 24 j 17:33<br>-438 Jun 05 j 09:54<br>-438 Jun 15 j 15:06   | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06<br>11°816'46<br>16°844'35<br>0°II                                      | -2°34'42<br>2°32'40                                   |
| retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>morning rise<br>direct  | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02  | 9°II 30'16<br>9°II 54'10<br>9°II 16'39<br>6°II 09'30<br>4°II 44'32<br>4°II 54'13<br>0°II 45'45<br>0°II 28'01<br>5°II 06'31<br>19°II 37'31                                | 0.56225 AU<br>-3°58'52<br>3°57'37                                   | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15<br>-438 May 24 j 17:33<br>-438 Jun 05 j 09:54<br>-438 Jun 15 j 15:06<br>-438 Jun 20 j 14:05  | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06<br>11°816'46<br>16°844'35<br>0°耳<br>8°耳50'47                           | -2°34'42<br>2°32'40                                   |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02<br>-439 Jul 09 j 05:08   | 9°П30'16<br>9°П54'10<br>9°П16'39<br>6°П09'30<br>4°П44'32<br>4°П54'13<br>0°П45'45<br>0°П28'01<br>5°П06'31<br>19°П37'31<br>0°©   | 0.56225 AU<br>-3°58'52<br>3°57'37                                   | evening set<br>desc. node<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>morning rise<br>direct<br>morning max el  | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15<br>-438 May 24 j 17:33<br>-438 Jun 05 j 09:54<br>-438 Jun 15 j 15:06<br>-438 Jun 20 j 14:05<br>-438 Jun 25 j 09:44   | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06<br>11°816'46<br>16°844'35<br>0°耳<br>8°耳50'47<br>18°耳28'27              | -2°34'42<br>2°32'40                                   |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el   | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02  | 9°II 30'16<br>9°II 54'10<br>9°II 16'39<br>6°II 09'30<br>4°II 44'32<br>4°II 54'13<br>0°II 45'45<br>0°II 28'01<br>5°II 06'31<br>19°II 37'31                                | 0.56225 AU<br>-3°58'52<br>3°57'37                                   | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node   | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15<br>-438 May 24 j 17:33<br>-438 Jun 05 j 09:54<br>-438 Jun 15 j 15:06<br>-438 Jun 20 j 14:05  | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06<br>11°816'46<br>16°844'35<br>0°耳<br>8°耳50'47                           | -2°34'42<br>2°32'40                                   |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set                             | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02<br>-439 Jul 09 j 05:08<br>-439 Jul 11 j 01:49  | 9°II 30'16<br>9°II 54'10<br>9°II 16'39<br>6°II 09'30<br>4°II 44'32<br>4°II 54'13<br>0°II 45'45<br>0°II 28'01<br>5°II 06'31<br>19°II 37'31<br>0°S<br>3°S 43'57            | 0.56225 AU<br>-3°58'52<br>3°57'37<br>19°56'09                       | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15<br>-438 May 24 j 17:33<br>-438 Jun 05 j 09:54<br>-438 Jun 15 j 15:06<br>-438 Jun 20 j 14:05<br>-438 Jun 25 j 09:44<br>-438 Jun 30 j 22:06                            | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06<br>11°816'46<br>16°844'35<br>0°用<br>8°用50'47<br>18°用28'27<br>0°季       | -2°34'42<br>2°32'40<br>21°16'46                       |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set superior conj               | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02<br>-439 Jul 09 j 05:08<br>-439 Jul 11 j 01:49  | 9°II 30'16<br>9°II 54'10<br>9°II 16'39<br>6°II 09'30<br>4°II 44'32<br>4°II 54'13<br>0°II 45'45<br>0°II 28'01<br>5°II 06'31<br>19°II 37'31<br>0°S<br>3°S 43'57            | 0.56225 AU<br>-3°58'52<br>3°57'37<br>19°56'09                       | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15<br>-438 May 24 j 17:33<br>-438 Jun 05 j 09:54<br>-438 Jun 15 j 15:06<br>-438 Jun 20 j 14:05<br>-438 Jun 20 j 22:06<br>-438 Jun 30 j 22:06                            | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06<br>11°816'46<br>16°844'35<br>0°II<br>8°II 50'47<br>18°II 28'27<br>0°99 | -2°34'42<br>2°32'40<br>21°16'46                       |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set                             | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02<br>-439 Jul 09 j 05:08<br>-439 Jul 11 j 01:49<br>-439 Jul 18 j 22:06<br>-439 Jul 18 j 21:15                        | 9°II 30'16 9°II 54'10 9°II 16'39 6°II 09'30 4°II 44'32 4°II 54'13 0°II 45'45 0°II 28'01 5°II 06'31 19°II 37'31 0°S 3°S 43'57   | 0.56225 AU<br>-3°58'52<br>3°57'37<br>19°56'09                       | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -438 May 03 j 13:57 -438 May 03 j 13:31 -438 May 12 j 03:53 -438 May 12 j 23:19 -438 May 12 j 16:47 -438 May 21 j 21:15 -438 May 24 j 17:33 -438 Jun 05 j 09:54 -438 Jun 15 j 15:06 -438 Jun 20 j 14:05 -438 Jun 20 j 14:05 -438 Jun 30 j 22:06 -438 Jul 02 j 19:38 -438 Jul 02 j 17:39                     | 19°838'13 19°838'27 15°857'18 15°829'53 15°839'07 11°835'06 11°816'46 16°844'35 0°11 8°1150'47 18°1128'27 0°99 3°956'56 3°946'40                  | -2°34'42<br>2°32'40<br>21°16'46<br>1°38'47<br>1°38'38 |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set superior conj               | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02<br>-439 Jul 09 j 05:08<br>-439 Jul 11 j 01:49  | 9°II 30'16<br>9°II 54'10<br>9°II 16'39<br>6°II 09'30<br>4°II 44'32<br>4°II 54'13<br>0°II 45'45<br>0°II 28'01<br>5°II 06'31<br>19°II 37'31<br>0°S<br>3°S 43'57            | 0.56225 AU<br>-3°58'52<br>3°57'37<br>19°56'09                       | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -438 May 03 j 13:57<br>-438 May 03 j 13:31<br>-438 May 12 j 03:53<br>-438 May 12 j 23:19<br>-438 May 12 j 16:47<br>-438 May 21 j 21:15<br>-438 May 24 j 17:33<br>-438 Jun 05 j 09:54<br>-438 Jun 15 j 15:06<br>-438 Jun 20 j 14:05<br>-438 Jun 20 j 22:06<br>-438 Jun 30 j 22:06                            | 19°838'13<br>19°838'27<br>15°857'18<br>15°829'53<br>15°839'07<br>11°835'06<br>11°816'46<br>16°844'35<br>0°II<br>8°II 50'47<br>18°II 28'27<br>0°99 | -2°34'42<br>2°32'40<br>21°16'46<br>1°38'47            |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set superior conj               | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02<br>-439 Jul 09 j 05:08<br>-439 Jul 11 j 01:49<br>-439 Jul 18 j 22:06<br>-439 Jul 18 j 21:15                        | 9°II 30'16 9°II 54'10 9°II 16'39 6°II 09'30 4°II 44'32 4°II 54'13 0°II 45'45 0°II 28'01 5°II 06'31 19°II 37'31 0°S 3°S 43'57   | 0.56225 AU<br>-3°58'52<br>3°57'37<br>19°56'09                       | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set   | -438 May 03 j 13:57 -438 May 03 j 13:31 -438 May 12 j 03:53 -438 May 12 j 23:19 -438 May 12 j 16:47 -438 May 21 j 21:15 -438 May 24 j 17:33 -438 Jun 05 j 09:54 -438 Jun 15 j 15:06 -438 Jun 20 j 14:05 -438 Jun 20 j 14:05 -438 Jun 30 j 22:06 -438 Jul 02 j 19:38 -438 Jul 02 j 17:39                     | 19°838'13 19°838'27 15°857'18 15°829'53 15°839'07 11°835'06 11°816'46 16°844'35 0°11 8°1150'47 18°1128'27 0°99 3°956'56 3°946'40                  | -2°34'42<br>2°32'40<br>21°16'46<br>1°38'47<br>1°38'38 |
| retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set superior conj minimum elong | -439 May 16 j 16:32<br>-439 May 19 j 22:13<br>-439 May 24 j 01:02<br>-439 May 30 j 14:59<br>-439 Jun 01 j 22:43<br>-439 Jun 10 j 10:40<br>-439 Jun 13 j 01:50<br>-439 Jun 23 j 02:31<br>-439 Jul 03 j 17:02<br>-439 Jul 09 j 05:08<br>-439 Jul 11 j 01:49<br>-439 Jul 18 j 22:06<br>-439 Jul 18 j 21:15<br>-439 Jul 24 j 05:35 | 9°II 30'16 9°II 54'10 9°II 16'39 6°II 09'30 4°II 44'32 4°II 54'13 0°II 45'45 0°II 28'01 5°II 06'31 19°II 37'31 0°S 3°S 43'57 19°S 38'38 19°S 34'27 0° \( \hat{\alpha} \) | 0.56225 AU<br>-3°58'52<br>3°57'37<br>19°56'09<br>1°46'17<br>1°46'15 | evening set desc. node min. Earth dist. inferior conj minimum elong morning rise direct morning max el asc. node morning set  superior conj minimum elong max. Earth dist. | -438 May 03 j 13:57 -438 May 03 j 13:31 -438 May 12 j 03:53 -438 May 12 j 23:19 -438 May 12 j 16:47 -438 May 21 j 21:15 -438 May 24 j 17:33 -438 Jun 05 j 09:54 -438 Jun 15 j 15:06 -438 Jun 20 j 14:05 -438 Jun 20 j 14:05 -438 Jun 30 j 22:06 -438 Jul 02 j 19:38 -438 Jul 02 j 17:39 -438 Jul 06 j 21:17 | 19°838'13 19°838'27 15°857'18 15°829'53 15°839'07 11°835'06 11°816'46 16°844'35 0°11 8°1150'47 18°1128'27 0°5 3°556'56 3°546'40 12°514'11         | -2°34'42<br>2°32'40<br>21°16'46<br>1°38'47<br>1°38'38 |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 248 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | nical year style is used: The              | he year -900 in                   | astronomical cou | nting style is the year | 901 BCE in historical cou                  | inting style.                          | =          |
|--------------------------------|--|-----------------------------------|------------------|-------------------------|--|--|------------|
| desc. node                     | -438 Jul 30 j 12:54                        | 22° <b>Ω</b> 56′52                |                  |                         | -437 Jun 22 j 11:06                        | $0$ $\circ$ $\odot$                    |            |
|                                | -438 Aug 04 j 14:38                        | 0° <b>m</b> y                     |                  | evening rise            | -437 Jun 24 j 17:45                        | 4° <b>©</b> 33'31                      |            |
| evening max el                 | -438 Aug 15 j 15:38                        | 12° <b>m</b> 51'04                | 26°38'51         |                         | -437 Jul 09 j 00:25                        | $0$ $^{\circ}\Omega$                   |            |
| retrograde                     | -438 Aug 28 j 14:19                        | 20° <b>m</b> 05'37                |                  | desc. node              | -437 Jul 17 j 09:53                        | 12° <b>Ω</b> 25'37                     |            |
| evening set                    | -438 Sep 04 j 05:14                        | 17° <b>m</b> 22'01                |                  | evening max el          | -437 Jul 29 j 03:26                        | 26° <b>Ω</b> 14'57                     | 27°15'56   |
| min. Earth dist.               | -438 Sep 08 j 05:58                        |                                   | 0.65941 AU       |                         | -437 Aug 02 j 13:41                        | 0° <b>™</b>                            |            |
| inferior conj                  | -438 Sep 09 j 22:22                        | 11° <b>m</b> 11'19                |                  | retrograde              | -437 Aug 11 j 13:30                        | 3° <b>m</b> 34'17                      |            |
| minimum elong                  | -438 Sep 10 j 01:38                        | 11° <b>m</b> 01'31                | 2°09'44          | evening set             | -437 Aug 18 j 14:37                        | 0° m 48'56                             |            |
| morning rise                   | -438 Sep 15 j 22:28                        | 5° m 26'44                        |                  |                         | -437 Aug 19 j 14:08                        | 30°RΩ                                  |            |
| asc. node                      | -438 Sep 16 j 13:17                        | 5° Mp 08'30                       |                  | min. Earth dist.        | -437 Aug 22 j 08:44                        |  | 0.64677 AU |
| direct                         | -438 Sep 18 j 21:15                        | 4° m 37'53                        | 10022110         | inferior conj           | -437 Aug 24 j 14:13                        | 24° <b>Ω</b> 49'19                     |            |
| morning max el                 | -438 Sep 25 j 13:19                        | 8° Mp 18'37                       | 18°32'18         | minimum elong           | -437 Aug 24 j 18:33                        | 24° <b>Ω</b> 37'24                     | 3°02'29    |
|                                | -438 Oct 10 j 16:29                        | 0° <b>⊽</b>                       |                  | morning rise            | -437 Aug 30 j 23:15                        | 19° <b>Ω</b> 19'42                     |            |
| morning set                    | -438 Oct 15 j 15:49                        | 7° <b>£</b> 59'38                 |                  | direct                  | -437 Sep 02 j 15:56                        | 18° <b>Ω</b> 41'38                     |            |
| desc. node                     | -438 Oct 26 j 12:14                        | 25° <b>Ω</b> 17'48                |                  | asc. node               | -437 Sep 03 j 10:21                        | 18° <b>Ω</b> 44'45                     | 10004102   |
|                                | -438 Oct 29 j 11:45                        | 0°M₊                              |                  | morning max el          | -437 Sep 09 j 04:06<br>-437 Sep 15 j 06:10 | 22° <b>Ω</b> 10'18                     | 18°04'03   |
| avmariar aani                  | 429 Oct. 21 ; 07:21                        | 2°M52'18                          | 0021105          | marning got             | 1 7  | 0° Mp<br>19° Mp 09'37                  |            |
| superior conj<br>minimum elong | -438 Oct 31 j 07:31<br>-438 Oct 31 j 03:26 | 2°M36'12                          |                  | morning set             | -437 Sep 26 j 23:05<br>-437 Oct 03 j 11:08 | 0∘ <b>ʊ</b>                            |            |
| max. Earth dist.               | -438 Nov 01 j 03:40                        |                                   | 1.45015 AU       |                         | -437 Oct 03 j 11.08                        | 0 ==                                   |            |
| evening rise                   | -438 Nov 16 j 10:21                        | 28°M15'42                         | 1.43013 AU       | superior conj           | -437 Oct 10 j 15:32                        | 11° <b>≏</b> 41'06                     | 0°17'58    |
| evening rise                   | -438 Nov 17 j 12:41                        | 26 IIG13 42<br>0° 🔏               |                  | minimum elong           | -437 Oct 10 j 17:40                        | 11° <b>⊆</b> 41'00                     |            |
| greatest brilliancy            | -438 Nov 25 j 13:04                        | 12° <b>∡</b> 140'27               | -0.8m            | desc. node              | -437 Oct 10 j 17:40                        | 16° <b>£</b> 03'37                     | 0 1/40     |
| greatest orimancy              | -438 Dec 07 j 16:29                        | 0°る                               | -0.0111          | max. Earth dist.        | -437 Oct 14 j 22:30                        |  | 1.44645 AU |
| evening max el                 | -438 Dec 07 j 10:29                        | 1°る16'58                          | 19°06'23         | max. Lartii dist.       | -437 Oct 22 j 06:03                        | 0°M                                    | 1.44043 AC |
| asc. node                      | -438 Dec 13 j 12:32                        | 4°₹45'57                          | 17 00 23         | evening rise            | -437 Oct 27 j 02:22                        | 7°M30'56                               |            |
| retrograde                     | -438 Dec 15 j 19:44                        | 5°ਰ15'07                          |                  | greatest brilliancy     | -437 Nov 09 j 19:20                        | 28°M24'16                              | -0.6m      |
| evening set                    | -438 Dec 19 j 02:39                        | 4° <b>ට</b> 12'23                 |                  | greatest orimaney       | -437 Nov 10 j 21:14                        | 0° <b>₹</b>                            | 0.0111     |
| e venning see                  | -438 Dec 23 j 11:09                        | 30°R. <b>₹</b>                    |                  | evening max el          | -437 Nov 22 j 02:26                        | 14° <b>√</b> 44'49                     | 19°59'03   |
| inferior conj                  | -438 Dec 24 j 18:08                        | 28° <b>×</b> 123'42               | 3°12'10          | retrograde              | -437 Nov 29 j 17:09                        | 19° <b>х</b> 12'17                     | 1, 0, 05   |
| minimum elong                  | -438 Dec 24 j 15:23                        | 28°×32'23                         |                  | asc. node               | -437 Nov 30 j 09:35                        | 19° <b>х</b> 09'37                     |            |
| min. Earth dist.               | -438 Dec 26 j 05:16                        | 26° <b>₹</b> 32'53                | 0.65782 AU       | evening set             | -437 Dec 03 j 08:01                        | 17° <b>∡</b> 55'47                     |            |
| morning rise                   | -438 Dec 30 j 03:52                        | 22° <b>҂</b> 13'40                |                  | inferior conj           | -437 Dec 08 j 19:23                        | 11° <b>₹</b> ′53'33                    | 2°36'12    |
| direct                         | -437 Jan 05 j 15:01                        | 19° <b>∡</b> ²24'05               |                  | minimum elong           | -437 Dec 08 j 16:36                        | 12° <b>₹</b> 02'49                     | 2°35'19    |
| morning max el                 | -437 Jan 18 j 10:30                        | 26° <b>₹</b> 55'54                | 26°28'13         | min. Earth dist.        | -437 Dec 09 j 16:59                        | 10° <b>∡</b> ′41'37                    | 0.66752 AU |
| -                              | -437 Jan 21 j 07:44                        | 0°ಕ                               |                  | morning rise            | -437 Dec 14 j 01:01                        | 5° <b>∡</b> ′40'40                     |            |
| desc. node                     | -437 Jan 22 j 11:24                        | 1° <b>る</b> 18'51                 |                  | direct                  | -437 Dec 19 j 22:30                        | 3° <b>∡</b> °04'07                     |            |
|                                | -437 Feb 11 j 17:22                        | 0° <b>≈</b>                       |                  | morning max el          | -437 Dec 31 j 19:22                        | 10° <b>∡</b> °07'29                    | 25°13'21   |
| morning set                    | -437 Feb 23 j 12:20                        | 20° <b>≈</b> 42'56                |                  | desc. node              | -436 Jan 09 j 08:29                        | 20° <b>₹</b> 04'29                     |            |
| max. Earth dist.               | -437 Feb 27 j 15:59                        | 28° <b>≈</b> 43'34                | 1.34926 AU       |                         | -436 Jan 16 j 14:29                        | 5°0                                    |            |
|                                | -437 Feb 28 j 07:26                        | 0° <b>ℋ</b>                       |                  |                         | -436 Feb 04 j 08:21                        | 0° <b>≈</b>                            |            |
|                                |  |                                   |                  | morning set             | -436 Feb 06 j 01:09                        | 3° <b>≈</b> 01'46                      |            |
| superior conj                  | -437 Mar 04 j 06:33                        | 8° <b>)</b> €01'00                |                  | max. Earth dist.        | -436 Feb 09 j 18:07                        | 9° <b>≈</b> 49'30                      | 1.36638 AU |
| minimum elong                  | -437 Mar 04 j 09:45                        | 8° <b>升</b> 17′28                 | 1°09'21          |                         |  |  |            |
| asc. node                      | -437 Mar 11 j 11:51                        | 23° <b>∺</b> 01'47                |                  | superior conj           | -436 Feb 15 j 20:34                        | 21° <b>≈</b> 34'25                     |            |
| evening rise                   | -437 Mar 11 j 22:13                        | 23° <b>¥</b> 55′24                |                  | minimum elong           | -436 Feb 16 j 00:21                        | 21° <b>≈</b> 53′07                     | 1°32'37    |
|                                | -437 Mar 14 j 22:04                        | 0°Υ                               |                  |                         | -436 Feb 20 j 01:29                        | 0° <b>∀</b>                            |            |
| evening max el                 | -437 Mar 30 j 22:11                        | 24° <b>Y</b> 36′56                | 20°48'54         | evening rise            | -436 Feb 24 j 02:10                        | 8° <b>∺</b> 09'24                      |            |
|                                | -437 Apr 09 j 19:22                        | 0° <b>8</b>                       |                  | asc. node               | -436 Feb 26 j 08:53                        | 12° <b>)</b> 42′34                     |            |
| retrograde                     | -437 Apr 11 j 06:29                        | 0° <b>8</b> 05'18                 |                  |                         | -436 Mar 07 j 06:12                        | 0° <b>Υ</b>                            |            |
| _                              | -437 Apr 12 j 18:07                        | 30° <b>₹</b> Υ                    |                  | evening max el          | -436 Mar 12 j 10:33                        | 6° <b>Y</b> 13′05                      | 19°39'00   |
| evening set                    | -437 Apr 13 j 11:40                        | 29° <b>Y</b> 53'36                |                  | retrograde              | -436 Mar 22 j 01:51                        | 10° <b>Y</b> 50′23                     |            |
| desc. node                     | -437 Apr 20 j 10:32                        | 27° <b>Y</b> 12'50                |                  | evening set             | -436 Mar 24 j 05:26                        | 10° <b>℃</b> 37'37                     |            |
| inferior conj                  | -437 Apr 22 j 17:33                        | 25° <b>Y</b> 55'53                |                  | inferior conj           | -436 Apr 01 j 20:05                        | 6° <b>℃</b> 33'51                      | 1°14'46    |
| minimum elong                  | -437 Apr 22 j 15:41                        | 25°Υ58'33                         | 0°38'40          | minimum elong           | -436 Apr 01 j 23:07                        | 6° <b>Y</b> 29'03                      | 1°13'45    |
| min. Earth dist.               | -437 Apr 23 j 17:00                        | 25°\bar{Y}22'27                   | 0.55077 AU       | min. Earth dist.        | -436 Apr 04 j 07:18                        | 5°Υ00'36                               | 0.55892 AU |
| morning rise                   | -437 May 01 j 19:06                        | 21° <b>Υ</b> 47'14                |                  | desc. node              | -436 Apr 06 j 07:36                        | 3° <b>Y</b> 49'37                      |            |
| direct                         | -437 May 05 j 04:19                        | 21° <b>Υ</b> 22'30                | 22052122         | morning rise            | -436 Apr 10 j 14:17                        | 1°Υ55'19                               |            |
| morning max el                 | -437 May 18 j 07:08                        | 27° <b>Y</b> 42'02                | 22-32-32         | direct                  | -436 Apr 14 j 22:24                        | 1° <b>Υ</b> 13'14<br>8° <b>Υ</b> 15'21 | 24022110   |
| asa nada                       | -437 May 20 j 13:42                        | 0° <b>8</b><br>28° <b>8</b> 27'30 |                  | morning max el          | -436 Apr 28 j 22:37                        |  | 24°33'19   |
| asc. node                      | -437 Jun 07 j 11:08                        | 28° <b>႘</b> 27'30                |                  |                         | -436 May 14 j 21:22                        | 0° <b>8</b>                            |            |
| morning sot                    | -437 Jun 08 j 05:18<br>-437 Jun 09 j 20:34 | 0° <b>П</b><br>3° <b>П</b> 23'27  |                  | morning set             | -436 May 24 j 08:34                        | 18° <b>8</b> 22'39                     |            |
| morning set                    | -43 / Juli 09 J 20:34                      | э ш23/2/                          |                  | asc. node               | -436 May 24 j 08:11                        | 18° <b>O</b> 20′38<br>0° <b>Ⅱ</b>      |            |
| superior conj                  | -437 Jun 17 j 00:04                        | 18° <b>Ⅱ</b> 36'56                | 1°25'30          |                         | -436 May 29 j 18:14                        | υц                                     |            |
| minimum elong                  | -437 Jun 16 j 21:36                        | 18° <b>Ⅲ</b> 23'45                |                  | superior conj           | -436 May 31 j 08:54                        | 3° <b>Ⅱ</b> 30′04                      | 1°08'06    |
| max. Earth dist.               | -437 Jun 19 j 17:46                        |                                   | 1.33995 AU       | minimum elong           | -436 May 31 j 06:29                        | 3° <b>П</b> 16'57                      |            |
| man. Durin ulbi.               | 12, Jun 17, 11.40                          | ~ r <u>==</u> 2320                | 1.55//5 AU       | uiii ciong              | 150 Iviny 51 J 00.29                       | J =103/                                | 1 0/73     |

| •                | nical year style is used: The |                                       | •          | · · · · · · · · · · · · · · · · · · · |                     |                      | 50 247         |
|------------------|-------------------------------|---------------------------------------|------------|---------------------------------------|---------------------|----------------------|----------------|
| max. Earth dist. | -436 Jun 01 j 22:48           | -                                     | 1.33074 AU |                                       | -435 May 21 j 03:40 | 0° <b>Ⅱ</b>          |                |
| evening rise     | -436 Jun 07 j 15:45           | 18° <b>Ⅱ</b> 54'05                    |            | evening rise                          | -435 May 22 j 20:35 | 3° <b>Ⅱ</b> 34'54    |                |
| <i>8</i>         | -436 Jun 13 j 08:06           | 0°ಅ                                   |            | <i>y</i>                              | -435 Jun 06 j 03:09 | 0ಂತಾ                 |                |
|                  | -436 Jul 02 j 08:01           | $0^{\circ}\Omega$                     |            | desc. node                            | -435 Jun 20 j 03:55 | 18°958'59            |                |
| desc. node       | -436 Jul 03 j 06:54           | 1° <b>Ω</b> 12'16                     |            | evening max el                        | -435 Jun 22 j 18:35 | 21°537'49            | 27°01'01       |
| evening max el   | -436 Jul 10 j 13:11           | 9° <b>Ω</b> 14'27                     | 27°24'41   | retrograde                            | -435 Jul 06 j 17:08 | 28°955'15            | _, , , , , , , |
| retrograde       | -436 Jul 24 j 06:43           | 16° <b>Ω</b> 33'59                    | 2, 2       | evening set                           | -435 Jul 13 j 16:26 | 26°5544'37           |                |
| evening set      | -436 Jul 31 j 11:45           | 13° <b>Ω</b> 58'51                    |            | min. Earth dist.                      | -435 Jul 17 j 08:36 | 24°902'39            | 0.61130 AU     |
| min. Earth dist. | -436 Aug 04 j 01:44           | 10° <b>Ω</b> 57'11                    | 0.63052 AU | inferior conj                         | -435 Jul 20 j 13:40 | 21°515'39            |                |
| inferior conj    | -436 Aug 06 j 20:24           | 8° <b>Ω</b> 13'19                     |            | minimum elong                         | -435 Jul 20 j 17:13 | 21°907'56            |                |
| minimum elong    | -436 Aug 07 j 01:03           | 8° <b>Ω</b> 01'51                     |            | morning rise                          | -435 Jul 27 j 19:43 | 16°925'13            | 4 20 00        |
| morning rise     | -436 Aug 13 j 15:32           | 3° <b>Ω</b> 01'58                     | 3 7773     | direct                                | -435 Jul 30 j 07:14 | 16°900'20            |                |
| direct           | -436 Aug 16 j 04:29           | 2° <b>Ω</b> 31'43                     |            | morning max el                        | -435 Aug 06 j 09:20 | 19°930'54            | 18°01'39       |
| asc. node        | -436 Aug 20 j 07:25           | 3° <b>Ω</b> 52'46                     |            | asc. node                             | -435 Aug 07 j 04:29 | 20°919'35            | 10 01 37       |
| morning max el   | -436 Aug 20 j 17:25           | 5° <b>Ω</b> 56'49                     | 17°53'30   | asc. node                             | -435 Aug 14 j 02:45 | 0°Ω                  |                |
| morning max ci   | -436 Sep 07 j 10:19           | 0°m)                                  | 17 33 30   | morning set                           | -435 Aug 22 j 07:24 | 14° <b>Ω</b> 38'03   |                |
| morning set      | -436 Sep 08 j 06:15           | 1°Mp27'54                             |            | morning set                           | -435 Aug 30 j 17:22 | 0° m                 |                |
| morning set      | -430 Sep 06 J 00.13           | 1 11/2/34                             |            |                                       | -433 Aug 30 j 17.22 | עוו ט                |                |
| superior conj    | -436 Sep 19 j 23:33           | 21° <b>m</b> 42'12                    | 0°58'58    | superior conj                         | -435 Sep 01 j 10:54 | 3° Mp 04'14          | 1°27'06        |
| minimum elong    | -436 Sep 20 j 04:33           | 22° m 03'07                           |            | minimum elong                         | -435 Sep 01 j 15:14 |                      |                |
| minimum crong    | -436 Sep 25 j 00:16           | 0° <b>⊽</b>                           | 0 30 22    | max. Earth dist.                      | -435 Sep 09 j 00:23 | 16° Mp 01'23         | 1.41995 AU     |
| max. Earth dist. | -436 Sep 26 j 14:10           | 2° <b>£</b> 33'29                     | 1.43590 AU | evening rise                          | -435 Sep 05 j 00:25 | 25° <b>m</b> ) 46'51 | 1.41//3/110    |
| desc. node       | -436 Sep 29 j 06:16           | 2 <b>=</b> 33 29<br>6° <b>£</b> 50'08 | 1.43390 AU | desc. node                            | -435 Sep 16 j 03:17 | 27° Mp 34'19         |                |
| evening rise     | -436 Oct 05 j 08:52           | 16° <b>£</b> 25'19                    |            | desc. Hode                            | -435 Sep 17 j 16:18 | 0° <b>⊡</b>          |                |
| evening rise     | -436 Oct 14 j 06:51           | 0°M.                                  |            |                                       | -435 Oct 08 j 03:58 | 0° <b>M</b>          |                |
| avanina may al   | -436 Nov 04 j 02:20           | 28°M12'28                             | 21°05'09   | arranina marral                       | -435 Oct 08 j 03:38 | 11° <b>M</b> .41'04  | 22°20'53       |
| evening max el   | •                             | 20 1161220<br>0° <b>x</b> 7           | 21 03 09   | evening max el                        | -435 Oct 17 j 20.33 |                      | 22 20 33       |
|                  | -436 Nov 05 j 23:20           | 3° <b>x</b> <sup>7</sup> 15'43        |            | retrograde                            | -                   | 17°M22'43            |                |
| retrograde       | -436 Nov 12 j 14:39           |                                       |            | evening set                           | -435 Oct 31 j 23:06 | 15°M33'19            |                |
| asc. node        | -436 Nov 16 j 06:39           | 1° 🗷 59'41                            |            | asc. node                             | -435 Nov 03 j 03:43 | 13°M21'55            | 1004111        |
| evening set      | -436 Nov 16 j 15:26           | 1° <b>х</b> 43′35                     |            | inferior conj                         | -435 Nov 06 j 07:19 | 9°M14'28             | 1°04'11        |
|                  | -436 Nov 18 j 11:54           | 30°RM                                 | 1052155    | minimum elong                         | -435 Nov 06 j 05:52 | 9°M19'27             | 1°03'36        |
| inferior conj    | -436 Nov 22 j 00:26           |                                       |            | min. Earth dist.                      | -435 Nov 06 j 06:12 | 9°M18'17             | 0.67625 AU     |
| minimum elong    | -436 Nov 21 j 22:08           | 25°M39'06                             | 1°52'03    | morning rise                          | -435 Nov 11 j 12:30 | 3°ML02'17            |                |
| min. Earth dist. | -436 Nov 22 j 10:07           | 24°M57'58                             | 0.67355 AU | direct                                | -435 Nov 16 j 03:49 | 1°M07'25             | 22020100       |
| morning rise     | -436 Nov 27 j 04:41           | 19°M17'31                             |            | morning max el                        | -435 Nov 25 j 15:17 | 6°M44'09             | 22°20'08       |
| direct           | -436 Dec 02 j 11:02           | 17°M00'25                             | 22245126   | desc. node                            | -435 Dec 13 j 02:34 | 29°M23'11            |                |
| morning max el   | -436 Dec 13 j 04:04           | 23°M23'38                             | 23°47′26   |                                       | -435 Dec 13 j 12:40 | 0° <b>∡</b>          |                |
|                  | -436 Dec 19 j 00:18           | 0° <b>∡</b>                           |            | morning set                           | -435 Dec 29 j 00:27 | 23° <b>∡</b> 53′09   |                |
| desc. node       | -436 Dec 26 j 05:32           | 9° <b>∡</b> 129'45                    |            |                                       | -434 Jan 01 j 17:41 | 0°る                  |                |
|                  | -435 Jan 09 j 00:12           | 0° <b>ろ</b>                           |            | max. Earth dist.                      | -434 Jan 03 j 10:02 | 2°₹49'09             | 1.40775 AU     |
| morning set      | -435 Jan 17 j 15:05           | 14° <b>る</b> 09'50                    |            |                                       |                     | _                    |                |
| max. Earth dist. | -435 Jan 21 j 13:32           | 21°る00'07                             | 1.38661 AU | superior conj                         | -434 Jan 11 j 05:16 | 16° <b>る</b> 22'58   |                |
|                  | -435 Jan 26 j 12:50           | 0° <b>≈</b>                           |            | minimum elong                         | -434 Jan 11 j 06:15 | 16° <b>る</b> 27'21   | 2°00'42        |
|                  |                               |                                       |            |                                       | -434 Jan 18 j 15:27 | 0° <b>≈</b>          |                |
| superior conj    | -435 Jan 28 j 21:46           | 4° <b>≈</b> 26′00                     |            | evening rise                          | -434 Jan 21 j 09:13 | 5° <b>≈</b> 08'09    |                |
| minimum elong    | -435 Jan 29 j 01:02           | 4° <b>≈</b> 41'27                     | 1°50'56    | asc. node                             | -434 Jan 30 j 03:01 | 20°≈56'03            |                |
| evening rise     | -435 Feb 06 j 22:54           | 21°≈56'32                             |            |                                       | -434 Feb 05 j 12:58 | 0° <b>∀</b>          |                |
|                  | -435 Feb 11 j 03:27           | 0° <b>∀</b>                           |            | evening max el                        | -434 Feb 06 j 15:40 | 1° <b>米</b> 09'31    | 18°18'21       |
| asc. node        | -435 Feb 12 j 05:57           | 2° <b>)</b> (03'13                    | 1004000    | retrograde                            | -434 Feb 13 j 19:32 | 4° <b>)</b> (43′04   |                |
| evening max el   | -435 Feb 23 j 09:18           | 18° <b>¥</b> 26'46                    | 18°48'40   | evening set                           | -434 Feb 16 j 08:31 | 4° <b>ℋ</b> 17'16    |                |
| retrograde       | -435 Mar 03 j 13:27           | 22° <b>)</b> (24'13                   |            | inferior conj                         | -434 Feb 23 j 11:04 | 29°≈36'44            | 3°30'47        |
| evening set      | -435 Mar 05 j 21:21           | 22° <b>∺</b> 06'11                    |            | minimum elong                         | -434 Feb 23 j 13:59 | 29° <b>≈</b> 30′30   | 3°30'23        |
| inferior conj    | -435 Mar 13 j 17:09           | 17° <b>) (</b> 46′14                  | 2°40'33    |                                       | -434 Feb 23 j 00:08 | 30° <b>R</b> ≈       |                |
| minimum elong    | -435 Mar 13 j 21:33           | 17° <b>)</b> 38′09                    | 2°39'26    | min. Earth dist.                      | -434 Feb 26 j 20:56 | 26° <b>≈</b> 43'09   | 0.59470 AU     |
| min. Earth dist. | -435 Mar 17 j 00:03           | 15° <b>∺</b> 22'39                    | 0.57464 AU | morning rise                          | -434 Mar 02 j 17:12 | 24° <b>≈</b> 01'16   |                |
| morning rise     | -435 Mar 21 j 18:47           | 12° <b>∺</b> 35'14                    |            | direct                                | -434 Mar 09 j 03:19 | 22° <b>≈</b> 09'44   |                |
| desc. node       | -435 Mar 24 j 04:40           | 11° <b>)</b> 45'11                    |            | desc. node                            | -434 Mar 11 j 01:43 | 22° <b>≈</b> 19'34   |                |
| direct           | -435 Mar 27 j 06:22           | 11° <b>∺</b> 21'57                    |            | morning max el                        | -434 Mar 23 j 10:29 | 29°≈53'15            | 27°11'23       |
| morning max el   | -435 Apr 10 j 14:17           | 18° <b>米</b> 51′26                    | 26°04'27   |                                       | -434 Mar 23 j 13:14 | 0° <b>∀</b>          |                |
|                  | -435 Apr 19 j 23:04           | 0° <b>Y</b>                           |            |                                       | -434 Apr 13 j 20:29 | $0^{\circ}\Upsilon$  |                |
|                  | -435 May 07 j 05:30           | $9^{\circ}$ 8                         |            | morning set                           | -434 Apr 23 j 05:19 | 18° <b>Ƴ</b> 09'43   |                |
| morning set      | -435 May 08 j 20:04           | 3° <b>8</b> 20'29                     |            | asc. node                             | -434 Apr 28 j 02:17 | 28° <b>Ƴ</b> 34'50   |                |
| asc. node        | -435 May 11 j 05:14           | 8° <b>8</b> 24'56                     |            |                                       | -434 Apr 28 j 17:53 | $9^{\circ}$ 8        |                |
|                  |                               |                                       |            |                                       |                     |                      |                |
| superior conj    | -435 May 15 j 20:07           | 18° <b>8</b> 29'38                    | 0°47'07    | superior conj                         | -434 Apr 30 j 07:53 | 3° <b>8</b> 28'14    |                |
| minimum elong    | -435 May 15 j 18:13           | 18° <b>8</b> 19'12                    | 0°46'44    | minimum elong                         | -434 Apr 30 j 06:51 | 3° <b>8</b> 22'34    |                |
| max. Earth dist. | -435 May 16 j 09:31           | 19° <b>8</b> 43'00                    | 1.32533 AU | max. Earth dist.                      | -434 Apr 29 j 22:20 | 2° <b>8</b> 35'48    | 1.32356 AU     |
|                  |                               |                                       |            |                                       |                     |                      |                |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. -434 May 07 i 05:42 18°**8**26'29 superior conj -433 Apr 14 j 18:31 18°**Y**19'57 -0°02'08 evening rise -434 May 12 j 23:12  $0^{\circ}II$ -433 Apr 14 j 18:37 18°**Y**20′29 0°02'07 minimum elong -434 Jun 01 j 13:33 0ಂತಾ -433 Apr 14 j 13:34 17°**Y**52'55 behind sun begin -434 Jun 04 j 17:41 -433 Apr 14 j 23:41 18°**Y**48′04 evening max el 3°517'00 26°05'10 behind sun end 18°**Y**46′09 -434 Jun 07 j 00:57 -433 Apr 14 j 23:20 desc. node 5°920'13 asc. node -433 Apr 20 j 03:14 -434 Jun 18 j 18:56 retrograde 10°930'17  $0^{\circ}$ 8 evening set -434 Jun 25 j 00:06 8°955'57 evening rise -433 Apr 21 j 17:02 3°**8**21'32 -434 Jun 29 j 06:29 6°516'53 0.59072 AU min. Earth dist. -433 May 06 j 02:37  $0^{\circ}\Pi$ 3°5546'30 -4°42'27 inferior conj -434 Jul 02 j 14:23 evening max el -433 May 17 j 10:31 14°**Ⅱ**14'47 24°43'39 minimum elong -434 Jul 02 j 14:49 3°545'40 4°42'26 desc. node -433 May 24 j 21:58 19°**Ⅲ**42'49 -434 Jul 08 j 10:45 30°RⅡ retrograde -433 May 31 j 09:35 21°**Ⅲ**18'52 -434 Jul 10 j 07:50 29°**Ⅱ**18'15 -433 Jun 05 j 08:50 morning rise evening set 20°**Ⅲ**22'58 -434 Jul 12 j 19:57 direct 28°**Ⅲ**56'57 min. Earth dist. -433 Jun 10 j 22:03 17°**Ⅲ**30′10 0.57148 AU -434 Jul 17 j 00:11 0ಂತಾ inferior conj -433 Jun 13 j 19:31 15°**II**36'46 -4°26'51 morning max el -434 Jul 20 j 17:41 2°5643'31 18°29'42 minimum elong -433 Jun 13 j 15:23 15°**I**43'34 4°26'22 asc. node -434 Jul 25 j 01:31 7°5549'27 morning rise -433 Jun 22 j 00:44 11°**Ⅲ**29'11 morning set -434 Aug 05 j 21:28 28°9526'28 direct -433 Jun 24 j 14:44 11°**Ⅱ**10'20 -434 Aug 06 j 16:54  $0^{\circ}\Omega$ morning max el -433 Jul 03 j 17:54 15°**Ⅲ**25'25 19°18'35 asc. node -433 Jul 11 j 22:33 26°**Ⅱ**08'24 superior conj -434 Aug 14 j 21:19 15°**Ω**35'03 1°42'34 -433 Jul 14 j 04:41 0ಂತಾ minimum elong -434 Aug 14 j 23:33 15°**Ω**45'25 1°42'27 morning set -433 Jul 20 j 20:37 12°5542'40 max. Earth dist. -434 Aug 22 i 05:37 28°**Ω**47'53 1.40067 AU -434 Aug 22 j 22:16 0° m superior conj -433 Jul 29 i 01:03 28°958'28 1°47'25 evening rise -434 Aug 26 j 13:38  $6^{\circ}$  m 10'58minimum elong -433 Jul 29 i 01:11 28°959'06 1°47'25 desc. node -434 Sep 03 j 00:18 18° m 12'34 -433 Jul 29 j 13:43  $0^{\circ}\Omega$ -434 Sep 10 j 19:22 0∘**⊽** -433 Aug 04 j 08:47 10°**Ω**56′27 1.38062 AU max. Earth dist. -434 Sep 30 j 10:30 25°**♀**12'56 evening rise -433 Aug 08 j 03:55 23°41'01 17° **Ω**45'41 evening max el -434 Oct 06 j 07:32 -433 Aug 15 j 09:34 oom. 0° m -434 Oct 11 j 02:53 -433 Aug 20 j 21:18 1°M30'52 desc node 8° Mp 40'00 retrograde -434 Oct 15 j 10:38 -433 Sep 05 j 03:14 0∘Ω -434 Oct 16 j 05:22 -433 Sep 12 j 22:14 24°58'56 evening set 29°**£**23'19 evening max el 8°**£**47'50 -434 Oct 21 j 02:45 -433 Sep 24 j 15:18 15°**△**35'39 min. Earth dist. 23°**₽**40'54 0.67577 AU retrograde 23°**₽**47'44 -433 Sep 30 j 08:31 13°**≏**10'43 -434 Oct 21 j 00:45 asc. node evening set 8°**≏**03'02 0.67209 AU -434 Oct 21 j 14:12 -433 Oct 04 j 21:18 inferior conj 23°**£**01'50 0°11'37 min. Earth dist. -434 Oct 21 j 13:55 -433 Oct 05 j 19:22 minimum elong 23°**£**02'47 0°11'30 inferior conj 6°**£**50'23 -0°43'23 -434 Oct 21 j 13:55 -433 Oct 05 j 20:27 transit middle 23°**⊆**02'47 0°11'30 minimum elong 6°**2**46'50 0°42'55 -433 Oct 07 j 21:46 transit begin -434 Oct 21 j 12:00 23°**♀**09'21 asc. node 4°**£**09'42 transit end -434 Oct 21 j 15:51 22°**♀**56'13 morning rise -433 Oct 11 j 08:27 0°**£**49'17 morning rise -434 Oct 26 j 22:24 16°**♀**53'48 -433 Oct 12 j 20:58 30°R, Mp -434 Oct 30 j 23:53 15°**♀**20'55 direct -433 Oct 14 j 21:48 29° m 36'17 direct -434 Nov 08 j 08:31 20°**£**13'37 20°59'27 -433 Oct 17 j 00:25 0∘**⊽** morning max el -434 Nov 16 j 10:03 -433 Oct 22 j 09:24 3°**2**53'16 19°50'32 0°M morning max el desc. node -434 Nov 29 j 23:37 19°M37'10 -433 Nov 10 j 06:57 0°M -434 Dec 06 j 18:20 desc. node -433 Nov 16 j 20:38 10°ML05'19 0°×7 -434 Dec 08 j 07:01 morning set 2°×22'53 morning set -433 Nov 17 j 03:44 10°M32'47 max. Earth dist. -434 Dec 16 j 13:53 15°**х** 35′53 1.42685 AU max. Earth dist. -433 Nov 29 i 01:31 29°M12'16 1.44117 AU -433 Nov 29 j 13:29 0°×7 superior conj -434 Dec 23 i 13:43 27°**∡**13'10 -1°57'21 -434 Dec 23 i 10:24 -433 Dec 03 j 19:12 minimum elong 26°**₹**59'09 1°57'13 superior conj 6° **₹** 48'32 -1°36'52 -434 Dec 25 j 04:51 0°궁 -433 Dec 03 i 11:38 6°**₹**17'55 1°36'12 minimum elong -433 Jan 04 j 05:21 17°る37'03 -433 Dec 17 j 06:58 29°**х** 14′54 evening rise evening rise -433 Jan 11 j 05:11 -433 Dec 17 j 17:34 0°궁 0°≈≈ -433 Jan 17 j 00:03 -432 Jan 03 j 21:04 26°₹41'51 asc. node 9°≈12'35 asc node -433 Jan 21 j 02:34 evening max el 14°≈12'58 18°07'43 evening max el -432 Jan 04 j 15:03 27°**る**29'16 18°16'16 -433 Jan 27 j 17:30 17°≈38'08 -432 Jan 07 j 18:08 0°≈ retrograde -433 Jan 30 j 10:55 17°≈03'18 retrograde -432 Jan 11 j 02:54 0°≈59'12 evening set -433 Feb 05 j 23:39 12°**≈**01'21 3°50'35 evening set -432 Jan 14 j 00:41 0°≈14'33 inferior conj -433 Feb 06 j 00:14 -432 Jan 14 j 11:28 30°Ŗる minimum elong 11°≈59'54 3°50'34 -433 Feb 09 j 00:43 -432 Jan 20 j 02:59 24°る52'31 3°47'43 min. Earth dist. 9°**≈**02'49 0.61562 AU inferior conj -433 Feb 12 j 12:13 -432 Jan 20 j 01:40 24°る56'09 3°47'37 morning rise 6°≈10'00 minimum elong -433 Feb 19 j 10:23 -432 Jan 22 j 13:52 22°**る**10'19 0.63468 AU direct 3°**≈**44'58 min. Earth dist. -433 Feb 25 j 22:46 5°≈37'57 morning rise -432 Jan 26 j 01:57 18°る51'03 desc. node morning max el -433 Mar 05 j 12:55 11°≈34'43 27°44'14 direct -432 Feb 02 j 01:38 16°**る**05'04 -433 Mar 20 j 01:22 0°**)**€ desc. node -432 Feb 12 j 19:49 21°る08'28 -433 Apr 06 j 02:06  $0^{\circ}\Upsilon$ morning max el -432 Feb 15 j 20:21 23°る55'37 27°40'10 -433 Apr 07 j 10:23 2°Y43'45 -432 Feb 21 j 08:00 0°**≈** morning set -433 Apr 13 j 09:29 15°Υ20'18 1.32545 AU -432 Mar 12 j 08:50 0°) max. Earth dist.

| •                | nical year style is used: The |   | •          | / /                 |                     | , ,                 | 50 231     |
|------------------|-------------------------------|---|------------|---------------------|---------------------|---------------------|------------|
| morning set      | -432 Mar 21 j 08:57           | 16° <b>∺</b> 54'51                      |            |                     | -431 Feb 15 j 04:49 | 0° <b>≈</b>         |            |
| max. Earth dist. | -432 Mar 26 j 15:00           |   | 1.33120 AU | morning set         | -431 Mar 04 j 21:54 | 0° <b>)</b> 32′55   |            |
|                  | -432 Mar 27 j 16:50           | $_0$ ° $\boldsymbol{\gamma}$            |            |                     | -431 Mar 04 j 15:03 | 0° <b>)</b> €       |            |
|                  | <b>.</b>                      |   |            | max. Earth dist.    | -431 Mar 09 j 10:57 |                     | 1.34131 AU |
| superior conj    | -432 Mar 29 j 02:19           | 2° <b>Ƴ</b> 58'57                       | -0°28'43   |                     | ,                   |                     |            |
| minimum elong    | -432 Mar 29 j 03:41           | 3° <b>Y</b> 06′17                       |            | superior conj       | -431 Mar 13 j 05:15 | 17° <b>)</b> 18'34  | -0°55'14   |
| asc. node        | -432 Mar 31 j 20:23           | 8° <b>Υ</b> 54'50                       |            | minimum elong       | -431 Mar 13 j 07:52 | 17° <b>)</b> €32'13 |            |
| evening rise     | -432 Apr 05 j 04:45           | 18° <b>Ƴ</b> 13'30                      |            | asc. node           | -431 Mar 18 j 17:25 | 28° <b>)</b> 56'20  |            |
| e venning rise   | -432 Apr 11 j 00:43           | 0°8                                     |            | use. Houe           | -431 Mar 19 j 05:30 | 0°Υ                 |            |
| evening max el   | -432 Apr 28 j 01:15           | 24° <b>8</b> 50'31                      | 23°09'23   | evening rise        | -431 Mar 20 j 15:02 | 2°Υ55'39            |            |
| evening max er   | -432 May 05 j 03:16           | 0°II                                    | 25 07 25   | evening rise        | -431 Apr 04 j 23:46 | 0°8                 |            |
| desc. node       | -432 May 10 j 18:59           | 1° <b>I</b> I31'01                      |            | evening max el      | -431 Apr 09 j 20:57 | 5° <b>8</b> 33'55   | 21°36'52   |
| retrograde       | -432 May 10 j 10:59           | 1° <b>Ⅱ</b> 32'09                       |            | retrograde          | -431 Apr 22 j 03:56 | 11° <b>8</b> 33'09  | 21 3032    |
| evening set      | -432 May 15 j 00:49           | 1° <b>Ⅱ</b> 04'44                       |            | evening set         | -431 Apr 24 j 15:31 | 11° <b>8</b> 19'13  |            |
| evening set      | -432 May 18 j 03:03           | 30°R <b>8</b>                           |            | desc. node          | -431 Apr 27 j 16:02 | 10° <b>8</b> 27'48  |            |
| min. Earth dist. | -432 May 22 j 10:55           |   | 0.55689 AU | inferior conj       | -431 May 04 j 01:13 | 7° <b>8</b> 17'08   | 1047'54    |
| inferior conj    | -432 May 24 j 05:02           | 26° <b>8</b> 43'30                      |            | minimum elong       | -431 May 04 j 01:13 | 7° <b>8</b> 24'06   |            |
| minimum elong    | -432 May 23 j 21:57           | 26° <b>8</b> 53'54                      |            | min. Earth dist.    | -431 May 03 j 20:10 | 7° <b>8</b> 19'00   | 0.55019 AU |
| Č                | -432 Jun 01 j 21:42           | 20 <b>8</b> 33 34<br>22° <b>8</b> 48'52 | 3 20 40    |                     | , ,                 | 3° <b>8</b> 18'52   | 0.55019 AU |
| morning rise     | ,                             | 22° <b>8</b> 31'18                      |            | morning rise        | -431 May 13 j 01:49 | 2° <b>8</b> 59'00   |            |
| direct           | -432 Jun 04 j 14:36           |   | 20020117   | direct              | -431 May 16 j 02:02 |                     | 21057114   |
| morning max el   | -432 Jun 15 j 07:49           | 27° <b>8</b> 29'03                      | 20°28'16   | morning max el      | -431 May 28 j 10:45 | 8° <b>8</b> 49'32   | 21°56′14   |
|                  | -432 Jun 17 j 18:33           | 0°II                                    |            |                     | -431 Jun 12 j 08:25 | 0°II                |            |
| asc. node        | -432 Jun 27 j 19:36           | 15° <b>Ⅱ</b> 05'06                      |            | asc. node           | -431 Jun 14 j 16:40 | 4° <b>∏</b> 29'13   |            |
| morning set      | -432 Jul 04 j 02:02           | 27° <b>Ⅱ</b> 19'30                      |            | morning set         | -431 Jun 18 j 11:25 | 12° <b>∏</b> 09'16  |            |
|                  | -432 Jul 05 j 09:20           | 0ං <b>ව</b>                             |            |                     |                     |                     |            |
|                  |                               | _                                       |            | superior conj       | -431 Jun 25 j 18:10 | 27° <b>∐</b> 30′13  |            |
| superior conj    | -432 Jul 11 j 17:18           |   | 1°43'53    | minimum elong       | -431 Jun 25 j 15:54 | 27° <b>Ⅱ</b> 18'19  | 1°33'37    |
| minimum elong    | -432 Jul 11 j 15:54           | 12° <b>©</b> 54'00                      | 1°43'49    |                     | -431 Jun 26 j 22:51 | $0$ $\circ$ $\odot$ |            |
| max. Earth dist. | -432 Jul 16 j 15:12           | 22°5946'34                              | 1.36217 AU | max. Earth dist.    | -431 Jun 29 j 05:43 | 4° <b>©</b> 42'34   | 1.34692 AU |
|                  | -432 Jul 20 j 10:38           | $0 {\circ} \Omega$                      |            | evening rise        | -431 Jul 03 j 20:27 | 13° <b>©</b> 52'26  |            |
| evening rise     | -432 Jul 20 j 15:52           | 0° <b>£</b> 24'14                       |            |                     | -431 Jul 12 j 17:12 | $0^{\circ}\Omega$   |            |
| desc. node       | -432 Aug 06 j 18:19           | 28° <b>Ω</b> 51'21                      |            | desc. node          | -431 Jul 24 j 15:20 | 18° <b>Ω</b> 38'29  |            |
|                  | -432 Aug 07 j 12:54           | O° <b>m</b> p                           |            |                     | -431 Aug 02 j 08:56 | 0° <b>m</b>         |            |
| evening max el   | -432 Aug 25 j 09:40           | 22° <b>m</b> 24'09                      | 26°07'00   | evening max el      | -431 Aug 07 j 21:26 | 5° Mp 55′08         | 26°57'38   |
| retrograde       | -432 Sep 06 j 23:07           | 29° Mg 32'20                            |            | retrograde          | -431 Aug 21 j 01:49 | 13° Mp 13'27        |            |
| evening set      | -432 Sep 13 j 06:42           | 26° My 53′28                            |            | evening set         | -431 Aug 27 j 21:35 | 10° Mp 27′36        |            |
| min. Earth dist. | -432 Sep 17 j 11:33           | 22° <b>m</b> 22'25                      | 0.66508 AU | min. Earth dist.    | -431 Aug 31 j 19:13 | 6° Mp33′43          | 0.65449 AU |
| inferior conj    | -432 Sep 18 j 21:03           | 20° <b>m</b> 38'03                      | -1°39'11   | inferior conj       | -431 Sep 02 j 17:10 | 4° Mp 20′55         | -2°33'53   |
| minimum elong    | -432 Sep 18 j 23:33           | 20° Mp 30'16                            | 1°38'11    | minimum elong       | -431 Sep 02 j 20:58 | 4° <b>₯</b> 09'58   | 2°32'33    |
| asc. node        | -432 Sep 23 j 18:48           | 15° <b>m</b> 23'55                      |            |                     | -431 Sep 06 j 22:28 | 30°R $Ω$            |            |
| morning rise     | -432 Sep 24 j 16:43           | 14° <b>m</b> 46'46                      |            | morning rise        | -431 Sep 08 j 20:56 | 28° <b>Ω</b> 42'26  |            |
| direct           | -432 Sep 27 j 20:05           | 13° <b>m</b> 50'16                      |            | asc. node           | -431 Sep 10 j 15:52 | 28° <b>Ω</b> 04'40  |            |
| morning max el   | -432 Oct 04 j 17:25           | 17° <b>m</b> ) 41'35                    | 18°56'13   | direct              | -431 Sep 11 j 16:43 | 27° <b>Ω</b> 58'45  |            |
| -                | -432 Oct 14 j 01:51           | 0∘ <b>⊽</b>                             |            |                     | -431 Sep 16 j 13:06 | 0° m                |            |
| morning set      | -432 Oct 26 j 15:05           | 19° <b>ჲ</b> 32'29                      |            | morning max el      | -431 Sep 18 j 06:28 | 1° m 33'35          | 18°18'07   |
| C                | -432 Nov 02 j 06:38           | 0° <b>M</b>                             |            | morning set         | -431 Oct 07 j 06:11 | 29° m 55'12         |            |
| desc. node       | -432 Nov 02 j 17:39           | 0°ML43'17                               |            | . 8                 | -431 Oct 07 j 07:21 | 0∘ <b>⊽</b>         |            |
| max. Earth dist. | -432 Nov 10 j 18:08           |   | 1.44896 AU | desc. node          | -431 Oct 20 j 14:41 | 21° <b>≏</b> 27'15  |            |
|                  | <b>,</b>                      |   |            |                     |                     |                     |            |
| superior conj    | -432 Nov 12 j 01:52           | 15°M24'22                               | -0°58'36   | superior conj       | -431 Oct 22 j 02:59 | 23° <b>ჲ</b> 50'55  | -0°09'55   |
| minimum elong    | -432 Nov 11 j 18:45           | 14°M56'20                               |            | minimum elong       | -431 Oct 22 j 01:41 | 23° <b>Ω</b> 45'48  | 0°09'45    |
| minimum ciong    | -432 Nov 21 j 06:27           | 0° <b>∡</b> 7                           | 0 37 10    | behind sun begin    | -431 Oct 21 j 16:41 | 23° <b>⊆</b> 10'13  | 0 07 13    |
| evening rise     | -432 Nov 27 j 10:06           | 9° <b>∡</b> 755'05                      |            | behind sun end      | -431 Oct 22 j 10:41 | 24° <b>£</b> 21'22  |            |
| evening rise     | -432 Dec 09 j 22:31           | 0° <b>ろ</b>                             |            | max. Earth dist.    | -431 Oct 24 j 12:33 | 27° <b>⊆</b> 38'00  | 1.44944 AU |
| evening max el   | -432 Dec 18 j 02:32           | 0 0<br>10° <b>る</b> 53'02               | 18°43'08   | max. Earth dist.    | -431 Oct 24 j 12:33 | 0°M                 | 1.44944 AU |
| asc. node        | -432 Dec 18 j 02:32           | 10 03302<br>13°る10'49                   | 16 45 06   | evening rise        | -431 Nov 07 j 13:30 | 19°M37'01           |            |
|                  |                               | 13 81049<br>14° <b>8</b> 38'33          |            | evening rise        | •                   | 0° <b>√</b>         |            |
| retrograde       | -432 Dec 24 j 19:29           |   |            | grantest builli     | -431 Nov 14 j 05:09 |                     | 0.7m       |
| evening set      | -432 Dec 27 j 22:33           | 13° <b>る</b> 42'58                      | 2020140    | greatest brilliancy | -431 Nov 18 j 22:37 | 7°×718'01           | -0.7m      |
| inferior conj    | -431 Jan 02 j 17:19           | 8° <b>る</b> 03'13                       | 3°28'40    | evening max el      | -431 Dec 01 j 10:50 | 24° 🖈 20'32         | 19°27'02   |
| minimum elong    | -431 Jan 02 j 14:52           | 8° <b>ろ</b> 10'38                       | 3°28'13    | asc. node           | -431 Dec 07 j 15:08 | 28° 🗷 24'34         |            |
| min. Earth dist. | -431 Jan 04 j 12:55           | 5° <b>る</b> 51'15                       | 0.65044 AU | retrograde          | -431 Dec 08 j 15:54 | 28° 🖈 30'32         |            |
| morning rise     | -431 Jan 08 j 06:47           | 1°る55'20                                |            | evening set         | -431 Dec 12 j 01:51 | 27° 🖈 22'23         | 2057156    |
| ti .             | -431 Jan 11 j 02:21           | 30°R <b>✓</b>                           |            | inferior conj       | -431 Dec 17 j 15:22 | 21° 🗷 27'41         | 2°57'56    |
| direct           | -431 Jan 15 j 00:01           | 29° <b>₹</b> 03'05                      |            | minimum elong       | -431 Dec 17 j 12:32 | 21° 🖈 36'52         | 2°57'11    |
|                  | -431 Jan 19 j 04:57           | 0°る                                     | 25005151   | min. Earth dist.    | -431 Dec 18 j 20:37 | 19° <b>₹</b> 52'55  | 0.66238 AU |
| morning max el   | -431 Jan 28 j 06:02           | 6° <b>る</b> 46'01                       | 27~02'21   | morning rise        | -431 Dec 22 j 22:58 | 15° <b>₹</b> 15'59  |            |
| desc. node       | -431 Jan 29 j 16:52           | 8° <b>る</b> 15'52                       |            | direct              | -431 Dec 29 j 04:37 | 12° <b>∡</b> ³30'35 |            |
|                  |                               |   |            |                     |                     |                     |            |

| •                                 | •  |  | •          | · · · · · · · · · · · · · · · · · · · | 001 BCE in historical cou                  | , ,                                      | 50 232     |
|-----------------------------------|--|--|------------|---------------------------------------|--|--|------------|
| morning max el                    | -430 Jan 10 j 15:24                        | 19° <b>∡</b> 52'49                       |            | morning rise                          | -430 Dec 06 j 23:14                        | 28° <b>M</b> .47'45                      |            |
| desc. node                        | -430 Jan 16 j 13:55                        | 26° <b>∡</b> ³32'02                      |            | direct                                | -430 Dec 12 j 14:29                        | 26°M18'37                                |            |
|                                   | -430 Jan 19 j 08:02                        | ರ∘ರ                                      |            |                                       | -430 Dec 20 j 14:49                        | 0° <b>∡</b> ¹                            |            |
|                                   | -430 Feb 08 j 07:07                        | 0° <b>≈</b>                              |            | morning max el                        | -430 Dec 23 j 23:44                        | 3° <b>х</b> 05′49                        | 24°37'28   |
| morning set                       | -430 Feb 15 j 21:05                        | 13° <b>≈</b> 25'39                       |            | desc. node                            | -429 Jan 03 j 10:58                        | 15° <b>∡</b> ³36′07                      |            |
| max. Earth dist.                  | -430 Feb 19 j 18:55                        | 20° <b>≈</b> 48'44                       | 1.35599 AU |                                       | -429 Jan 13 j 13:10                        | 0°ರ                                      |            |
|                                   | -430 Feb 24 j 10:40                        | 0° <b>∀</b>                              |            | morning set                           | -429 Jan 29 j 00:54                        | 25° <b>පි</b> 16'07                      |            |
|                                   |  |  |            |                                       | -429 Jan 31 j 16:36                        | 0° <b>≈</b>                              |            |
| superior conj                     | -430 Feb 25 j 00:55                        | 1° <b>米</b> 11'54                        |            | max. Earth dist.                      | -429 Feb 01 j 17:01                        | 1° <b>≈</b> 50'50                        | 1.37473 AU |
| minimum elong                     | -430 Feb 25 j 04:27                        | 1° <b>)</b> 29'51                        | 1°19'39    |                                       | 120 5 1 00 : 00 50                         | 1.40 20150                               | 1044104    |
| evening rise                      | -430 Mar 04 j 21:56                        | 17° <b>)</b> € 22'06                     |            | superior conj                         | -429 Feb 08 j 09:59                        | 14°≈28'59                                |            |
| asc. node                         | -430 Mar 05 j 14:29<br>-430 Mar 11 j 08:45 | 18° <b>)</b> 46′27<br>0° <b>°</b>        |            | minimum elong                         | -429 Feb 08 j 13:43<br>-429 Feb 16 j 05:59 | 14° <b>≈</b> 47'08<br>0° <b> ∺</b>       | 1-41-11    |
| evening max el                    | -430 Mar 23 j 02:57                        | 0 1<br>16° <b>Υ</b> 49'01                | 20°16'58   | evening rise                          | -429 Feb 16 j 03:39                        | 0 K<br>1° <b>¥</b> 25'14                 |            |
| retrograde                        | -430 Apr 02 j 17:50                        | 21° <b>Υ</b> '54'39                      | 20 10 38   | asc. node                             | -429 Feb 20 j 11:32                        | 8° <b>H</b> 19'18                        |            |
| evening set                       | -430 Apr 04 j 20:55                        | 21° <b>Υ</b> '43'15                      |            | evening max el                        | -429 Mar 05 j 20:03                        | 28° <b>)</b> 41'49                       | 19°15'09   |
| inferior conj                     | -430 Apr 13 j 21:21                        | 17° <b>Υ</b> 45'07                       | 0°11'12    | evening max or                        | -429 Mar 07 j 07:27                        | 0°Υ                                      | 1, 150,    |
| minimum elong                     | -430 Apr 13 j 21:52                        | 17° <b>Ƴ</b> 44'22                       | 0°11'01    | retrograde                            | -429 Mar 14 j 18:53                        | 2° <b>Y</b> ′59'47                       |            |
| transit middle                    | -430 Apr 13 j 21:52                        | 17° <b>Ƴ</b> 44'22                       | 0°11'01    | evening set                           | -429 Mar 17 j 00:14                        | 2° <b>Y</b> 45'03                        |            |
| transit begin                     | -430 Apr 13 j 18:58                        | 17° <b>Ƴ</b> 48'39                       |            | Č                                     | -429 Mar 23 j 03:01                        | 30° <b>₹</b> ₩                           |            |
| transit end                       | -430 Apr 14 j 00:46                        | 17° <b>Y</b> '40'04                      |            | inferior conj                         | -429 Mar 25 j 06:54                        | 28° <b>)</b> ₹35′23                      | 1°55'27    |
| desc. node                        | -430 Apr 14 j 13:04                        | 17° <b>Y</b> ′21'51                      |            | minimum elong                         | -429 Mar 25 j 10:59                        | 28° <b>¥</b> 28'31                       | 1°54'13    |
| min. Earth dist.                  | -430 Apr 15 j 13:49                        | 16° <b>Ƴ</b> 45'26                       | 0.55313 AU | min. Earth dist.                      | -429 Mar 28 j 04:49                        | 26° <b>∺</b> 38'53                       | 0.56493 AU |
| morning rise                      | -430 Apr 22 j 21:06                        | 13° <b>Y</b> ′24'37                      |            | desc. node                            | -429 Apr 01 j 10:08                        | 24° <b>¥</b> 16′27                       |            |
| direct                            | -430 Apr 26 j 15:00                        | 12° <b>Y</b> ′53'59                      |            | morning rise                          | -429 Apr 02 j 18:53                        | 23° <b>)</b> 42′51                       |            |
| morning max el                    | -430 May 10 j 04:53                        | 19° <b>Ƴ</b> 34'09                       | 23°35'32   | direct                                | -429 Apr 07 j 15:04                        | 22° <b>)</b> 48'48                       |            |
|                                   | -430 May 18 j 22:09                        | 0° <b>8</b>                              |            |                                       | -429 Apr 21 j 17:48                        | 0° <b>Υ</b>                              |            |
| asc. node                         | -430 Jun 01 j 13:45                        | 24° <b>8</b> 13'33                       |            | morning max el                        | -429 Apr 21 j 19:28                        | 0° <b>Y</b> 03'59                        | 25°14'09   |
| morning set                       | -430 Jun 02 j 22:57                        | 27° <b>8</b> 06'24                       |            | _                                     | -429 May 12 j 10:36                        | 0° <b>8</b>                              |            |
|                                   | -430 Jun 04 j 07:47                        | $\Pi$ $\circ 0$                          |            | morning set                           | -429 May 18 j 10:55                        | 12° <b>8</b> 05'22                       |            |
|                                   | 420 I 10:00 46                             | 120 <b>T</b> 17127                       | 1010142    | asc. node                             | -429 May 19 j 10:49                        | 14° <b>8</b> 11'56                       |            |
| superior conj                     | -430 Jun 10 j 00:46                        | 12° <b>Ⅱ</b> 16'37<br>12° <b>Ⅱ</b> 03'07 |            | aumorior coni                         | 420 May 25 : 10:40                         | 270 12152                                | 0°59'35    |
| minimum elong<br>max. Earth dist. | -430 Jun 09 j 22:15<br>-430 Jun 12 j 05:54 |  | 1.33556 AU | superior conj<br>minimum elong        | -429 May 25 j 10:49<br>-429 May 25 j 08:34 | 27° <b>8</b> 12'53                       |            |
| evening rise                      | -430 Jun 17 j 13:12                        | 27° <b>I</b> 57'17                       | 1.55550 AU | max. Earth dist.                      | -429 May 26 j 13:52                        | 27 800 37<br>29°840'12                   | 1.32802 AU |
| evening rise                      | -430 Jun 18 j 13:54                        | 27 <b>ਸ</b> 3717<br>0°ණ                  |            | max. Earth dist.                      | -429 May 26 j 17:31                        | 0°П                                      | 1.32002 AC |
|                                   | -430 Jul 05 j 22:14                        | $0^{\circ}\Omega$                        |            | evening rise                          | -429 Jun 01 j 14:27                        | 12° <b>Ⅱ</b> 27'35                       |            |
| desc. node                        | -430 Jul 11 j 12:22                        | 7° <b>Ω</b> 51'07                        |            |                                       | -429 Jun 10 j 17:54                        | 0ංම<br>                                  |            |
| evening max el                    | -430 Jul 21 j 08:43                        | 19° <b>Ω</b> 10′30                       | 27°23'30   | desc. node                            | -429 Jun 28 j 09:24                        | 26°©14'52                                |            |
| retrograde                        | -430 Aug 03 j 22:43                        | 26° <b>Ω</b> 30'36                       |            |                                       | -429 Jul 01 j 18:18                        | $0^{\circ}\Omega$                        |            |
| evening set                       | -430 Aug 11 j 02:14                        | 23° <b>Ω</b> 48′12                       |            | evening max el                        | -429 Jul 03 j 17:13                        | 1° <b>Ω</b> 56'58                        | 27°18'49   |
| min. Earth dist.                  | -430 Aug 14 j 18:11                        | 20° <b>Ω</b> 29'07                       | 0.64024 AU | retrograde                            | -429 Jul 17 j 13:00                        | 9° <b>Ω</b> 14'55                        |            |
| inferior conj                     | -430 Aug 17 j 05:18                        | 17° <b>Ω</b> 53'58                       | -3°24'49   | evening set                           | -429 Jul 24 j 16:56                        | 6° <b>Ω</b> 48'52                        |            |
| minimum elong                     | -430 Aug 17 j 09:54                        | 17° <b>Ω</b> 41'52                       | 3°23'29    | min. Earth dist.                      | -429 Jul 28 j 06:57                        |  | 0.62261 AU |
| morning rise                      | -430 Aug 23 j 18:29                        | 12° <b>Ω</b> 31'30                       |            | inferior conj                         | -429 Jul 31 j 06:28                        | 1° <b>Ω</b> 10′15                        |            |
| direct                            | -430 Aug 26 j 09:12                        | 11° <b>Ω</b> 57′09                       |            | minimum elong                         | -429 Jul 31 j 10:51                        | 0° <b>Ω</b> 59'57                        | 4°06'55    |
| asc. node                         | -430 Aug 28 j 12:56                        | 12° <b>Ω</b> 20'47                       |            |                                       | -429 Aug 01 j 12:52                        | 30° <b>₹</b> 5                           |            |
| morning max el                    | -430 Sep 01 j 21:56                        | 15° <b>Ω</b> 23'38                       | 17°57'16   | morning rise                          | -429 Aug 07 j 06:06                        | 26°507'13                                |            |
| . ,                               | -430 Sep 12 j 04:50                        | 0° Mp                                    |            | direct                                | -429 Aug 09 j 18:15                        | 25°539'22                                |            |
| morning set                       | -430 Sep 19 j 00:24                        | 11° <b>™</b> 36'36<br>0° <b>Ω</b>        |            | asc. node                             | -429 Aug 15 j 10:00                        | 28° <b>©</b> 04'12<br>29° <b>©</b> 05'39 | 17954127   |
|                                   | -430 Sep 29 j 22:17                        | 0 ==                                     |            | morning max el                        | -429 Aug 16 j 13:02<br>-429 Aug 17 j 10:03 | 29 <b>30</b> 03 39                       | 17°54'37   |
| superior conj                     | -430 Oct 01 j 19:59                        | 3° <b>ჲ</b> 07'10                        | 0°36'47    | morning set                           | -429 Sep 01 j 16:01                        | 24° <b>Ω</b> 19'42                       |            |
| minimum elong                     | -430 Oct 01 j 23:52                        | 3° <u>₽</u> 23'00                        | 0°36'16    | morning set                           | -429 Sep 04 j 19:49                        | 0° m)                                    |            |
| desc. node                        | -430 Oct 07 j 11:42                        | 12° <b>⊆</b> 13'47                       | 0 30 10    |                                       | 42) Бер бұ (1).4)                          | V IIV                                    |            |
| max. Earth dist.                  | -430 Oct 07 j 06:04                        | 11° <b>≏</b> 51'22                       | 1.44275 AU | superior conj                         | -429 Sep 12 j 15:52                        | 13° <b>m</b> ) 43'36                     | 1°12'33    |
| evening rise                      | -430 Oct 17 j 23:25                        | 28° <b>≏</b> 38'12                       |            | minimum elong                         | -429 Sep 12 j 20:54                        | 14° <b>m</b> ) 05'06                     | 1°11'59    |
| -                                 | -430 Oct 18 j 20:40                        | $0^{\circ}$ M                            |            | max. Earth dist.                      | -429 Sep 19 j 20:11                        | 25° <b>m</b> ) 43'11                     | 1.42970 AU |
|                                   | -430 Nov 08 j 03:35                        | 0° <b>∡</b> ¹                            |            |                                       | -429 Sep 22 j 11:39                        | 0∘ <u>⊽</u>                              |            |
| evening max el                    | -430 Nov 14 j 14:11                        | 7° <b>∡</b> ¹48'50                       | 20°25'49   | desc. node                            | -429 Sep 24 j 08:44                        | 3° <b>ჲ</b> 00'04                        |            |
| retrograde                        | -430 Nov 22 j 13:28                        | 12° <b>∡</b> °30'39                      |            | evening rise                          | -429 Sep 27 j 07:39                        | 7° <b>٩</b> 39'32                        |            |
| asc. node                         | -430 Nov 24 j 12:12                        | 12° <b>₹</b> ′09'02                      |            |                                       | -429 Oct 12 j 03:21                        | $0^{\circ}$ M                            |            |
| evening set                       | -430 Nov 26 j 08:18                        | 11° <b>∡</b> '07'50                      |            | evening max el                        | -429 Oct 28 j 11:44                        | 21°M17'40                                | 21°36'26   |
| inferior conj                     | -430 Dec 01 j 18:30                        | 5° <b>∡</b> ′01'09                       | 2°18'34    | retrograde                            | -429 Nov 06 j 10:18                        | 26°M36'30                                |            |
| minimum elong                     | -430 Dec 01 j 15:52                        | 5° <b>₹</b> 10'03                        | 2°17'41    | evening set                           | -429 Nov 10 j 16:03                        | 24°M57'04                                |            |
| min. Earth dist.                  | -430 Dec 02 j 10:55                        | 4° <b>∡</b> °05'36                       | 0.67055 AU | asc. node                             | -429 Nov 11 j 09:14                        | 24°M20'18                                | 1022140    |
|                                   | -430 Dec 05 j 17:58                        | 30°RM₀                                   |            | inferior conj                         | -429 Nov 16 j 00:33                        | 18°M41'36                                | 1~52'48    |

| -                                 | nical year style is used: The              |   | •                     | * * * · · · · · · · · · · · · · · · · · |  |   | 50 233     |
|-----------------------------------|--|---|-----------------------|---|--|---|------------|
| minimum elong                     | -429 Nov 15 j 22:34                        | 18°M48'25                               |                       | inting style is the year.               | -428 Nov 01 j 03:04                        | 30°R <b>≏</b>                             |            |
| min. Earth dist.                  | -429 Nov 16 j 05:30                        |   | 0.67518 AU            | morning rise                            | -428 Nov 04 j 13:53                        | 26° <b>≏</b> 16'11                        |            |
| morning rise                      | -429 Nov 21 j 04:57                        | 12°M28'32                               |                       | direct                                  | -428 Nov 08 j 23:04                        | 24° <b>£</b> 31'04                        |            |
| direct                            | -429 Nov 26 j 04:55                        | 10°M20'46                               |                       | morning max el                          | -428 Nov 17 j 22:39                        | 29° <b>≏</b> 48'16                        | 21°44'42   |
| morning max el                    | -429 Dec 06 j 09:03                        | 16°M23'38                               | 23°09'55              |   | -428 Nov 18 j 03:17                        | 0° <b>M</b> .                             |            |
| -                                 | -429 Dec 17 j 13:30                        | 0° <b>∡</b> ¹                           |                       | desc. node                              | -428 Dec 07 j 05:02                        | 25°M17'36                                 |            |
| desc. node                        | -429 Dec 21 j 08:00                        | 5° <b>∡</b> 14'36                       |                       |   | -428 Dec 10 j 08:34                        | 0° <b>∡</b> ¹                             |            |
|                                   | -428 Jan 06 j 14:22                        | ರ°0                                     |                       | morning set                             | -428 Dec 20 j 00:12                        | 14° <b>√</b> 57'44                        |            |
| morning set                       | -428 Jan 10 j 03:06                        | 5° <b>ರ</b> 48'32                       |                       | max. Earth dist.                        | -428 Dec 26 j 11:58                        | 25° <b>渘</b> ³30'48                       | 1.41630 AU |
| max. Earth dist.                  | -428 Jan 14 j 12:24                        | 13° <b>る</b> 16'10                      | 1.39577 AU            |   | -428 Dec 29 j 04:15                        | 0°ಕ                                       |            |
| superior conj                     | -428 Jan 22 j 04:17                        | 26° <b>පි</b> 58'55                     | -1°56'30              | superior conj                           | -427 Jan 03 j 02:39                        | 8° <b>る</b> 29'02                         | -2°01'08   |
| minimum elong                     | -428 Jan 22 j 06:50                        | 27° <b>る</b> 10'43                      | 1°56'23               | minimum elong                           | -427 Jan 03 j 02:01                        | 8° <b>පි</b> 26'16                        | 2°01'08    |
|                                   | -428 Jan 23 j 19:17                        | 0° <b>≈</b>                             |                       | evening rise                            | -427 Jan 13 j 20:38                        | 27° <b>る</b> 53'19                        |            |
| evening rise                      | -428 Jan 31 j 15:48                        | 14° <b>≈</b> 58′12                      |                       |   | -427 Jan 15 j 00:11                        | 0° <b>≈</b>                               |            |
| asc. node                         | -428 Feb 07 j 08:34                        | 27° <b>≈</b> 28'52                      |                       | asc. node                               | -427 Jan 24 j 05:35                        | 16° <b>≈</b> 07'43                        |            |
|                                   | -428 Feb 08 j 19:27                        | 0° <b>∀</b>                             |                       | evening max el                          | -427 Jan 30 j 06:57                        | 24°≈01'01                                 | 18°11'23   |
| evening max el                    | -428 Feb 16 j 22:20                        | 11° <b>)</b> €08'23                     | 18°33'13              | retrograde                              | -427 Feb 06 j 04:12                        | 27°≈29'41                                 |            |
| retrograde                        | -428 Feb 24 j 14:37                        | 14° <b>)</b> 53'45                      |                       | evening set                             | -427 Feb 08 j 18:59                        | 27°≈00'16                                 | 2042127    |
| evening set                       | -428 Feb 27 j 00:49                        | 14° <b>)</b> 32'32                      | 2007104               | inferior conj                           | -427 Feb 15 j 15:13                        | 22°≈10′26                                 | 3°42'27    |
| inferior conj                     | -428 Mar 05 j 12:51                        | 10° <b>米</b> 03'39<br>9° <b>米</b> 55'49 | 3°06'04               | minimum elong                           | -427 Feb 15 j 17:09                        | 22°≈06'03                                 | 3°42'16    |
| minimum elong<br>min. Earth dist. | -428 Mar 05 j 16:51<br>-428 Mar 08 j 22:39 | 9° <b>★</b> 35'49<br>7° <b>¥</b> 24'40  | 3°05'15<br>0.58291 AU | min. Earth dist.                        | -427 Feb 18 j 22:18<br>-427 Feb 22 j 13:25 | 19°≈11'41<br>16°≈26'57                    | 0.60362 AU |
| morning rise                      | -428 Mar 13 j 06:13                        | 4° <b>X</b> 24'40                       | 0.58291 AU            | morning rise<br>direct                  | -427 Mar 01 j 05:47                        | 16°≈2637<br>14°≈20'08                     |            |
| desc. node                        | -428 Mar 18 j 07:10                        | 3° <b>)</b> 14′10                       |                       | desc. node                              | -427 Mar 05 j 04:12                        | 14 ≈2008<br>15°≈01'16                     |            |
| direct                            | -428 Mar 19 j 04:24                        | 3° <b> ★</b> 12'10                      |                       | morning max el                          | -427 Mar 15 j 11:47                        | 22°≈07'34                                 | 27°20'57   |
| morning max el                    | -428 Apr 02 j 12:37                        | 10° <b>)</b> (48'03                     | 26°36'44              | morning max cr                          | -427 Mar 22 j 10:24                        | 0° <b>∺</b>                               | 21 2731    |
| morning max ci                    | -428 Apr 17 j 07:50                        | 0°Υ                                     | 20 30 44              |   | -427 Apr 10 j 07:19                        | 0° <b>Υ</b>                               |            |
| morning set                       | -428 May 01 j 21:39                        | 27° <b>Υ</b> 00'09                      |                       | morning set                             | -427 Apr 16 j 05:25                        | 11° <b>Υ</b> 44'37                        |            |
|                                   | -428 May 03 j 07:41                        | 0°8                                     |                       | asc. node                               | -427 Apr 22 j 04:54                        | 24° <b>Ƴ</b> 30′27                        |            |
| asc. node                         | -428 May 05 j 07:51                        | 4° <b>8</b> 19'00                       |                       | max. Earth dist.                        | -427 Apr 22 j 14:45                        | 25° <b>Ƴ</b> 24'18                        | 1.32387 AU |
| superior conj                     | -428 May 08 j 22:25                        | 12° <b>8</b> 12'20                      | 0°37'21               | superior conj                           | -427 Apr 23 j 09:55                        | 27° <b>Ƴ</b> 09'14                        | 0°12'47    |
| minimum elong                     | -428 May 08 j 20:51                        | 12° <b>8</b> 03'42                      | 0°37'21<br>0°37'01    | minimum elong                           | -427 Apr 23 j 09:21                        | 27° <b>Υ</b> 06'04                        | 0°12'40    |
| max. Earth dist.                  | -428 May 09 j 02:06                        | 12° <b>8</b> 32'34                      | 1.32415 AU            | behind sun begin                        | -427 Apr 23 j 06:19                        | 26° <b>Y</b> 49'26                        | 0 12 40    |
| evening rise                      | -428 May 15 j 21:21                        | 27° <b>8</b> 13'38                      | 1.52415710            | behind sun end                          | -427 Apr 23 j 12:23                        | 27° <b>Y</b> 22'41                        |            |
| e vennig rise                     | -428 May 17 j 05:27                        | 0°II                                    |                       | oomina san ona                          | -427 Apr 24 j 17:05                        | 0°8                                       |            |
|                                   | -428 Jun 03 j 06:29                        | 0°9                                     |                       | evening rise                            | -427 Apr 30 j 07:39                        | 12° <b>8</b> 07'51                        |            |
| desc. node                        | -428 Jun 14 j 06:26                        | 13° <b>©</b> 28'44                      |                       | 8                                       | -427 May 09 j 10:17                        | 0°II                                      |            |
| evening max el                    | -428 Jun 14 j 20:04                        | 14° <b>©</b> 01'41                      | 26°40'59              | evening max el                          | -427 May 27 j 16:01                        | 25° <b>Ⅱ</b> 21′24                        | 25°32'56   |
| retrograde                        | -428 Jun 28 j 19:39                        | 21° <b>©</b> 17'15                      |                       | desc. node                              | -427 Jun 01 j 03:26                        | 29° <b>Ⅱ</b> 04'14                        |            |
| evening set                       | -428 Jul 05 j 13:08                        | 19° <b>5</b> 20'49                      |                       |   | -427 Jun 02 j 13:43                        | 0°€                                       |            |
| min. Earth dist.                  | -428 Jul 09 j 09:28                        | 16° <b>5</b> 42'37                      | 0.60257 AU            | retrograde                              | -427 Jun 10 j 17:15                        | 2° <b>©</b> 32'41                         |            |
| inferior conj                     | -428 Jul 12 j 17:06                        | 14° <b>©</b> 00'09                      | -4°36'19              | evening set                             | -427 Jun 16 j 11:01                        | 1° <b>©</b> 14'50                         |            |
| minimum elong                     | -428 Jul 12 j 19:35                        | 13° <b>©</b> 55'03                      | 4°36'06               |   | -427 Jun 18 j 20:54                        | 30°RⅡ                                     |            |
| morning rise                      | -428 Jul 20 j 03:57                        | 9° <b>5</b> 19'16                       |                       | min. Earth dist.                        | -427 Jun 21 j 04:07                        |   | 0.58217 AU |
| direct                            | -428 Jul 22 j 15:40                        | 8°\$55'58                               |                       | inferior conj                           | -427 Jun 24 j 09:44                        | 26° <b>Ⅱ</b> 14'33                        |            |
| morning max el                    | -428 Jul 30 j 00:44                        | 12° <b>©</b> 31'30                      | 18°11'10              | minimum elong                           | -427 Jun 24 j 08:18                        | 26° <b>Ⅱ</b> 17'07                        | 4°40'25    |
| asc. node                         | -428 Aug 01 j 07:03                        | 14° <b>©</b> 59'30                      |                       | morning rise                            | -427 Jul 02 j 08:13                        | 21° <b>I</b> I56'00                       |            |
|                                   | -428 Aug 10 j 18:41                        | 0°N                                     |                       | direct                                  | -427 Jul 04 j 20:57                        | 21° <b>II</b> 35'57                       |            |
| morning set                       | -428 Aug 14 j 23:10                        | 7° <b>Ω</b> 47'27                       |                       | morning max el                          | -427 Jul 13 j 06:04                        | 25° <b>Ⅱ</b> 32'46                        | 18°47'57   |
|                                   | 120 1 24:12 14                             | 250 026157                              | 1025105               | Ī                                       | -427 Jul 17 j 03:42                        | 0°95                                      |            |
| superior conj                     | -428 Aug 24 j 13:44                        | 25° <b>Ω</b> 36'57                      | 1°35'07               | asc. node                               | -427 Jul 19 j 04:06                        | 2°951'54                                  |            |
| minimum elong                     | -428 Aug 24 j 17:15                        |   | 1°34'50               | morning set                             | -427 Jul 29 j 17:28                        | 21°548'25                                 |            |
| max. Earth dist.                  | -428 Aug 27 j 00:41<br>-428 Sep 01 j 04:32 | 0° Тр<br>8° Тр 55'32                    | 1.41198 AU            |   | -427 Aug 02 j 21:53                        | $0^{\circ}\Omega$                         |            |
| evening rise                      | -428 Sep 01 j 04.32<br>-428 Sep 06 j 07:21 | 17° Mp 24'32                            | 1.41198 AU            | superior conj                           | -427 Aug 07 j 08:12                        | 8° <b>Ω</b> 32'09                         | 1°45'46    |
| desc. node                        | -428 Sep 10 j 05:45                        | 23° Mp 42'10                            |                       | minimum elong                           | -427 Aug 07 j 08.12<br>-427 Aug 07 j 09:30 | 8° <b>Ω</b> 38'17                         | 1°45'44    |
| dese. Hour                        | -428 Sep 10 j 05:45<br>-428 Sep 14 j 07:04 | 23° 110 42°10<br>0° <u>റ</u>            |                       | max. Earth dist.                        | -427 Aug 07 J 09:30<br>-427 Aug 14 j 07:50 | 21°Ω22'22                                 | 1.39204 AU |
|                                   | -428 Oct 05 j 19:59                        | 0° <b>m.</b>                            |                       | evening rise                            | -427 Aug 18 j 07:25                        | 21° <b>00</b> 22222<br>28° <b>Ω</b> 18'25 | 1.37407 AU |
| evening max el                    | -428 Oct 10 j 03:50                        | 4°M47'02                                | 22°54'41              | 0,0111112 1130                          | -427 Aug 19 j 07:21                        | 0° m                                      |            |
| retrograde                        | -428 Oct 20 j 04:49                        | 10°M44'42                               |                       | desc. node                              | -427 Aug 28 j 02:46                        | 14° <b>m)</b> 16'08                       |            |
| evening set                       | -428 Oct 24 j 23:21                        | 8°M47'20                                |                       |   | -427 Sep 07 j 18:50                        | 0ಂ <del>ಹ</del>                           |            |
| asc. node                         | -428 Oct 28 j 06:16                        | 5°M13'21                                |                       | evening max el                          | -427 Sep 22 j 16:22                        | 18° <b>≏</b> 19'11                        | 24°14'49   |
| inferior conj                     | -428 Oct 30 j 07:38                        | 2°M26'44                                | 0°42'18               | retrograde                              | -427 Oct 03 j 19:53                        | 24° <b>≏</b> 51'40                        |            |
| minimum elong                     | -428 Oct 30 j 06:39                        | 2°M30'07                                | 0°41'53               | evening set                             | -427 Oct 09 j 04:31                        | 22° <b>≏</b> 36′25                        |            |
| min. Earth dist.                  | -428 Oct 30 j 02:01                        | 2°M46'06                                | 0.67645 AU            | min. Earth dist.                        | -427 Oct 13 j 22:03                        | 17° <b>≏</b> 08'23                        | 0.67455 AU |
|                                   |  |   |                       |   |  |   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 254 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom | ical year style is used: Tl                | ne year -900 in                   | astronomical cou | inting style is the year | 901 BCE in historical cou                  | unting style.             | 5          |
|---------------------|--|-----------------------------------|------------------|--------------------------|--|---------------------------|------------|
| inferior conj       | -427 Oct 14 j 14:00                        | 16° <b>≏</b> 14'38                | -0°11'29         |                          | -426 Sep 03 j 06:34                        | 0∘ <b>ত</b>               |            |
| minimum elong       | -427 Oct 14 j 14:17                        | 16° <b>♀</b> 13'42                | 0°11'23          | evening max el           | -426 Sep 05 j 03:51                        | 1° <b>≏</b> 55'19         | 25°29'40   |
| transit middle      | -427 Oct 14 j 14:17                        | 16° <b>≏</b> 13'42                | 0°11'23          | retrograde               | -426 Sep 17 j 06:30                        | 8° <b>≏</b> 53'24         |            |
| transit begin       | -427 Oct 14 j 12:19                        | 16° <b>≏</b> 20'17                |                  | evening set              | -426 Sep 23 j 05:49                        | 6° <b>£</b> 22'12         |            |
| transit end         | -427 Oct 14 j 16:14                        | 16° <b>≏</b> 07'07                |                  | min. Earth dist.         | -426 Sep 27 j 15:13                        | 1° <b>≏</b> 29'36         | 0.66946 AU |
| asc. node           | -427 Oct 15 j 03:18                        | 15° <b>≏</b> 29'56                |                  | inferior conj            | -426 Sep 28 j 17:57                        | 0° <b>ჲ</b> 03'22         |            |
| morning rise        | -427 Oct 20 j 00:03                        | 10° <b>亞</b> 09'08                |                  | minimum elong            | -426 Sep 28 j 19:38                        | 29° <b>m</b> 57'57        | 1°06'21    |
| direct              | -427 Oct 23 j 20:01                        | 8° <b>≏</b> 45'14                 |                  |                          | -426 Sep 28 j 18:59                        | 30°R, Mp                  |            |
| morning max el      | -427 Oct 31 j 19:07                        | 13° <b>≏</b> 22'02                | 20°28'28         | asc. node                | -426 Oct 02 j 00:21                        | 26° Mp 08'09              |            |
|                     | -427 Nov 13 j 15:01                        | 0°M₊                              |                  | morning rise             | -426 Oct 04 j 09:36                        | 24° Mp 05'47              |            |
| desc. node          | -427 Nov 24 j 02:03                        | 15°M37'57                         |                  | direct                   | -426 Oct 07 j 18:24                        | 23° <b>m</b> 00'11        |            |
| morning set         | -427 Nov 28 j 23:36                        | 23°M10'05                         |                  | morning max el           | -426 Oct 14 j 23:09                        | 27° Mp 05'24              | 19°25'30   |
|                     | -427 Dec 03 j 08:32                        | 0°⊀                               |                  |                          | -426 Oct 17 j 13:40                        | 0∘ <b>⊽</b>               |            |
| max. Earth dist.    | -427 Dec 08 j 18:47                        | 8° <b>₹</b> 38'19                 | 1.43357 AU       |                          | -426 Nov 06 j 23:45                        | 0° <b>M</b> ₊             |            |
|                     |  | _                                 |                  | morning set              | -426 Nov 07 j 23:53                        | 1°M33'41                  |            |
| superior conj       | -427 Dec 14 j 23:48                        | 18° <b>∡</b> 747'19               |                  | desc. node               | -426 Nov 10 j 23:05                        | 6°M₁10'40                 |            |
| minimum elong       | -427 Dec 14 j 18:26                        | 18° <b>∡</b> 25′04                | 1°50'36          | max. Earth dist.         | -426 Nov 21 j 08:36                        | 22°M29'01                 | 1.44531 AU |
|                     | -427 Dec 21 j 15:03                        | 0° <b>ろ</b>                       |                  |                          |  | <b>_</b>                  |            |
| evening rise        | -427 Dec 27 j 09:28                        | 10° <b>る</b> 01'26                |                  | superior conj            | -426 Nov 24 j 18:28                        | 27°M54'13                 |            |
| _                   | -426 Jan 08 j 04:49                        | 0° <b>≈</b>                       |                  | minimum elong            | -426 Nov 24 j 10:16                        | 27°M21'33                 | 1°21'46    |
| asc. node           | -426 Jan 11 j 02:37                        | 4°≈05'45                          |                  |                          | -426 Nov 26 j 01:56                        | 0° <b>∡</b>               |            |
| evening max el      | -426 Jan 13 j 18:52                        |                                   | 18°09'05         | evening rise             | -426 Dec 09 j 01:56                        | 21° <b>₹</b> 15'16        |            |
| retrograde          | -426 Jan 20 j 07:31                        | 10°≈36'41                         |                  |                          | -426 Dec 14 j 07:45                        | 0°る                       | 1000 510 5 |
| evening set         | -426 Jan 23 j 02:39                        | 9°≈57'57                          | 2051142          | evening max el           | -426 Dec 28 j 07:21                        | 20°る31'39                 | 18°25'35   |
| inferior conj       | -426 Jan 29 j 10:35                        | 4°≈47'32                          |                  | asc. node                | -426 Dec 28 j 23:39                        | 21°る11'29                 |            |
| minimum elong       | -426 Jan 29 j 10:17                        | 4°≈48'20                          |                  | retrograde               | -425 Jan 03 j 20:20                        | 24°る06'38                 |            |
| min. Earth dist.    | -426 Feb 01 j 06:08                        |                                   | 0.62402 AU       | evening set              | -425 Jan 06 j 20:16                        | 23°る17'28                 | 2041110    |
|                     | -426 Feb 03 j 06:36                        | 30°Rる                             |                  | inferior conj            | -425 Jan 12 j 19:04                        | 17°る47'51                 |            |
| morning rise        | -426 Feb 04 j 16:50                        | 28°る51'10                         |                  | minimum elong            | -425 Jan 12 j 17:11                        | 17° <b>る</b> 53'19        |            |
| direct              | -426 Feb 11 j 16:51                        | 26°る15'03                         |                  | min. Earth dist.         | -425 Jan 14 j 23:30                        | 15°る17'12                 | 0.64187 AU |
| desc. node          | -426 Feb 20 j 01:15                        | 29° <b>る</b> 20'11                |                  | morning rise             | -425 Jan 18 j 13:33                        | 11° <b>る</b> 43'32        |            |
|                     | -426 Feb 20 j 23:31                        | 0°≈<br>4°≈ •0€/52                 | 27946154         | direct                   | -425 Jan 25 j 11:30                        | 8°る52'52                  |            |
| morning max el      | -426 Feb 25 j 16:40                        | 4°≈06'52<br>0° <b>)</b> €         | 27-40-54         | desc. node               | -425 Feb 06 j 22:18<br>-425 Feb 08 j 01:11 | 15° <b>る</b> 35'49        | 27927145   |
|                     | -426 Mar 17 j 00:50                        |                                   |                  | morning max el           | ,  | 16°る41'10<br>0°≈          | 21-21.43   |
| morning set         | -426 Mar 31 j 08:03                        | 26° <b>米</b> 10′05<br>0° <b>Ƴ</b> |                  |                          | -425 Feb 19 j 03:02                        | 0° <b>∺</b>               |            |
| max. Earth dist.    | -426 Apr 02 j 04:53<br>-426 Apr 05 j 23:49 |                                   | 1.32735 AU       | morning set              | -425 Mar 09 j 19:05<br>-425 Mar 15 j 02:57 | 0 X<br>10° <b>∺</b> 08'16 |            |
| max. Earm dist.     | -420 Apr 03 j 23.49                        | 0 1001/                           | 1.32/33 AU       | max. Earth dist.         | -425 Mar 20 j 01:30                        |                           | 1.33499 AU |
| superior conj       | -426 Apr 07 j 19:35                        | 11° <b>Y</b> 56'26                | 0°13'21          | max. Earth dist.         | -423 Mai 20 J 01.30                        | 20 7 00 33                | 1.33499 AU |
| minimum elong       | -426 Apr 07 j 20:13                        | 11° <b>Υ</b> 59'50                |                  | superior conj            | -425 Mar 23 j 01:37                        | 26° <b>∺</b> 28'10        | -0°40'02   |
| behind sun begin    | -426 Apr 07 j 17:19                        | 11° <b>Υ</b> 44'10                | 0 13 12          | minimum elong            | -425 Mar 23 j 03:31                        | 26°\(\frac{1}{38}\)'20    | 0°39'38    |
| behind sun end      | -426 Apr 07 j 23:06                        | 12° <b>Υ</b> 15'30                |                  | minimum ciong            | -425 Mar 24 j 17:20                        | 0°Υ                       | 0 37 30    |
| asc. node           | -426 Apr 09 j 01:55                        | 14° <b>Υ</b> 41'07                |                  | asc. node                | -425 Mar 26 j 22:58                        | 4° <b>Υ</b> 47'11         |            |
| evening rise        | -426 Apr 14 j 19:21                        | 27° <b>Υ</b> 02'10                |                  | evening rise             | -425 Mar 30 j 06:42                        | 11° <b>Υ</b> 50'42        |            |
| evening rise        | -426 Apr 16 j 05:17                        | 0°8                               |                  | evening rise             | -425 Apr 08 j 15:38                        | 0°8                       |            |
|                     | -426 May 03 j 20:04                        | 0° <b>I</b> I                     |                  | evening max el           | -425 Apr 20 j 23:22                        | 16° <b>8</b> 42'15        | 22°29'01   |
| evening max el      | -426 May 09 j 07:11                        | 6°∏06'26                          | 24°04'15         | retrograde               | -425 May 04 j 00:03                        | 23° <b>8</b> 07'12        |            |
| desc. node          | -426 May 19 j 00:27                        | 12° <b>Ⅱ</b> 24'55                |                  | desc. node               | -425 May 05 j 21:30                        | 22° <b>8</b> 59'14        |            |
| retrograde          | -426 May 23 j 03:10                        | 13° <b>Ⅱ</b> 03'30                |                  | evening set              | -425 May 07 j 00:18                        | 22° <b>8</b> 47'18        |            |
| evening set         | -426 May 27 j 11:12                        | 12° <b>Ⅱ</b> 21'45                |                  | min. Earth dist.         | -425 May 15 j 07:14                        | 19° <b>8</b> 12'26        | 0.55300 AU |
| min. Earth dist.    | -426 Jun 02 j 18:26                        | 9° <b>Ⅱ</b> 18'36                 | 0.56448 AU       | inferior conj            | -425 May 16 j 08:50                        | 18° <b>8</b> 36'06        |            |
| inferior conj       | -426 Jun 05 j 06:13                        | 7° <b>Ⅱ</b> 45'56                 |                  | minimum elong            | -425 May 16 j 01:57                        | 18° <b>8</b> 45'52        | 2°48'02    |
| minimum elong       | -426 Jun 05 j 00:22                        | 7° <b>Ⅱ</b> 55'03                 | 4°06'43          | morning rise             | -425 May 25 j 05:32                        | 14° <b>8</b> 41'56        |            |
| morning rise        | -426 Jun 13 j 16:25                        | 3° <b>Ⅱ</b> 45′03                 |                  | direct                   | -425 May 28 j 00:51                        | 14° <b>8</b> 23'53        |            |
| direct              | -426 Jun 16 j 07:13                        | 3° <b>Ⅱ</b> 27'05                 |                  | morning max el           | -425 Jun 08 j 11:10                        | 19° <b>8</b> 43'36        | 21°03'40   |
| morning max el      | -426 Jun 26 j 02:09                        | 7° <b>Ⅱ</b> 59'14                 | 19°45'43         |                          | -425 Jun 16 j 18:16                        | $\Pi^{\circ}0$            |            |
| asc. node           | -426 Jul 06 j 01:09                        | 21° <b>Ⅲ</b> 27'58                |                  | asc. node                | -425 Jun 22 j 22:13                        | 10° <b>Ⅲ</b> 37′09        |            |
|                     | -426 Jul 10 j 16:10                        | $0$ $\circ$ $\odot$               |                  | morning set              | -425 Jun 28 j 02:55                        | 20° <b>Ⅲ</b> 56'32        |            |
| morning set         | -426 Jul 13 j 19:34                        | 6° <b>©</b> 13'45                 |                  |                          | -425 Jul 02 j 11:22                        | 0ංවෙ                      |            |
| superior conj       | -426 Jul 21 j 17:47                        | 22° <b>©</b> 13'27                | 1°46'48          | superior conj            | -425 Jul 05 j 14:04                        | 6°527'56                  | 1°40'19    |
| minimum elong       | -426 Jul 21 j 17:11                        | 22° <b>©</b> 10'27                | 1°46'49          | minimum elong            | -425 Jul 05 j 12:13                        | 6°518'23                  | 1°40'12    |
| -                   | -426 Jul 25 j 17:29                        | $0^{\circ}\Omega$                 |                  | max. Earth dist.         | -425 Jul 09 j 20:57                        | 15° <b>©</b> 08'34        | 1.35529 AU |
| max. Earth dist.    | -426 Jul 27 j 11:16                        | 3° <b>Ω</b> 18′02                 | 1.37245 AU       | evening rise             | -425 Jul 14 j 03:08                        | 23°522'54                 |            |
| evening rise        | -426 Jul 31 j 07:31                        | 10° <b>Ω</b> 21'47                |                  |                          | -425 Jul 17 j 17:21                        | $0^{\circ}\Omega$         |            |
|                     | -426 Aug 11 j 23:53                        | 0° <b>m</b>                       |                  | desc. node               | -425 Aug 01 j 20:48                        | 24° <b>Ω</b> 39'05        |            |
| desc. node          | -426 Aug 14 j 23:47                        | 4° M 37′15                        |                  |                          | -425 Aug 05 j 15:21                        | 0° <b>m</b>               |            |
|                     |  |                                   |                  |                          |  |                           |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 255 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom                 | ical year style is used: Th                | ne year -900 in                                       | astronomical cour     | nting style is the year 9         | 01 BCE in historical cou                   | nting style.                             | ,          |
|-------------------------------------|--|---|-----------------------|-----------------------------------|--|--|------------|
| evening max el                      | -425 Aug 18 j 15:40                        | 15°M 30'54  | 26°31'16              |                                   | -424 Jul 09 j 07:07                        | $0^{\circ}\Omega$                        |            |
| retrograde                          | -425 Aug 31 j 12:02                        | 22° <b>m</b> 43'48                                    |                       | desc. node                        | -424 Jul 18 j 17:51                        | 14° <b>Ω</b> 13′23                       |            |
| evening set                         | -425 Sep 07 j 01:10                        | 20° Mp 01'15  |                       | evening max el                    | -424 Jul 31 j 03:29                        | 28° <b>Ω</b> 57'03                       | 27°11'58   |
| min. Earth dist.                    | -425 Sep 11 j 02:58                        | 15° <b>m</b> 45'56                                    | 0.66100 AU            |                                   | -424 Aug 01 j 06:30                        | 0° <b>™</b>                              |            |
| inferior conj                       | -425 Sep 12 j 17:32                        | 13° <b>m</b> ,49'17                                   | -2°02'41              | retrograde                        | -424 Aug 13 j 12:07                        | 6° Mp 16′15                              |            |
| minimum elong                       | -425 Sep 12 j 20:37                        | 13° <b>m</b> 39'58                                    | 2°01'30               | evening set                       | -424 Aug 20 j 12:05                        | 3°m/30'16                                |            |
| morning rise                        | -425 Sep 18 j 16:27                        | 8° Mp 02'53   |                       |                                   | -424 Aug 24 j 04:05                        | 30°R <b>Ω</b>                            |            |
| asc. node                           | -425 Sep 18 j 21:25                        | 7° <b>m</b> 56'09                                     |                       | min. Earth dist.                  | -424 Aug 24 j 07:02                        |  | 0.64894 AU |
| direct                              | -425 Sep 21 j 16:23                        | 7° <b>m</b> y 12'07                                   |                       | inferior conj                     | -424 Aug 26 j 10:35                        | 27° <b>Ω</b> 28'46                       |            |
| morning max el                      | -425 Sep 28 j 09:32                        | 10° <b>m</b> 55'09                                    | 18°37'58              | minimum elong                     | -424 Aug 26 j 14:49                        | 27° <b>Ω</b> 17'02                       | 2°54'46    |
| _                                   | -425 Oct 11 j 23:12                        | 0∘ <b>⊽</b>   |                       | morning rise                      | -424 Sep 01 j 18:14                        | 21°Ω56'50                                |            |
| morning set                         | -425 Oct 18 j 22:26                        | 11° <b>Ω</b> 07'17                                    |                       | direct                            | -424 Sep 04 j 11:39                        | 21°Ω17'26                                |            |
| desc. node                          | -425 Oct 28 j 20:06                        | 26° <b>£</b> 51'10                                    |                       | asc. node                         | -424 Sep 04 j 18:29                        | 21°Ω17'52                                |            |
|                                     | -425 Oct 30 j 19:59                        | 0° <b>M</b> ₊   |                       | morning max el                    | -424 Sep 10 j 24:00                        | 24° <b>Ω</b> 47'18                       | 18°07'07   |
|                                     | 425 N 02 : 10 56                           | 60 <b>m</b> 17122                                     | 0020121               | . ,                               | -424 Sep 15 j 06:53                        | 0° M)                                    |            |
| superior conj                       | -425 Nov 03 j 19:56                        | 6°M17'32  |                       | morning set                       | -424 Sep 29 j 01:37                        | 22° m 05'16                              |            |
| minimum elong                       | -425 Nov 03 j 14:55                        | 5°M57'48  |                       |                                   | -424 Oct 03 j 20:00                        | 0∘ <b>⊽</b>                              |            |
| max. Earth dist.                    | -425 Nov 04 j 02:46                        |   | 1.45010 AU            |                                   | 424 0-4 12 : 01-20                         | 1 40 0 5012 4                            | 0010151    |
| avanina risa                        | -425 Nov 18 j 20:15                        | 0° ⊀<br>1° ⊀ 29'29                                    |                       | superior conj                     | -424 Oct 13 j 01:30                        | 14° <b>£</b> 58'34<br>15° <b>£</b> 03'53 |            |
| evening rise<br>greatest brilliancy | -425 Nov 19 j 18:45<br>-425 Nov 27 j 22:19 | 1 <b>x</b> · 29 29<br>14° <b>x</b> <sup>1</sup> 27'55 | 0.8m                  | minimum elong<br>behind sun begin | -424 Oct 13 j 02:50<br>-424 Oct 12 j 18:40 | 13 <b>2</b> 03 33 14° <b>2</b> 31'13     | 0 1041     |
| greatest billiancy                  | -425 Dec 08 j 09:06                        | 14 <b>メ</b> ・2733                                     | -0.6111               | behind sun end                    | -424 Oct 12 j 18:40                        | 14 <b>⊆</b> 31 13                        |            |
| evening max el                      | -425 Dec 11 j 17:47                        | 0 8<br>3° <b>る</b> 57'12                              | 19950151              | desc. node                        | -424 Oct 13 j 17:08                        | 13 <b>≥</b> 36 30 17° <b>♀</b> 36'28     |            |
| asc. node                           | -425 Dec 11 j 17.47<br>-425 Dec 15 j 20:42 | 3 03/12<br>7° <b>る</b> 10'09                          | 16 3931               | max. Earth dist.                  | -424 Oct 14 j 17.08                        |  | 1.44748 AU |
| retrograde                          | -425 Dec 18 j 14:53                        | 7° <b>る</b> 51'46                                     |                       | max. Earth dist.                  | -424 Oct 10 j 21:39                        | 0°M                                      | 1.44/46 AU |
| evening set                         | -425 Dec 21 j 20:47                        | 6°る50'52  |                       | evening rise                      | -424 Oct 29 j 13:24                        | 10°M50'32                                |            |
| inferior conj                       | -425 Dec 27 j 13:02                        | 1°る04'20  | 3°16'40               | evening rise                      | -424 Nov 11 j 01:26                        | 10 11 <b>3</b> 0 32                      |            |
| minimum elong                       | -425 Dec 27 j 10:20                        | 1°る12'44  |                       | greatest brilliancy               | -424 Nov 11 j 18:13                        | 1°×7'02'48                               | -0.7m      |
| minimum clong                       | -425 Dec 28 j 09:33                        | 30°R. <b>₹</b>  | 3 10 14               | evening max el                    | -424 Nov 24 j 00:04                        | 17°×724'23                               |            |
| min. Earth dist.                    | -425 Dec 29 j 02:17                        |   | 0.65603 AU            | retrograde                        | -424 Dec 01 j 12:10                        | 21° <b>х</b> 47'17                       | 17 30 17   |
| morning rise                        | -424 Jan 01 j 23:38                        | 24° 🗷 54'48   | 0.03003710            | asc. node                         | -424 Dec 01 j 17:46                        | 21° <b>×</b> <sup>7</sup> 46'58          |            |
| direct                              | -424 Jan 08 j 12:28                        | 22° <b>✓</b> 04'17                                    |                       | evening set                       | -424 Dec 05 j 01:40                        | 20° <b>х</b> 32′59                       |            |
| morning max el                      | -424 Jan 21 j 10:52                        | 29° <b>х</b> 39′12                                    | 26°37'50              | inferior conj                     | -424 Dec 10 j 13:32                        | 14° <b>∡</b> °32'30                      | 2°42'07    |
|                                     | -424 Jan 21 j 19:06                        | 0°る   |                       | minimum elong                     | -424 Dec 10 j 10:43                        | 14° <b>√</b> 41'48                       |            |
| desc. node                          | -424 Jan 24 j 19:20                        | 3° <b>る</b> 14'47                                     |                       | min. Earth dist.                  | -424 Dec 11 j 13:02                        | 13° <b>∡</b> 14'40                       |            |
|                                     | -424 Feb 13 j 00:29                        | 0° <b>≈</b>   |                       | morning rise                      | -424 Dec 15 j 19:34                        | 8° <b>√</b> 19'47                        |            |
| morning set                         | -424 Feb 26 j 10:37                        | 23° <b>≈</b> 28'21                                    |                       | direct                            | -424 Dec 21 j 19:10                        | 5° <b>∡</b> ¹40'45                       |            |
|                                     | -424 Feb 29 j 19:39                        | 0° <b>∀</b>   |                       | morning max el                    | -423 Jan 02 j 19:57                        | 12° <b>∡</b> ′49'41                      | 25°25'26   |
| max. Earth dist.                    | -424 Mar 01 j 16:40                        | 1° <b>)</b> 44′00                                     | 1.34706 AU            | desc. node                        | -423 Jan 10 j 16:22                        | 21° <b>₹</b> ′52'48                      |            |
|                                     |  |   |                       |                                   | -423 Jan 16 j 17:30                        | ರ°ರ                                      |            |
| superior conj                       | -424 Mar 06 j 01:49                        | 10° <b>)</b> €37'30                                   | -1°06'05              |                                   | -423 Feb 04 j 18:12                        | 0° <b>≈</b>                              |            |
| minimum elong                       | -424 Mar 06 j 04:53                        | 10° <b>)</b> 53′19                                    | 1°05'34               | morning set                       | -423 Feb 08 j 02:20                        | 5° <b>≈</b> 56'19                        |            |
| asc. node                           | -424 Mar 12 j 20:02                        | 24° <b>)</b> 44′26                                    |                       | max. Earth dist.                  | -423 Feb 11 j 20:13                        | 12° <b>≈</b> 51'36                       | 1.36352 AU |
| evening rise                        | -424 Mar 13 j 15:50                        | 26° <b>∺</b> 27'07                                    |                       |                                   |  |  |            |
|                                     | -424 Mar 15 j 09:20                        | $0$ ° $\Upsilon$                                      |                       | superior conj                     | -423 Feb 17 j 17:23                        | 24° <b>≈</b> 16′04                       | -1°29'50   |
| evening max el                      | -424 Apr 01 j 23:05                        | 27° <b>Y</b> 37'09                                    | 21°00'51              | minimum elong                     | -423 Feb 17 j 21:09                        | 24° <b>≈</b> 34'45                       | 1°29'21    |
|                                     | -424 Apr 04 j 18:18                        | 0°8   |                       |                                   | -423 Feb 20 j 13:52                        | 0° <b>∀</b>                              |            |
| retrograde                          | -424 Apr 13 j 13:29                        | 3° <b>8</b> 13'51                                     |                       | evening rise                      | -423 Feb 25 j 20:37                        | 10° <b>)</b> 44′23                       |            |
| evening set                         | -424 Apr 15 j 19:52                        | 3° <b>8</b> 01'48                                     |                       | asc. node                         | -423 Feb 27 j 17:06                        | 14° <b>)</b> 27'42                       |            |
| desc. node                          | -424 Apr 21 j 18:32                        | 0° <b>8</b> 53'21                                     |                       |                                   | -423 Mar 08 j 06:21                        | 0° <b>Υ</b>                              |            |
|                                     | -424 Apr 23 j 10:46                        | 30°₹ <b>Υ</b>   |                       | evening max el                    | -423 Mar 15 j 09:47                        | 9° <b>℃</b> 07'36                        | 19°48'17   |
| inferior conj                       | -424 Apr 25 j 03:10                        | 29° <b>Y</b> ′03′24                                   |                       | retrograde                        | -423 Mar 25 j 07:12                        | 13° <b>Y</b> ′52′07                      |            |
| minimum elong                       | -424 Apr 25 j 00:26                        | 29° <b>Y</b> ′07′15                                   |                       | evening set                       | -423 Mar 27 j 10:19                        | 13° <b>Y</b> ′39'54                      |            |
| min. Earth dist.                    | -424 Apr 25 j 20:13                        | 28° <b>Y</b> 39'15                                    | 0.55029 AU            | inferior conj                     | -423 Apr 05 j 03:40                        | 9° <b>Ƴ</b> 37'59                        | 0°58'50    |
| morning rise                        | -424 May 04 j 04:49                        | 24° <b>Y</b> ′58′10                                   |                       | minimum elong                     | -423 Apr 05 j 06:09                        | 9° <b>Y</b> 34'08                        | 0°57'58    |
| direct                              | -424 May 07 j 11:20                        | 24° <b>Ƴ</b> 35'02                                    |                       | min. Earth dist.                  | -423 Apr 07 j 10:28                        | 8°Υ13'14                                 | 0.55711 AU |
|                                     | -424 May 19 j 13:07                        | 0°8   | 22025112              | desc. node                        | -423 Apr 08 j 15:35                        | 7° <b>Υ</b> 30'06                        |            |
| morning max el                      | -424 May 20 j 09:51                        | 0° <b>8</b> 47'04                                     | 22~37'43              | morning rise                      | -423 Apr 13 j 23:38                        | 5° <b>Υ</b> 04'15                        |            |
| asc. node                           | -424 Jun 08 j 19:18                        | 0° <b>Ⅱ</b> 11'01                                     |                       | direct                            | -423 Apr 18 j 03:46                        | 4°Υ25'37                                 | 24010122   |
|                                     | -424 Jun 08 j 17:06                        | 0°П<br>5°П 50140                                      |                       | morning max el                    | -423 May 02 j 01:54                        | 11° <b>Y</b> 22'44                       | 24°18'32   |
| morning set                         | -424 Jun 11 j 13:30                        | 5° <b>Ⅱ</b> 50'49                                     |                       |                                   | -423 May 16 j 03:35                        | 0°8                                      |            |
| aumonia '                           | 424 Jun 10:17 44                           | 2101105140  | 192750                | asc. node                         | -423 May 26 j 16:21                        | 20° <b>8</b> 01'59                       |            |
| superior conj                       | -424 Jun 18 j 17:44                        | 21° <b>Ⅱ</b> 05'49                                    |                       | morning set                       | -423 May 27 j 01:26                        | 20° <b>႘</b> 49'37                       |            |
| minimum elong<br>max. Earth dist.   | -424 Jun 18 j 15:17                        | 20° <b>∏</b> 52'52                                    | 1°27'41<br>1.34163 AU |                                   | -423 May 31 j 08:09                        | $\Pi$ °0                                 |            |
| max. Eathi Aist.                    | -424 Jun 21 j 16:01<br>-424 Jun 23 j 00:03 | 2/°Щ14′52<br>0°©                                      | 1.34103 AU            | superior con:                     | 423 Jun 02:02:04                           | 5° <b>∏</b> 57'27                        | 1°11'03    |
| evening rise                        | -424 Jun 26 j 13:27                        | 0°ഇ<br>7°ഇ08′29                                       |                       | superior conj<br>minimum elong    | -423 Jun 03 j 02:04<br>-423 Jun 02 j 23:36 | 5° <b>П</b> 44'09                        |            |
| evening rise                        | - <del>1</del> 24 Juli 20 J 13.2/          | 1 = 300 29  |                       | mmmum eiong                       | - <del>1</del> 23 Juli 02 J 23.30          | J <b>Д</b> 44 09                         | 1 10 37    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 256 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom            | ical year style is used: Tl                | ne year -900 in                        | astronomical cour | nting style is the year   | 901 BCE in historical cou                  | nting style.                      | 9· ·       |
|--------------------------------|--|--|-------------------|---------------------------|--|-----------------------------------|------------|
| max. Earth dist.               | -423 Jun 04 j 19:48                        | 9° <b>∏</b> 42'26                      | 1.33186 AU        |                           | -422 May 22 j 17:15                        | $\Pi$ °0                          |            |
| evening rise                   | -423 Jun 10 j 10:12                        | 21° <b>Ⅱ</b> 25'14                     |                   | evening rise              | -422 May 25 j 14:09                        | 6° <b>Ⅲ</b> 03'07                 |            |
|                                | -423 Jun 14 j 18:59                        | $0$ $\circ$ $\infty$                   |                   |                           | -422 Jun 07 j 09:05                        | $0$ $\circ$ $\mathfrak{s}$        |            |
|                                | -423 Jul 03 j 05:34                        | $0 {\circ} \Omega$                     |                   | desc. node                | -422 Jun 22 j 11:55                        | 21° <b>©</b> 04'11                |            |
| desc. node                     | -423 Jul 05 j 14:54                        | 3° <b>Ω</b> 07′23                      |                   | evening max el            | -422 Jun 25 j 19:55                        | 24° <b>©</b> 30'04                | 27°06'41   |
| evening max el                 | -423 Jul 13 j 13:38                        | 12° <b>Ω</b> 00'42                     | 27°25'20          |                           | -422 Jul 03 j 04:07                        | $0$ $\circ$ $\Omega$              |            |
| retrograde                     | -423 Jul 27 j 06:25                        | 19° <b>Ω</b> 20'44                     |                   | retrograde                | -422 Jul 09 j 17:56                        | 1° <b>Ω</b> 47'41                 |            |
| evening set                    | -423 Aug 03 j 11:19                        | 16° <b>Ω</b> 43'12                     |                   |                           | -422 Jul 16 j 00:28                        | 30°ષ્                             |            |
| min. Earth dist.               | -423 Aug 07 j 01:37                        |  | 0.63316 AU        | evening set               | -422 Jul 16 j 18:43                        | 29° <b>©</b> 32'43                |            |
| inferior conj                  | -423 Aug 09 j 18:25                        | 10° <b>Ω</b> 55'12                     |                   | min. Earth dist.          | -422 Jul 20 j 10:02                        |                                   | 0.61428 AU |
| minimum elong                  | -423 Aug 09 j 23:05                        | 10° <b>Ω</b> 43'28                     | 3°43'09           | inferior conj             | -422 Jul 23 j 13:48                        | 24° <b>©</b> 01'05                |            |
| morning rise                   | -423 Aug 16 j 11:59                        | 5° <b>Ω</b> 40'58                      |                   | minimum elong             | -422 Jul 23 j 17:38                        | 23° <b>©</b> 52'34                | 4°21'36    |
| direct                         | -423 Aug 19 j 01:16                        | 5° <b>Ω</b> 09'47                      |                   | morning rise              | -422 Jul 30 j 18:10                        | 19° <b>©</b> 07'13                |            |
| asc. node                      | -423 Aug 22 j 15:32                        | 6° <b>Ω</b> 12'28                      |                   | direct                    | -422 Aug 02 j 05:44                        | 18°5541'40                        | . = . =    |
| morning max el                 | -423 Aug 25 j 15:43                        | 8° <b>Ω</b> 35'01                      | 17°53'52          | morning max el            | -422 Aug 09 j 05:44                        | 22°5510'58                        | 17°59'11   |
|                                | -423 Sep 08 j 19:30                        | 0° m)                                  |                   | asc. node                 | -422 Aug 09 j 12:35                        | 22° <b>©</b> 27'56                |            |
| morning set                    | -423 Sep 11 j 05:39                        | 4° Mp 14'33                            |                   |                           | -422 Aug 15 j 07:01                        | 0°N                               |            |
|                                | 422 G 22 : 05 20                           | 2.40 m. 47152                          | 0052122           | morning set               | -422 Aug 25 j 04:28                        | 17° <b>Ω</b> 17'52                |            |
| superior conj                  | -423 Sep 23 j 05:30                        | 24° m/47'52                            |                   |                           | -422 Sep 01 j 03:59                        | 0° <b>m</b> )                     |            |
| minimum elong                  | -423 Sep 23 j 10:20                        | 25° Mp 07'57                           | 0°52′56           |                           | 422 C 04 : 12.54                           | 50 m 50101                        | 1022142    |
|                                | -423 Sep 26 j 09:17                        | 0° <b>⊽</b>                            | 1 42707 ATT       | superior conj             | -422 Sep 04 j 12:54                        | 5° m 58'01                        |            |
| max. Earth dist.<br>desc. node | -423 Sep 29 j 13:40                        |  | 1.43787 AU        | minimum elong             | -422 Sep 04 j 17:29<br>-422 Sep 12 j 00:51 | 6° Mp 18'02                       |            |
|                                | -423 Oct 01 j 14:11                        | 8° <b>£</b> 23'17                      |                   | max. Earth dist.          | 1 3  | 18° Mp 43'26                      | 1.42260 AU |
| evening rise                   | -423 Oct 08 j 20:14                        | 19° <b>Ω</b> 45'18                     |                   | evening rise              | -422 Sep 18 j 09:13                        | 29° 100'09                        |            |
|                                | -423 Oct 15 j 13:10                        | 0° <b>M</b><br>0° <i>⊀</i> 7           |                   | desc. node                | -422 Sep 18 j 11:13                        | 29° <b>™</b> 08'07<br>0° <b>⊆</b> |            |
| avanina may al                 | -423 Nov 06 j 05:03                        |  | 20054127          |                           | -422 Sep 19 j 00:20                        | 0° <b>™</b>                       |            |
| evening max el                 | -423 Nov 07 j 00:51                        | 0° <b>₹</b> 52'12<br>5° <b>₹</b> 49'55 | 20°5437           | avanina may al            | -422 Oct 09 j 05:17                        | 14°M20'53                         | 2200011    |
| retrograde                     | -423 Nov 15 j 09:44                        | 4° <b>x</b> '49'33                     |                   | evening max el            | -422 Oct 20 j 19:55                        |                                   | 22-09-11   |
| asc. node                      | -423 Nov 18 j 14:47                        | 4°×'31'20'20                           |                   | retrograde<br>evening set | -422 Oct 30 j 05:42                        | 19°M56'31<br>18°M09'49            |            |
| evening set                    | -423 Nov 19 j 08:52                        |  |                   | asc. node                 | -422 Nov 03 j 16:34                        |                                   |            |
| inferior conj                  | -423 Nov 23 j 09:23<br>-423 Nov 24 j 18:09 | 30°RM<br>28°M09'17                     | 1050/51           | inferior conj             | -422 Nov 05 j 11:48<br>-422 Nov 09 j 00:49 | 16°M25'42<br>11°M51'49            | 1011152    |
| minimum elong                  | -423 Nov 24 j 15:44                        | 28°M17'31                              |                   | minimum elong             | -422 Nov 08 j 23:14                        | 11°M57'19                         |            |
| min. Earth dist.               | -423 Nov 25 j 05:33                        |  | 0.67287 AU        | min. Earth dist.          | -422 Nov 09 j 01:18                        | 11°M 50'11                        | 0.67609 AU |
| morning rise                   | -423 Nov 29 j 22:25                        | 21°M55'31                              | 0.07287 AU        | morning rise              | -422 Nov 14 j 05:44                        | 5°M39'18                          | 0.07009 AU |
| direct                         | -423 Dec 05 j 07:05                        | 19°M35'08                              |                   | direct                    | -422 Nov 18 j 23:19                        | 3°M40'57                          |            |
| morning max el                 | -423 Dec 16 j 04:28                        | 26°M05'03                              | 24°00'29          | morning max el            | -422 Nov 28 j 14:58                        | 9°M24'20                          | 22°32'50   |
| morning man vi                 | -423 Dec 19 j 18:49                        | 0° <b>⊼</b>                            | 2.002             | morning man er            | -422 Dec 14 j 17:07                        | 0° <b>₹</b>                       | 22 32 00   |
| desc. node                     | -423 Dec 28 j 13:25                        | 11° <b>√</b> 12'51                     |                   | desc. node                | -422 Dec 15 j 10:26                        | 1° <b>∡</b> ′02'31                |            |
|                                | -422 Jan 10 j 07:29                        | 0°る                                    |                   | morning set               | -421 Jan 01 j 09:46                        | 27° <b>×</b> 11'26                |            |
| morning set                    | -422 Jan 20 j 20:04                        | 17° <b>る</b> 15'48                     |                   | 3                         | -421 Jan 03 j 02:46                        | 0°ెవ                              |            |
| max. Earth dist.               | -422 Jan 24 j 15:53                        | 23° <b>る</b> 57'54                     | 1.38345 AU        | max. Earth dist.          | -421 Jan 06 j 11:49                        | 5° <b>ರ</b> 39'40                 | 1.40472 AU |
|                                | -422 Jan 27 j 23:52                        | 0° <b>≈</b>                            |                   |                           | ý  |                                   |            |
|                                | ,  |  |                   | superior conj             | -421 Jan 14 j 07:12                        | 19° <b>る</b> 20'03                | -2°00'01   |
| superior conj                  | -422 Jan 31 j 20:45                        | 7° <b>≈</b> 14'23                      | -1°48'54          | minimum elong             | -421 Jan 14 j 08:39                        | 19° <b>る</b> 26'40                | 1°59'58    |
| minimum elong                  | -422 Feb 01 j 00:12                        | 7° <b>≈</b> 30'47                      | 1°48'38           |                           | -421 Jan 20 j 02:16                        | 0° <b>≈</b>                       |            |
| evening rise                   | -422 Feb 09 j 18:35                        | 24° <b>≈</b> 35'34                     |                   | evening rise              | -421 Jan 24 j 06:36                        | 7° <b>≈</b> 52'29                 |            |
|                                | -422 Feb 12 j 13:16                        | 0° <b>)</b> €                          |                   | asc. node                 | -421 Feb 01 j 11:09                        | 22° <b>≈</b> 48'34                |            |
| asc. node                      | -422 Feb 14 j 14:08                        | 3° <b>¥</b> 51'32                      |                   |                           | -421 Feb 06 j 03:55                        | 0° <b>∀</b>                       |            |
| evening max el                 | -422 Feb 26 j 07:08                        | 21° <b>¥</b> 15'49                     | 18°54'56          | evening max el            | -421 Feb 09 j 12:31                        | 3° <b>¥</b> 54'17                 | 18°21'35   |
| retrograde                     | -422 Mar 06 j 15:48                        | 25° <b>ℋ</b> 18′00                     |                   | retrograde                | -421 Feb 16 j 19:08                        | 7° <b>¥</b> 30′15                 |            |
| evening set                    | -422 Mar 08 j 22:59                        | 25° <b>ℋ</b> 00'56                     |                   | evening set               | -421 Feb 19 j 07:29                        | 7° <b>∺</b> 05'37                 |            |
| inferior conj                  | -422 Mar 16 j 21:35                        | 20° <b>)</b> 43′58                     | 2°29'47           | inferior conj             | -421 Feb 26 j 12:23                        | 2° <b>∺</b> 28′10                 | 3°25'18    |
| minimum elong                  | -422 Mar 17 j 02:01                        | 20° <b>∺</b> 36′01                     | 2°28'37           | minimum elong             | -421 Feb 26 j 15:37                        | 2° <b>∺</b> 21′24                 | 3°24'47    |
| min. Earth dist.               | -422 Mar 20 j 02:47                        | 18° <b>)</b> €26'44                    | 0.57195 AU        |                           | -421 Mar 01 j 11:28                        | 30° <b>R</b> ≈                    |            |
| morning rise                   | -422 Mar 25 j 02:02                        | 15° <b>)</b> €37'30                    |                   | min. Earth dist.          | -421 Mar 01 j 22:40                        | 29° <b>≈</b> 37'36                | 0.59161 AU |
| desc. node                     | -422 Mar 26 j 12:36                        | 15° <b>)</b> €05'57                    |                   | morning rise              | -421 Mar 05 j 21:25                        | 26° <b>≈</b> 55'53                |            |
| direct                         | -422 Mar 30 j 09:46                        | 14° <b>)</b> €29'25                    |                   | direct                    | -421 Mar 12 j 04:50                        | 25° <b>≈</b> 10′07                |            |
| morning max el                 | -422 Apr 13 j 17:03                        | 21° <b>)</b> 55′50                     | 25°52'03          | desc. node                | -421 Mar 13 j 09:37                        | 25° <b>≈</b> 13'52                |            |
|                                | -422 Apr 20 j 19:02                        | 0° <b>Y</b>                            |                   |                           | -421 Mar 23 j 07:34                        | 0° <b>∀</b>                       |            |
|                                | -422 May 08 j 17:43                        | $9^{\circ}$ 8                          |                   | morning max el            | -421 Mar 26 j 12:17                        | 2° <b>)</b> 51'43                 | 27°03'28   |
| morning set                    | -422 May 11 j 13:03                        | 5° <b>8</b> 47'21                      |                   |                           | -421 Apr 15 j 04:32                        | 0° <b>Ƴ</b>                       |            |
| asc. node                      | -422 May 13 j 13:25                        | 10° <b>8</b> 04'34                     |                   | morning set               | -421 Apr 25 j 22:43                        | 20° <b>Ƴ</b> 37'52                |            |
|                                |  |  |                   | asc. node                 | -421 Apr 30 j 10:28                        | 0° <b>8</b> 13'42                 |            |
| superior conj                  | -422 May 18 j 13:00                        | 20° <b>8</b> 55'55                     | 0°50'30           |                           | -421 Apr 30 j 07:57                        | $0^{\circ}$ 8                     |            |
| minimum elong                  | -422 May 18 j 10:59                        | 20° <b>8</b> 44'56                     | 0°50'07           |                           |  |                                   |            |
| max. Earth dist.               | -422 May 19 j 05:48                        | 22° <b>8</b> 27'50                     | 1.32592 AU        | superior conj             | -421 May 03 j 00:44                        | 5° <b>8</b> 54'37                 | 0°27'10    |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 257 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | ical year style is used: Th                | ne year -900 in                        | astronomical coun | ting style is the year 9 | 01 BCE in historical cou                   | nting style.                             | g /         |
|----------------------|--|--|-------------------|--------------------------|--|--|-------------|
| minimum elong        | -421 May 02 j 23:33                        | 5° <b>8</b> 48'07                      | 0°26'56           | behind sun begin         | -420 Apr 16 j 06:31                        | 20° <b>Ƴ</b> 19′27                       |             |
| max. Earth dist.     | -421 May 02 j 18:35                        | 5° <b>8</b> 20'47                      | 1.32358 AU        | behind sun end           | -420 Apr 16 j 16:36                        | 21° <b>Y</b> 14'35                       |             |
| evening rise         | -421 May 09 j 22:44                        | 20° <b>8</b> 53'20                     |                   | asc. node                | -420 Apr 16 j 07:29                        | 20° <b>Y</b> 24'46                       |             |
|                      | -421 May 14 j 10:09                        | $\Pi$ °0                               |                   |                          | -420 Apr 20 j 16:54                        | $0$ $\circ$ 8                            |             |
|                      | -421 Jun 02 j 02:34                        | $0$ $\circ$ $\odot$                    |                   | evening rise             | -420 Apr 23 j 09:51                        | 5° <b>8</b> 48'06                        |             |
| evening max el       | -421 Jun 07 j 20:07                        | 6° <b>©</b> 16'20                      | 26°15'26          |                          | -420 May 06 j 05:48                        | $\Pi$ °0                                 |             |
| desc. node           | -421 Jun 09 j 08:54                        | 7° <b>5</b> 640'17                     |                   | evening max el           | -420 May 19 j 13:37                        | 17° <b>Ⅱ</b> 18'56                       | 24°57'01    |
| retrograde           | -421 Jun 21 j 20:57                        | 13° <b>©</b> 30'01                     |                   | desc. node               | -420 May 26 j 05:55                        | 22° <b>II</b> 23'08                      |             |
| evening set          | -421 Jun 28 j 05:47                        | 11° <b>5</b> 49'48                     |                   | retrograde               | -420 Jun 02 j 13:25                        | 24° <b>Ⅱ</b> 25'18                       |             |
| min. Earth dist.     | -421 Jul 02 j 09:05                        |  | 0.59378 AU        | evening set              | -420 Jun 07 j 17:50                        | 23° <b>I</b> I23'52                      |             |
| inferior conj        | -421 Jul 05 j 17:15                        | 6°537'28                               |                   | min. Earth dist.         | -420 Jun 13 j 01:12                        |  | 0.57411 AU  |
| minimum elong        | -421 Jul 05 j 18:17                        | 6°535'27                               | 4°41'4'/          | inferior conj            | -420 Jun 16 j 01:24                        | 18° <b>Ⅱ</b> 34'00                       |             |
| morning rise         | -421 Jul 13 j 08:57                        | 2°905'50                               |                   | minimum elong            | -420 Jun 15 j 21:58                        | 18° <b>Ⅱ</b> 39'46                       | 4°31'31     |
| direct               | -421 Jul 15 j 20:57                        | 1°544'01                               | 10024112          | morning rise             | -420 Jun 24 j 04:52                        | 14° <b>Ⅱ</b> 23'52                       |             |
| morning max el       | -421 Jul 23 j 15:02                        | 5° <b>©</b> 27'18<br>9° <b>©</b> 49'17 | 18°24'12          | direct                   | -420 Jun 26 j 18:36                        | 14° <b>Ⅱ</b> 04'43<br>18° <b>Ⅱ</b> 14'28 | 19°10'00    |
| asc. node            | -421 Jul 27 j 09:39<br>-421 Aug 08 j 04:02 | 9° <b>Ω</b> 49'17                      |                   | morning max el asc. node | -420 Jul 05 j 16:40                        | 18°Щ14'28<br>28°Щ01'37                   | 19-10-00    |
| marning sat          | -421 Aug 08 j 04.02                        | 1° <b>Ω</b> 01'29                      |                   | asc. node                | -420 Jul 13 j 06:43<br>-420 Jul 14 j 11:27 | 28 <b>п</b> ог 37                        |             |
| morning set          | -421 Aug 06 J 10.34                        | 1 8601 29                              |                   | morning set              | -420 Jul 14 j 11.27<br>-420 Jul 22 j 14:54 | ୦ ୬<br>15°9514'06                        |             |
| superior conj        | -421 Aug 17 j 20:15                        | 18° <b>Ω</b> 19'40                     | 1°40'57           | morning set              | -420 Jul 30 j 01:56                        | 13 <b>3</b> 1400                         |             |
| minimum elong        | -421 Aug 17 j 20:13                        | 18° <b>Ω</b> 31'32                     |                   |                          | -420 Jul 30 J 01.30                        | 0 06                                     |             |
| minimum ciong        | -421 Aug 17 j 22:30                        | 0°m)                                   | 1 40 40           | superior conj            | -420 Jul 30 j 21:48                        | 1° <b>Ω</b> 36'25                        | 1°47'15     |
| max. Earth dist.     | -421 Aug 25 j 07:01                        |  | 1.40367 AU        | minimum elong            | -420 Jul 30 j 22:13                        | 1° <b>Ω</b> 38'26                        |             |
| evening rise         | -421 Aug 29 j 18:57                        | 9° m <sub>2</sub> 13'51                | 1.40307 AC        | max. Earth dist.         | -420 Aug 06 j 10:10                        | 13° <b>Ω</b> 50'42                       | 1.38356 AU  |
| desc. node           | -421 Sep 05 j 08:15                        | 19° <b>m</b> ) 47'34                   |                   | evening rise             | -420 Aug 10 j 05:39                        | 20° <b>Ω</b> 38'08                       | 1.50550 710 |
| desc. node           | -421 Sep 12 j 00:53                        | 0∘ <b>⊽</b>                            |                   | evening rise             | -420 Aug 15 j 18:14                        | 0° <b>m</b> )                            |             |
| evening max el       | -421 Oct 03 j 10:25                        | 27° <b>♀</b> 52'13                     | 23°28'59          | desc. node               | -420 Aug 22 j 05:16                        | 10° <b>m</b> ) 16'53                     |             |
| evening max er       | -421 Oct 05 j 16:56                        | 0°M                                    | 23 2037           | dese. Hode               | -420 Sep 05 j 01:51                        | 0ಂ <del>ರ</del>                          |             |
| retrograde           | -421 Oct 13 j 22:45                        | 4° <b>™</b> 04'49                      |                   | evening max el           | -420 Sep 14 j 22:17                        | 11° <b>≏</b> 26'14                       | 24°47'40    |
| evening set          | -421 Oct 18 j 23:10                        | 1°M59'53                               |                   | retrograde               | -420 Sep 26 j 11:53                        | 18° <b>♀</b> 10'22                       |             |
| 8                    | -421 Oct 20 j 23:03                        | 30° <b>₽</b> Ω                         |                   | evening set              | -420 Oct 02 j 02:55                        | 15° <b>≏</b> 47'45                       |             |
| asc. node            | -421 Oct 23 j 08:49                        | 26° <b>♀</b> 57'02                     |                   | min. Earth dist.         | -420 Oct 06 j 16:53                        |  | 0.67287 AU  |
| inferior conj        | -421 Oct 24 j 07:49                        | 25° <b>≏</b> 38'34                     | 0°19'50           | inferior conj            | -420 Oct 07 j 13:22                        | 9° <b>≙</b> 26'53                        | -0°34'55    |
| minimum elong        | -421 Oct 24 j 07:21                        | 25° <b>≏</b> 40'11                     | 0°19'36           | minimum elong            | -420 Oct 07 j 14:14                        | 9° <b>≙</b> 24'01                        | 0°34'34     |
| min. Earth dist.     | -421 Oct 23 j 21:53                        | 26° <b>₽</b> 12'35                     | 0.67610 AU        | asc. node                | -420 Oct 09 j 05:52                        | 7° <b>≙</b> 15'31                        |             |
| morning rise         | -421 Oct 29 j 15:27                        | 19° <b>≏</b> 29'53                     |                   | morning rise             | -420 Oct 13 j 01:38                        | 3° <b>£</b> 24'39                        |             |
| direct               | -421 Nov 02 j 18:55                        | 17° <b>≏</b> 53'51                     |                   | direct                   | -420 Oct 16 j 16:37                        | 2° <b>≙</b> 08'58                        |             |
| morning max el       | -421 Nov 11 j 07:10                        | 22° <b>≏</b> 52'24                     | 21°10'49          | morning max el           | -420 Oct 24 j 06:59                        | 6° <b>≏</b> 30'42                        | 19°59'54    |
|                      | -421 Nov 17 j 09:16                        | 0° <b>M</b>                            |                   |                          | -420 Nov 10 j 13:07                        | $0^{\circ}$ M                            |             |
| desc. node           | -421 Dec 02 j 07:29                        | 21°M13'51                              |                   | desc. node               | -420 Nov 18 j 04:32                        | 11°ML40'08                               |             |
|                      | -421 Dec 08 j 01:45                        | 0° <b>∡</b> ¹                          |                   | morning set              | -420 Nov 19 j 16:18                        | 13°ML58'07                               |             |
| morning set          | -421 Dec 11 j 19:40                        | 5° <b>∡¹</b> 49'47                     |                   |                          | -420 Nov 29 j 21:58                        | 0° <b>∡</b> ¹                            |             |
| max. Earth dist.     | -421 Dec 19 j 14:40                        | 18° <b>≯</b> 18'42                     | 1.42431 AU        | max. Earth dist.         | -420 Dec 01 j 01:12                        | 1° <b>∡</b> 748′28                       | 1.43939 AU  |
| superior conj        | -421 Dec 26 j 19:23                        | 0° <b>る</b> 20'46                      | -1°58'53          | superior conj            | -420 Dec 06 j 04:56                        | 10° <b>∡</b> °07'07                      | -1°41'09    |
| minimum elong        | -421 Dec 26 j 16:48                        | 0° <b>る</b> 09'47                      |                   | minimum elong            | -420 Dec 05 j 21:49                        | 9° <b>∡</b> ³38'10                       |             |
|                      | -421 Dec 26 j 14:31                        | 0°ਰ                                    |                   |                          | -420 Dec 18 j 02:24                        | 0°ප                                      | - 1000      |
| evening rise         | -420 Jan 07 j 05:06                        | 20° <b>පි</b> 28'16                    |                   | evening rise             | -420 Dec 19 j 09:49                        | 2° <b>ට</b> 14'32                        |             |
| C                    | -420 Jan 12 j 12:44                        | 0° <b>≈</b>                            |                   | asc. node                | -419 Jan 05 j 05:10                        | 28° <b>පි</b> 48'17                      |             |
| asc. node            | -420 Jan 19 j 08:09                        | 11° <b>≈</b> 10'54                     |                   |                          | -419 Jan 06 j 07:27                        | 0° <b>≈</b>                              |             |
| evening max el       | -420 Jan 23 j 22:53                        | 16° <b>≈</b> 54'49                     | 18°08'01          | evening max el           | -419 Jan 06 j 11:20                        | 0° <b>≈</b> 09'52                        | 18°13'48    |
| retrograde           | -420 Jan 30 j 15:07                        | 20° <b>≈</b> 20'26                     |                   | retrograde               | -419 Jan 12 j 23:10                        | 3° <b>≈</b> 38'32                        |             |
| evening set          | -420 Feb 02 j 07:52                        | 19° <b>≈</b> 47′00                     |                   | evening set              | -419 Jan 15 j 20:13                        | 2° <b>≈</b> 55'28                        |             |
| inferior conj        | -420 Feb 08 j 22:25                        | 14° <b>≈</b> 48′01                     | 3°49'13           |                          | -419 Jan 19 j 16:51                        | 30°₽₹                                    |             |
| minimum elong        | -420 Feb 08 j 23:20                        | 14° <b>≈</b> 45'46                     | 3°49'10           | inferior conj            | -419 Jan 21 j 23:52                        | 27° <b>පි</b> 36'21                      | 3°49'19     |
| min. Earth dist.     | -420 Feb 12 j 01:12                        | 11° <b>≈</b> 48'47                     | 0.61257 AU        | minimum elong            | -419 Jan 21 j 22:48                        | 27° <b>る</b> 39'16                       | 3°49'14     |
| morning rise         | -420 Feb 15 j 13:22                        | 8° <b>≈</b> 58'30                      |                   | min. Earth dist.         | -419 Jan 24 j 13:03                        | 24° <b>る</b> 50'29                       | 0.63198 AU  |
| direct               | -420 Feb 22 j 10:21                        | 6° <b>≈</b> 37'55                      |                   | morning rise             | -419 Jan 28 j 00:35                        | 21° <b>る</b> 35'57                       |             |
| desc. node           | -420 Feb 28 j 06:39                        | 8° <b>≈</b> 08'52                      |                   | direct                   | -419 Feb 04 j 00:32                        | 18° <b>පි</b> 52'04                      |             |
| morning max el       | -420 Mar 07 j 13:52                        | 14° <b>≈</b> 27′01                     | 27°41'47          | desc. node               | -419 Feb 14 j 03:43                        | 23° <b>る</b> 22'11                       |             |
|                      | -420 Mar 20 j 03:29                        | 0° <b>∀</b>                            |                   | morning max el           | -419 Feb 17 j 20:52                        | 26°₹43′26                                | 27°43'04    |
|                      | -420 Apr 06 j 14:13                        | 0° <b>Ƴ</b>                            |                   |                          | -419 Feb 20 j 23:03                        | 0° <b>≈</b>                              |             |
| morning set          | -420 Apr 09 j 04:33                        | 5° <b>Ƴ</b> 14'30                      |                   |                          | -419 Mar 13 j 17:31                        | 0° <b>)</b> €                            |             |
| max. Earth dist.     | -420 Apr 15 j 06:17                        | 18° <b>Ƴ</b> 07'31                     | 1.32489 AU        | morning set              | -419 Mar 24 j 04:19                        | 19° <b>¥</b> 30′00                       |             |
|                      |  |  |                   |                          | -419 Mar 29 j 06:25                        | 0° <b>Υ</b>                              |             |
| superior conj        | -420 Apr 16 j 11:39                        | 20° <b>℃</b> 47'27                     | 0°01'50           | max. Earth dist.         | -419 Mar 29 j 12:57                        | 0° <b>Ƴ</b> 34'39                        | 1.33006 AU  |
| minimum elong        | -420 Apr 16 j 11:34                        | 20° <b>Ƴ</b> 47'00                     | 0°01'50           |                          |  |  |             |

| •                | omena of Mercury<br>nical year style is used: Tl |  | •              | * *  |                     |  | ge 238      |
|------------------|--|--|----------------|--|---------------------|--|-------------|
| superior conj    | -419 Mar 31 j 20:01                              | iie yeai -900 iii<br>5° <b>Υ</b> 29'02 |                | superior conj  | -418 Mar 15 j 23:51 | 19° <b>H</b> 52'00                       | 0°51'15     |
|                  | -419 Mar 31 j 20:01                              | 5° <b>Υ</b> 35'20                      |                |  | -418 Mar 16 j 02:16 | 20° <b>)</b> (04'47                      |             |
| minimum elong    | ,  | 10° <b>Υ</b> 34'12                     | 0°24°24        | minimum elong  | •                   | 20° <b>π</b> 044/<br>0° <b>Υ</b>         | 0-3048      |
| asc. node        | -419 Apr 03 j 04:33                              |  |                | 1  | -418 Mar 20 j 18:37 |  |             |
| evening rise     | -419 Apr 07 j 21:40                              | 20° <b>Y</b> 41′06                     |                | asc. node  | -418 Mar 21 j 01:34 | 0°Υ36'53                                 |             |
|                  | -419 Apr 12 j 11:02                              | 0° <b>8</b>                            |                | evening rise   | -418 Mar 23 j 08:17 | 5° <b>Y</b> 24'58                        |             |
| evening max el   | -419 May 01 j 04:10                              | 27° <b>8</b> 55'48                     | 23°23'37       |  | -418 Apr 05 j 20:17 | 0°8                                      |             |
|                  | -419 May 03 j 11:59                              | $\Pi^{\circ}0$                         |                | evening max el   | -418 Apr 12 j 22:47 | 8° <b>8</b> 36'22                        | 21°50'02    |
| desc. node       | -419 May 13 j 02:56                              | 4° <b>Ⅱ</b> 36′22                      |                | retrograde   | -418 Apr 25 j 10:56 | 14° <b>8</b> 42'42                       |             |
| retrograde       | -419 May 14 j 17:53                              | 4° <b>Ⅱ</b> 42'21                      |                | evening set  | -418 Apr 28 j 01:09 | 14° <b>8</b> 27'40                       |             |
| evening set      | -419 May 18 j 11:29                              | 4° <b>Ⅱ</b> 11'42                      |                | desc. node   | -418 Apr 29 j 23:59 | 13° <b>8</b> 57'46                       |             |
| min. Earth dist. | -419 May 25 j 14:20                              | 0° <b>Ⅱ</b> 56'37                      | 0.55861 AU     | inferior conj  | -418 May 07 j 11:04 | 10° <b>8</b> 23'43                       | -2°05'06    |
|                  | -419 May 27 j 04:37                              | 30°₽ <b>႘</b>                          |                | minimum elong  | -418 May 07 j 05:27 | 10° <b>8</b> 31'36                       | 2°03'15     |
| inferior conj    | -419 May 27 j 13:36                              | 29° <b>8</b> 46'39                     | -3°40'19       | min. Earth dist.   | -418 May 07 j 03:22 | 10° <b>8</b> 34'31                       | 0.55062 AU  |
| minimum elong    | -419 May 27 j 06:40                              | 29° <b>8</b> 56'57                     | 3°38'42        | morning rise   | -418 May 16 j 10:51 | 6° <b>8</b> 26'59                        |             |
| morning rise     | -419 Jun 05 j 04:40                              | 25° <b>8</b> 50'55                     |                | direct   | -418 May 19 j 09:30 | 6° <b>8</b> 07'47                        |             |
| direct           | -419 Jun 07 j 20:51                              | 25° <b>8</b> 33'23                     |                | morning max el   | -418 May 31 j 12:44 | 11° <b>8</b> 50'31                       | 21°42'11    |
|                  | -419 Jun 17 j 21:39                              | 0° <b>I</b> I                          |                | Č  | -418 Jun 13 j 17:03 | 0°II                                     |             |
| morning max el   | -419 Jun 18 j 08:16                              | 0° <b>Ⅱ</b> 24'07                      | 20°16'39       | asc. node  | -418 Jun 17 j 00:53 | 6° <b>Ⅱ</b> 13'19                        |             |
| asc. node        | -419 Jun 30 j 03:48                              | 16° <b>Ⅲ</b> 53'04                     |                | morning set  | -418 Jun 21 j 04:29 | 14° <b>∏</b> 35'44                       |             |
| morning set      | -419 Jul 06 j 19:33                              | 29° <b>II</b> 47'53                    |                | morning sec  | 110 Jun 21 j 0 1.29 | 11 233 11                                |             |
| morning set      | -419 Jul 06 j 21:56                              | 0°9                                    |                | superior conj  | -418 Jun 28 j 12:15 | 29° <b>∏</b> 59'10                       | 1°35'43     |
|                  | -419 Jul 00 j 21.30                              | 0 3                                    |                |  | -                   | 29° <b>∏</b> 47'48                       | 1°35'31     |
|                  | 410 1 1 14:12 20                                 | 150622146                              | 1044152        | minimum elong  | -418 Jun 28 j 10:04 |  | 1-35/31     |
| superior conj    | -419 Jul 14 j 12:29                              | 15°933'46                              | 1°44'52        | E d E d  | -418 Jun 28 j 12:25 | 0°95                                     | 1 24005 411 |
| minimum elong    | -419 Jul 14 j 11:16                              | 15°527'38                              | 1°44'50        | max. Earth dist.   | -418 Jul 02 j 04:35 |  | 1.34895 AU  |
| max. Earth dist. | -419 Jul 19 j 15:30                              | 25°540'34                              | 1.36473 AU     | evening rise   | -418 Jul 06 j 17:07 | 16° <b>©</b> 29'11                       |             |
|                  | -419 Jul 21 j 22:12                              | $0^{\circ}\Omega$                      |                |  | -418 Jul 14 j 02:34 | $0$ $^{\circ}\Omega$                     |             |
| evening rise     | -419 Jul 23 j 14:41                              | 3° <b>Ω</b> 07'42                      |                | desc. node   | -418 Jul 26 j 23:19 | 20° <b>Ω</b> 22'00                       |             |
|                  | -419 Aug 08 j 18:05                              | 0° <b>m</b>                            |                |  | -418 Aug 03 j 04:03 | O° My                                    |             |
| desc. node       | -419 Aug 09 j 02:17                              | 0° m 30'43                             |                | evening max el   | -418 Aug 10 j 21:28 | 8° Mp 34'57                              | 26°51'36    |
| evening max el   | -419 Aug 28 j 09:37                              | 25°Mp02'12                             | 25°57'47       | retrograde   | -418 Aug 24 j 00:03 | 15° Mp 52'16                             |             |
|                  | -419 Sep 03 j 12:11                              | 0∘ <b>ত</b>                            |                | evening set  | -418 Aug 30 j 18:10 | 13° <b>m</b> 07'05                       |             |
| retrograde       | -419 Sep 09 j 20:32                              | 2° <b>ഫ</b> 08'22                      |                | min. Earth dist.   | -418 Sep 03 j 16:52 | 9° <b>№</b> 07'36                        | 0.65626 AU  |
|                  | -419 Sep 15 j 11:53                              | 30°₽, <b>™</b> )                       |                | inferior conj  | -418 Sep 05 j 12:51 | 6° № 58'52                               | -2°25'50    |
| evening set      | -419 Sep 16 j 02:00                              | 29° m 31'14                            |                | minimum elong  | -418 Sep 05 j 16:28 | 6° Mp 48′16                              | 2°24'30     |
| min. Earth dist. | -419 Sep 20 j 07:59                              | 24° m 54'33                            | 0.66633 AU     | morning rise   | -418 Sep 11 j 15:19 | 1° Mp 18'07                              |             |
| inferior conj    | -419 Sep 21 j 15:43                              | 23° m 14'42                            |                | asc. node  | -418 Sep 13 j 00:03 | 0° mp 45'15                              |             |
| minimum elong    | -419 Sep 21 j 18:00                              | 23° m 07'30                            | 1°29'50        | direct   | -418 Sep 14 j 12:04 | 0° m 32'44                               |             |
| asc. node        | -419 Sep 26 j 02:58                              | 18° <b>m</b> ) 18'34                   |                | morning max el   | -418 Sep 21 j 02:31 | 4° m 09'32                               | 18°22'42    |
| morning rise     | -419 Sep 27 j 10:18                              | 17° mp 21'42                           |                | morning max cr   | -418 Oct 08 j 15:32 | 0° <b>ي</b>                              | 10 22 42    |
| direct           | -419 Sep 30 j 14:58                              | 16° Mp 23'02                           |                | morning set  | -418 Oct 10 j 11:03 | o <b>—</b><br>2° <b>⊆</b> 57'00          |             |
|                  |  | 20° Mp 17'46                           | 19°03'15       | desc. node   | -                   | 22° <b>⊆</b> 59'55                       |             |
| morning max el   | -419 Oct 07 j 14:04                              |  | 19 03 13       | desc. node   | -418 Oct 22 j 22:37 | 22 = 39 33                               |             |
|                  | -419 Oct 15 j 05:00                              | 0° <b>ʊ</b>                            |                |  | 410.0 + 25 : 14.47  | 270 6 12122                              | 0017100     |
| morning set      | -419 Oct 30 j 00:12                              | 22° <b>£</b> 46'36                     |                | superior conj  | -418 Oct 25 j 14:47 | 27° <b>£</b> 13'32                       |             |
|                  | -419 Nov 03 j 14:43                              | 0°M                                    |                | minimum elong  | -418 Oct 25 j 12:29 | 27° <b>△</b> 04'29                       | 0°17'09     |
| desc. node       | -419 Nov 05 j 01:34                              | 2°M16'37                               |                |  | -418 Oct 27 j 09:02 | 0°M₊                                     |             |
| max. Earth dist. | -419 Nov 13 j 17:02                              | 15°M51'03                              | 1.44821 AU     | max. Earth dist.   | -418 Oct 27 j 11:25 | 0° <b>™</b> 09'20                        | 1.44986 AU  |
|                  |  |  |                | evening rise   | -418 Nov 10 j 23:16 | 22°M53'21                                |             |
| superior conj    | -419 Nov 15 j 14:15                              | 18°M49'24                              |                |  | -418 Nov 15 j 12:00 | 0°⊀                                      |             |
| minimum elong    | -419 Nov 15 j 06:38                              | 18° <b>M</b> ₊19'20                    | 1°04'28        | greatest brilliancy  | -418 Nov 21 j 14:41 | 9° <b>∡</b> 31'28                        | -0.8m       |
|                  | -419 Nov 22 j 14:54                              | 0° <b>∡</b> ¹                          |                | evening max el   | -418 Dec 04 j 08:07 | 27° <b>₮</b> 00'06                       | 19°19'30    |
| evening rise     | -419 Nov 30 j 16:28                              | 13° <b>₹</b> 03'12                     |                |  | -418 Dec 07 j 22:42 | 8°0                                      |             |
|                  | -419 Dec 11 j 02:53                              | <sub>0°</sub> ප                        |                | asc. node  | -418 Dec 09 j 23:17 | 0° <b>る</b> 53'28                        |             |
| evening max el   | -419 Dec 20 j 23:10                              | 13° <b>る</b> 32'52                     | 18°38'05       | retrograde   | -418 Dec 11 j 10:53 | 1° <b>る</b> 05'44                        |             |
| asc. node        | -419 Dec 23 j 02:13                              | 15° <b>る</b> 27'21                     |                | evening set  | -418 Dec 14 j 19:44 | 29° <b>₹</b> 59'31                       |             |
| retrograde       | -419 Dec 27 j 14:55                              | 17° <b>る</b> 15'26                     |                | , and the second | -418 Dec 14 j 19:26 | 30°₽ <b>✓</b>                            |             |
| evening set      | -419 Dec 30 j 17:06                              | 16° <b>る</b> 21'38                     |                | inferior conj  | -418 Dec 20 j 09:55 | 24° <b>∡</b> ¹06'57                      | 3°03'09     |
| inferior conj    | -418 Jan 05 j 12:49                              | 10° <b>る</b> 44'31                     | 3°32'21        | minimum elong  | -418 Dec 20 j 07:06 | 24° <b>₹</b> 15'59                       | 3°02'27     |
| minimum elong    | -418 Jan 05 j 10:30                              | 10° <b>ට</b> 51'28                     | 3°31'58        | min. Earth dist.   | -418 Dec 21 j 17:13 | 22° <b>×</b> <sup>7</sup> 26'26          | 0.66089 AU  |
| min. Earth dist. | -418 Jan 07 j 10:44                              | 8° <b>る</b> 27'18                      | 0.64831 AU     | morning rise   | -418 Dec 25 j 18:12 | 22 <b>x</b> ·26 26<br>17° <b>x</b> 55'47 | 0.00009 AU  |
|                  | •  |  | 0.07031 AU     | -  | -                   |  |             |
| morning rise     | -418 Jan 11 j 03:28                              | 4°る37'24                               |                | direct   | -417 Jan 01 j 01:52 | 15° × 08'39                              | 2600005     |
| direct           | -418 Jan 17 j 22:07                              | 1°る45'01                               | <b>2</b> 7000: | morning max el   | -417 Jan 13 j 15:46 | 22° <b>x</b> 34'28                       | 26°09'05    |
| morning max el   | -418 Jan 31 j 06:22                              | 9° <b>る</b> 30'03                      | 27°09'51       | desc. node   | -417 Jan 18 j 21:49 | 28° <b>₹</b> 23'43                       |             |
| desc. node       | -418 Feb 01 j 00:46                              | 10° <b>る</b> 16'50                     |                |  | -417 Jan 20 j 05:24 | 0°る                                      |             |
|                  | -418 Feb 16 j 09:12                              | 0° <b>≈</b>                            |                |  | -417 Feb 09 j 15:52 | 0° <b>≈</b>                              |             |
|                  | -418 Mar 06 j 02:34                              | 0° <b>∀</b>                            |                | morning set  | -417 Feb 18 j 20:26 | 16° <b>≈</b> 13'36                       |             |
| morning set      | -418 Mar 07 j 18:56                              | 3° <b>)</b> 13′42                      |                | max. Earth dist.   | -417 Feb 22 j 20:06 | 23° <b>≈</b> 48'44                       | 1.35356 AU  |
| max. Earth dist. | -418 Mar 12 j 10:24                              | 12° <b>∺</b> 28'55                     | 1.33952 AU     |  | -417 Feb 25 j 23:18 | 0° <b>∀</b>                              |             |
|                  |  |  |                |  |                     |  |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 259 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomi | ical year style is used: The               | ne year -900 in                          | astronomical coun | nting style is the year | 901 BCE in historical cou | nting style.                            |             |
|----------------------|--|--|-------------------|-------------------------|---------------------------|---|-------------|
| superior conj        | -417 Feb 27 j 20:45                        | 3° <b>)</b> 49′30                        | -1°16'34          | max. Earth dist.        | -416 Feb 04 j 19:28       | 4° <b>≈</b> 51'22                       | 1.37176 AU  |
| minimum elong        | -417 Feb 28 j 00:11                        | 4° <b>₩</b> 07'00                        | 1°16'03           |                         |                           |   |             |
| evening rise         | -417 Mar 07 j 15:48                        | 19° <b>∺</b> 53'50                       |                   | superior conj           | -416 Feb 11 j 07:37       | 17° <b>≈</b> 12'27                      | -1°38'41    |
| asc. node            | -417 Mar 07 j 22:37                        | 20° <b>)</b> €28'43                      |                   | minimum elong           | -416 Feb 11 j 11:23       | 17° <b>≈</b> 30'56                      | 1°38'16     |
|                      | -417 Mar 12 j 17:44                        | $0$ ° $\Upsilon$                         |                   |                         | -416 Feb 17 j 17:55       | 0° <b>∀</b>                             |             |
| evening max el       | -417 Mar 26 j 03:07                        | 19° <b>Ƴ</b> 45'43                       | 20°27'46          | evening rise            | -416 Feb 19 j 17:59       | 4° <b>₩</b> 00'55                       |             |
| retrograde           | -417 Apr 06 j 00:04                        | 24° <b>Y</b> ′59'05                      |                   | asc. node               | -416 Feb 22 j 19:39       | 10° <b>)</b> €04'34                     |             |
| evening set          | -417 Apr 08 j 03:39                        | 24° <b>Y</b> ′47'42                      |                   |                         | -416 Mar 06 j 06:43       | $0^{\circ}$ Y                           |             |
| desc. node           | -417 Apr 16 j 21:01                        | 21° <b>Y</b> ′03'31                      |                   | evening max el          | -416 Mar 07 j 18:35       | 1° <b>Y</b> 32'49                       | 19°23'06    |
| inferior conj        | -417 Apr 17 j 06:13                        | 20° <b>Y</b> ′50′08                      | -0°06'35          | retrograde              | -416 Mar 16 j 22:57       | 5° <b>Ƴ</b> 57'17                       |             |
| minimum elong        | -417 Apr 17 j 05:55                        | 20° <b>Ƴ</b> 50′35                       | 0°06'28           | evening set             | -416 Mar 19 j 03:38       | 5° <b>Ƴ</b> 43'17                       |             |
| transit middle       | -417 Apr 17 j 05:55                        | 20° <b>Ƴ</b> 50′35                       | 0°06'28           | inferior conj           | -416 Mar 27 j 13:08       | 1° <b>Y</b> 35'49                       | 1°41'37     |
| transit begin        | -417 Apr 17 j 02:13                        | 20° <b>Ƴ</b> 55'58                       |                   | minimum elong           | -416 Mar 27 j 16:55       | 1° <b>Y</b> 29'35                       | 1°40'26     |
| transit end          | -417 Apr 17 j 09:37                        | 20° <b>Ƴ</b> 45'11                       |                   |                         | -416 Mar 29 j 23:40       | 30° <b>Ŗ</b> ₩                          |             |
| min. Earth dist.     | -417 Apr 18 j 17:00                        | 19° <b>Ƴ</b> 59'32                       | 0.55212 AU        | min. Earth dist.        | -416 Mar 30 j 07:37       | 29° <b>)</b> 47′19                      | 0.56266 AU  |
| morning rise         | -417 Apr 26 j 06:49                        | 16° <b>Ƴ</b> 34'02                       |                   | desc. node              | -416 Apr 02 j 18:01       | 27° <b>)</b> 49'11                      |             |
| direct               | -417 Apr 29 j 21:34                        | 16° <b>Ƴ</b> 05'40                       |                   | morning rise            | -416 Apr 05 j 03:28       | 26° <b>)</b> 48′18                      |             |
| morning max el       | -417 May 13 j 07:47                        | 22° <b>Y</b> ′38'52                      | 23°20'28          | direct                  | -416 Apr 09 j 19:24       | 25° <b>)</b> 58'45                      |             |
| Ü                    | -417 May 19 j 19:08                        | 0° <b>႘</b>                              |                   |                         | -416 Apr 20 j 05:34       | $0^{\circ}\Upsilon$                     |             |
| asc. node            | -417 Jun 03 j 21:55                        | 25° <b>8</b> 54'50                       |                   | morning max el          | -416 Apr 23 j 22:32       | 3° <b>Y</b> 09'30                       | 25°00'12    |
| morning set          | -417 Jun 05 j 15:46                        | 29° <b>8</b> 31'59                       |                   |                         | -416 May 12 j 20:15       | 0°8                                     |             |
| . 8                  | -417 Jun 05 j 21:06                        | 0°II                                     |                   | morning set             | -416 May 20 j 03:46       | 14° <b>8</b> 31'29                      |             |
|                      | 117 buil 00 j 21.00                        | ~ <b>~</b>                               |                   | asc. node               | -416 May 20 j 18:57       | 15° <b>8</b> 51'41                      |             |
| superior conj        | -417 Jun 12 j 18:07                        | 14° <b>∏</b> 43'14                       | 1°21'17           | use. noue               | 110 11149 20 5 10.07      | 10 001 11                               |             |
| minimum elong        | -417 Jun 12 j 15:36                        | 14° <b>∏</b> 29'47                       |                   | superior conj           | -416 May 27 j 03:46       | 29° <b>8</b> 38'46                      | 1°02'42     |
| max. Earth dist.     | -417 Jun 15 j 03:30                        | 19° <b>∏</b> 48'27                       | 1.33701 AU        | minimum elong           | -416 May 27 j 01:27       | 29° <b>8</b> 26'09                      | 1°02'18     |
| evening rise         | -417 Jun 20 j 08:16                        | 0°\$29'12                                | 1.55701 110       | minimum ciong           | -416 May 27 j 07:40       | 0°П                                     | 1 02 10     |
| evening rise         | -417 Jun 20 j 02:25                        | 0°95                                     |                   | max. Earth dist.        | -416 May 28 j 10:37       | 2° <b>П</b> 26'21                       | 1.32890 AU  |
|                      | -417 Jul 07 j 02:37                        | $0 {\circ} \mathcal{U}$                  |                   | evening rise            | -416 Jun 03 j 08:27       | 14° <b>∏</b> 56'34                      | 1.52670 110 |
| desc. node           | -417 Jul 13 j 20:21                        | 9° <b>Ω</b> 40'37                        |                   | evening rise            | -416 Jun 11 j 03:19       | 0°95                                    |             |
| evening max el       | -417 Jul 13 j 20:21<br>-417 Jul 24 j 09:02 | 21° <b>Ω</b> 53'39                       | 27021/22          | desc. node              | -416 Jun 29 j 17:22       | 28°©13'00                               |             |
| retrograde           | -417 Aug 06 j 21:44                        | 21 <b>δ</b> (33 39 29° <b>Ω</b> 13'25    | 27 21 32          | desc. node              | -416 Jul 01 j 05:43       | 0°Ω                                     |             |
| evening set          | -417 Aug 14 j 00:31                        | 29 <b>δ</b> (13 23<br>26° <b>Ω</b> 29'49 |                   | evening max el          | -416 Jul 05 j 18:01       | 4° <b>Ω</b> 45'03                       | 27021122    |
| •                    | • •  |  | 0.64250 ATT       | •                       | -416 Jul 19 j 12:55       |   | 27 21 32    |
| min. Earth dist.     | -417 Aug 17 j 17:12                        | 23° <b>Ω</b> 33'40                       | 0.64258 AU        | retrograde              | 3                         | 12° <b>Ω</b> 03'23<br>9° <b>Ω</b> 33'50 |             |
| inferior conj        | -417 Aug 20 j 02:19                        |  |                   | evening set             | -416 Jul 26 j 17:32       |   | 0.62546 AU  |
| minimum elong        | -417 Aug 20 j 06:51                        | 20° <b>Ω</b> 21'35                       | 3-10-10           | min. Earth dist.        | -416 Jul 30 j 07:24       | 6° <b>Ω</b> 38'58                       |             |
| morning rise         | -417 Aug 26 j 14:01                        | 15° <b>Ω</b> 08'34                       |                   | inferior conj           | -416 Aug 02 j 05:17       | 3° <b>Ω</b> 52'50                       |             |
| direct               | -417 Aug 29 j 05:23                        | 14° <b>Ω</b> 32'57                       |                   | minimum elong           | -416 Aug 02 j 09:48       | 3° <b>Ω</b> 42'03                       | 4°01'05     |
| asc. node            | -417 Aug 30 j 21:07                        | 14° <b>Ω</b> 47'06                       | 15050115          |                         | -416 Aug 06 j 19:28       | 30°₹©                                   |             |
| morning max el       | -417 Sep 04 j 17:46                        | 18° <b>Ω</b> 00'03                       | 17°59'15          | morning rise            | -416 Aug 09 j 03:20       | 28°546'49                               |             |
| _                    | -417 Sep 13 j 11:10                        | 0° <b>m</b>                              |                   | direct                  | -416 Aug 11 j 15:44       | 28°5518'10                              |             |
| morning set          | -417 Sep 22 j 01:34                        | 14° <b>m</b> 27'51                       |                   |                         | -416 Aug 16 j 08:21       | $0$ ° $\Omega$                          |             |
|                      | -417 Oct 01 j 07:32                        | 0∘ <b>⊽</b>                              |                   | asc. node               | -416 Aug 16 j 18:09       | 0° <b>Ω</b> 18'11                       |             |
|                      |  |  |                   | morning max el          | -416 Aug 18 j 09:05       | 1° <b>Ω</b> 43'43                       | 17°53'50    |
| superior conj        | -417 Oct 05 j 04:21                        | 6° <b>≏</b> 19'21                        |                   | morning set             | -416 Sep 03 j 14:19       | 27° <b>Ω</b> 02'34                      |             |
| minimum elong        | -417 Oct 05 j 07:41                        | 6° <b>≏</b> 32'55                        | 0°29'50           |                         | -416 Sep 05 j 06:03       | 0° <b>™</b>                             |             |
| desc. node           | -417 Oct 09 j 19:39                        | 13° <b>≏</b> 46'18                       |                   |                         |                           |   |             |
| max. Earth dist.     | -417 Oct 10 j 05:36                        | 14° <b>≏</b> 25'51                       | 1.44421 AU        | superior conj           | -416 Sep 14 j 20:04       | 16° Mp 43'22                            | 1°07'59     |
|                      | -417 Oct 20 j 04:15                        | 0°M₊                                     |                   | minimum elong           | -416 Sep 15 j 01:09       | 17° <b>M</b> 04'56                      | 1°07'23     |
| evening rise         | -417 Oct 21 j 11:02                        | 1° <b>M</b> 58'49                        |                   | max. Earth dist.        | -416 Sep 21 j 20:21       | 28° Mp 21'50                            | 1.43200 AU  |
|                      | -417 Nov 09 j 04:09                        | 0° <b>∡</b>                              |                   |                         | -416 Sep 22 j 20:36       | 0∘ <b>⊽</b>                             |             |
| evening max el       | -417 Nov 17 j 12:17                        | 10° <b>≯</b> 28′20                       | 20°16'10          | desc. node              | -416 Sep 25 j 16:42       | 4° <b>ჲ</b> 32'50                       |             |
| retrograde           | -417 Nov 25 j 08:24                        | 15° <b>∡</b> 04'50                       |                   | evening rise            | -416 Sep 29 j 18:17       | 10° <b>≏</b> 56'45                      |             |
| asc. node            | -417 Nov 26 j 20:20                        | 14° <b>∡</b> ′52′03                      |                   |                         | -416 Oct 12 j 08:23       | 0° <b>M</b>                             |             |
| evening set          | -417 Nov 29 j 01:50                        | 13° <b>∡</b> ⁴44'13                      |                   | evening max el          | -416 Oct 30 j 10:37       | 23°M56'38                               | 21°25'15    |
| inferior conj        | -417 Dec 04 j 12:24                        | 7° <b>∡</b> ³39′02                       | 2°24'59           | retrograde              | -416 Nov 08 j 05:28       | 29° <b>M</b> 09'58                      |             |
| minimum elong        | -417 Dec 04 j 09:43                        | 7° <b>∡</b> ¹48'06                       | 2°24'06           | evening set             | -416 Nov 12 j 09:28       | 27°M33'03                               |             |
| min. Earth dist.     | -417 Dec 05 j 06:36                        | 6° <b>∡</b> ³37'49                       | 0.66962 AU        | asc. node               | -416 Nov 12 j 17:22       | 27°M17'00                               |             |
| morning rise         | -417 Dec 09 j 17:24                        | 1° <b>∡</b> ²25'51                       |                   | inferior conj           | -416 Nov 17 j 18:07       | 21°M18'32                               | 1°40'06     |
|                      | -417 Dec 11 j 15:22                        | 30°RM                                    |                   | minimum elong           | -416 Nov 17 j 16:01       | 21°M25'47                               | 1°39'17     |
| direct               | -417 Dec 15 j 10:54                        | 28°M54'01                                |                   | min. Earth dist.        | -416 Nov 18 j 00:41       | 20°M55'56                               | 0.67471 AU  |
|                      | -417 Dec 19 j 15:07                        | 0° <b>∡</b> ¹                            |                   | morning rise            | -416 Nov 22 j 22:25       | 15°M05'15                               |             |
| morning max el       | -417 Dec 27 j 00:13                        | 5° <b>∡</b> ¹46'53                       | 24°50'07          | direct                  | -416 Nov 28 j 00:35       | 12°M54'15                               |             |
| desc. node           | -416 Jan 05 j 18:51                        | 17° <b>∡</b> "21′21                      |                   | morning max el          | -416 Dec 08 j 09:16       | 19°M04'12                               | 23°23'00    |
|                      | -416 Jan 14 j 18:36                        | 5°0                                      |                   |                         | -416 Dec 17 j 14:15       | 0° <b>∡</b> ¹                           |             |
| morning set          | -416 Feb 01 j 03:31                        | 28° <b>る</b> 14'08                       |                   | desc. node              | -416 Dec 22 j 15:53       | 6° <b>₹</b> ¹55'21                      |             |
|                      | -416 Feb 02 j 03:17                        | 0° <b>≈</b>                              |                   |                         | -415 Jan 06 j 22:42       | ರ∘ರ                                     |             |
|                      |  |  |                   |                         |                           |   |             |

| •                          | •  |                                  | •               | , ·              | 901 BCE in historical cou |                                   | 50 200     |
|----------------------------|--|----------------------------------|-----------------|------------------|---------------------------|-----------------------------------|------------|
| morning set                | -415 Jan 12 j 09:55                        | 8° <b>る</b> 59'18                | ustronomiuu var | max. Earth dist. | -415 Dec 29 j 13:16       |                                   | 1.41337 AU |
| max. Earth dist.           | -415 Jan 16 j 14:47                        |                                  | 1.39258 AU      | man. Darin digi. | -415 Dec 30 j 13:45       | 0°ਰ                               | 1.11557110 |
| max. Dartii dist.          | 110 3411 10 1 11.17                        | 10 011 10                        | 1.57250110      |                  | 113 <b>Bec</b> 30 j 13.13 | ů <b>O</b>                        |            |
| superior conj              | -415 Jan 24 j 04:25                        | 29° <b>る</b> 50'09               | -1°54'50        | superior conj    | -414 Jan 06 j 06:07       | 11° <b>る</b> 30'22                | -2°01'18   |
| minimum elong              | -415 Jan 24 j 07:16                        | 0°≈03'25                         |                 | minimum elong    | -414 Jan 06 j 06:06       | 11° <b>ප</b> 30'18                |            |
| minimum crong              | -415 Jan 24 j 06:32                        | 0°≈                              | 1 31 10         | minimum crong    | -414 Jan 16 j 10:16       | 0°≈                               | 2 01 10    |
| evening rise               | -415 Feb 02 j 12:09                        | 17° <b>≈</b> 39'01               |                 | evening rise     | -414 Jan 16 j 19:01       | 0°≈40'32                          |            |
| asc. node                  | -415 Feb 08 j 16:41                        | 29°≈18'11                        |                 | asc. node        | -414 Jan 26 j 13:42       | 18°≈02'28                         |            |
| asc. node                  | -415 Feb 09 j 02:02                        | 0° <b>∺</b>                      |                 | evening max el   | -414 Feb 02 j 03:32       | 26°≈44'22                         | 18°13'22   |
| evening max el             | -415 Feb 18 j 19:38                        | 13° <b>)</b> 54'44               | 18°38'11        | evening max ci   | -414 Feb 07 j 07:15       | 20 <b>≈44</b> 22                  | 16 13 22   |
| •                          | -415 Feb 26 j 15:52                        | 17° <b>)</b> 44'06               | 10 30 11        | ratragrada       | -414 Feb 07 j 07:15       | 0° <b>)</b> 14′27                 |            |
| retrograde                 | ,  | 17 <b>X</b> 44 06                |                 | retrograde       | -414 Feb 10 j 23:14       | 0 <del>K</del> 1427<br>30°R≈      |            |
| evening set                | -415 Mar 01 j 01:13                        |                                  | 2057142         |                  | J                         |                                   |            |
| inferior conj              | -415 Mar 08 j 15:55                        | 12° <b>¥</b> 58′21               |                 | evening set      | -414 Feb 11 j 17:02       | 29°≈46'21                         | 2020150    |
| minimum elong              | -415 Mar 08 j 20:06                        | 12° <b>升</b> 50'19               | 2°56'46         | inferior conj    | -414 Feb 18 j 15:26       | 24°≈59'50                         | 3°38'50    |
| min. Earth dist.           | -415 Mar 12 j 01:00                        | 10° <b>)</b> €24'16              | 0.57991 AU      | minimum elong    | -414 Feb 18 j 17:42       | 24°≈54'45                         | 3°38'34    |
| morning rise               | -415 Mar 16 j 12:12                        | 7° <b>)</b> (39'41               |                 | min. Earth dist. | -414 Feb 21 j 23:44       | 22°≈02'16                         | 0.60052 AU |
| desc. node                 | -415 Mar 20 j 15:02                        | 6° <b>∺</b> 23'14                |                 | morning rise     | -414 Feb 25 j 16:21       | 19°≈18'53                         |            |
| direct                     | -415 Mar 22 j 06:45                        | 6° <b>∺</b> 16'19                |                 | direct           | -414 Mar 04 j 06:43       | 17° <b>≈</b> 17'14                |            |
| morning max el             | -415 Apr 05 j 15:06                        | 13° <b>¥</b> 50′17               | 26°26'06        | desc. node       | -414 Mar 07 j 12:04       | 17° <b>≈</b> 44'47                |            |
|                            | -415 Apr 18 j 10:57                        | 0°Υ                              |                 | morning max el   | -414 Mar 18 j 13:17       | 25°≈03'39                         | 27°24'10   |
| morning set                | -415 May 04 j 14:47                        | 29° <b>Ƴ</b> 27'23               |                 |                  | -414 Mar 23 j 02:34       | 0° <b>∀</b>                       |            |
|                            | -415 May 04 j 21:00                        | $9^{\circ}$ 8                    |                 |                  | -414 Apr 11 j 17:34       | $0$ ° $\mathbf{\gamma}$           |            |
| asc. node                  | -415 May 07 j 15:59                        | 5° <b>8</b> 57'49                |                 | morning set      | -414 Apr 18 j 23:06       | 14° <b>Ƴ</b> 13'30                |            |
|                            |  |                                  |                 | asc. node        | -414 Apr 24 j 13:02       | 26° <b>Ƴ</b> 08'44                |            |
| superior conj              | -415 May 11 j 15:14                        | 14° <b>8</b> 38'15               | 0°40'53         | max. Earth dist. | -414 Apr 25 j 11:04       | 28° <b>Ƴ</b> 09'11                | 1.32367 AU |
| minimum elong              | -415 May 11 j 13:32                        | 14° <b>8</b> 28'56               | 0°40'33         |                  |                           |                                   |            |
| max. Earth dist.           | -415 May 11 j 22:21                        | 15° <b>8</b> 17'16               | 1.32446 AU      | superior conj    | -414 Apr 26 j 02:52       | 29° <b>Ƴ</b> 35'45                | 0°16'38    |
| evening rise               | -415 May 18 j 14:38                        | 29° <b>8</b> 40'42               |                 | minimum elong    | -414 Apr 26 j 02:07       | 29° <b>Ƴ</b> 31'39                | 0°16'29    |
|                            | -415 May 18 j 18:20                        | $\Pi^{\circ}$                    |                 |                  | -414 Apr 26 j 07:17       | $9^{\circ}$ 8                     |            |
|                            | -415 Jun 04 j 08:15                        | 0ಂತಾ                             |                 | evening rise     | -414 May 03 j 00:33       | 14° <b>8</b> 33'56                |            |
| desc. node                 | -415 Jun 16 j 14:21                        | 15° <b>©</b> 38'56               |                 |                  | -414 May 10 j 19:08       | $\Pi^{\circ}0$                    |            |
| evening max el             | -415 Jun 17 j 21:41                        | 16°956'02                        | 26°48'38        | evening max el   | -414 May 30 j 18:42       | 28° <b>Ⅲ</b> 22'14                | 25°44'42   |
| retrograde                 | -415 Jul 01 j 20:57                        | 24°©12'24                        |                 |                  | -414 Jun 01 j 13:50       | 0ංම                               |            |
| evening set                | -415 Jul 08 i 16:46                        | 22°©10'40                        |                 | desc. node       | -414 Jun 03 j 11:21       | 1° <b>©</b> 31'14                 |            |
| min. Earth dist.           | -415 Jul 12 j 11:19                        |                                  | 0.60566 AU      | retrograde       | -414 Jun 13 j 20:08       | 5°934'30                          |            |
| inferior conj              | -415 Jul 15 j 18:16                        | 16°9547'02                       |                 | evening set      | -414 Jun 19 j 18:06       | 4°9510'51                         |            |
| minimum elong              | -415 Jul 15 j 21:11                        | 16°9540'56                       |                 | min. Earth dist. | -414 Jun 24 j 07:04       | 1°\$29'36                         | 0.58511 AU |
| morning rise               | -415 Jul 23 j 03:27                        | 12° <b>©</b> 02'52               |                 |                  | -414 Jun 26 j 08:58       | 30° <b>Ŗ</b> Ⅱ                    |            |
| direct                     | -415 Jul 25 j 15:04                        | 11° <b>©</b> 39'03               |                 | inferior conj    | -414 Jun 27 j 13:47       | 29° <b>Ⅱ</b> 07'14                | -4°42'01   |
| morning max el             | -415 Aug 01 j 21:30                        | 15°912'35                        | 18°07'26        | minimum elong    | -414 Jun 27 j 13:02       | 29° <b>I</b> 108'36               |            |
| asc. node                  | -415 Aug 03 j 15:11                        | 17° <b>5</b> 03'33               | 10 07 20        | morning rise     | -414 Jul 05 j 10:30       | 24° <b>Ⅱ</b> 45'20                | 1 1137     |
| use. Houe                  | -415 Aug 12 j 03:28                        | 0° <b>Ω</b>                      |                 | direct           | -414 Jul 07 j 22:56       | 24° <b>I</b> I24'55               |            |
| morning set                | -415 Aug 17 j 19:25                        | 10° <b>Ω</b> 24'13               |                 | morning max el   | -414 Jul 16 j 03:57       | 28° <b>I</b> 17'58                | 18°41'07   |
| morning set                | -413 Aug 17 j 17.23                        | 10 662413                        |                 | morning max cr   | -414 Jul 17 j 19:29       | 0°9                               | 10 41 07   |
| superior conj              | -415 Aug 27 j 14:19                        | 28° <b>Ω</b> 25'58               | 1032'30         | asc. node        | -414 Jul 21 j 12:15       | 4°9548'12                         |            |
| 1 3                        | -415 Aug 27 j 14:19                        | 28° <b>Ω</b> 43'03               | 1°32'11         | morning set      | -414 Aug 01 j 12:17       | 24°920'45                         |            |
| minimum elong              | -415 Aug 28 j 11:25                        | 28 <b>8 2</b> 43 03              | 1 32 11         | morning set      |                           | 24 <b>€3</b> 20 43<br>0° <b>Ω</b> |            |
| Earth diet                 |  |                                  | 1.41481 AU      |                  | -414 Aug 04 j 09:56       | 0 86                              |            |
| max. Earth dist.           | -415 Sep 04 j 05:14<br>-415 Sep 09 j 14:45 | 11° Mp 39'20<br>20° Mp 32'39     | 1.41461 AU      | gumariar agni    | -414 Aug 10 j 06:03       | 110 0 12/47                       | 1944!50    |
| evening rise<br>desc. node | 1 3  |                                  |                 | superior conj    | <b>C</b> 3                | 11° <b>Ω</b> 12'47                |            |
| desc. node                 | -415 Sep 12 j 13:44                        | 25° m 15'49                      |                 | minimum elong    | -414 Aug 10 j 07:40       | 11° <b>Ω</b> 20′24                |            |
|                            | -415 Sep 15 j 14:29                        | 0∘ <b>亚</b>                      |                 | max. Earth dist. | -414 Aug 17 j 09:00       | 24° <b>Ω</b> 12'21                | 1.39504 AU |
|                            | -415 Oct 06 j 16:06                        | 0°M                              | 220.42140       |                  | -414 Aug 20 j 17:12       | 0° <b>m</b> )                     |            |
| evening max el             | -415 Oct 13 j 03:22                        | 7°M25'45                         | 22°42'49        | evening rise     | -414 Aug 21 j 11:03       | 1° m) 15'54                       |            |
| retrograde                 | -415 Oct 23 j 00:30                        | 13°M18'05                        |                 | desc. node       | -414 Aug 30 j 10:44       | 15° <b>m</b> 51'19                |            |
| evening set                | -415 Oct 27 j 16:57                        | 11°M23'30                        |                 |                  | -414 Sep 08 j 22:31       | 0∘ <b>ত</b>                       |            |
| asc. node                  | -415 Oct 30 j 14:23                        | 8°M20'05                         |                 | evening max el   | -414 Sep 25 j 16:20       | 20° <b>£</b> 57'37                | 24°03'10   |
| inferior conj              | -415 Nov 02 j 01:10                        | 5°M03'22                         | 0°50'14         | retrograde       | -414 Oct 06 j 16:07       | 27° <b>≏</b> 25'21                |            |
| minimum elong              | -415 Nov 02 j 00:01                        | 5°M07'20                         | 0°49'44         | evening set      | -414 Oct 11 j 22:32       | 25° <b>≏</b> 12'50                |            |
| min. Earth dist.           | -415 Nov 01 j 21:06                        | 5°M17'23                         | 0.67641 AU      | min. Earth dist. | -414 Oct 16 j 17:25       | 19° <b>≏</b> 39'40                | 0.67500 AU |
|                            | -415 Nov 06 j 01:40                        | 30° <b>₹</b> Ω                   |                 | inferior conj    | -414 Oct 17 j 07:46       | 18° <b>≏</b> 51'02                |            |
| morning rise               | -415 Nov 07 j 06:59                        | 28° <b>≏</b> 52'11               |                 | minimum elong    | -414 Oct 17 j 07:50       | 18° <b>≙</b> 50'47                | 0°03'09    |
| direct                     | -415 Nov 11 j 18:17                        | 27° <b>≏</b> 03'42               |                 | transit middle   | -414 Oct 17 j 07:50       | 18° <b>≙</b> 50'47                | 0°03'09    |
|                            | -415 Nov 18 j 05:40                        | 0°M₊                             |                 | transit begin    | -414 Oct 17 j 05:10       | 18° <b>≏</b> 59'51                |            |
| morning max el             | -415 Nov 20 j 22:01                        | $2^{\circ}$ ML27'48              | 21°56'57        | transit end      | -414 Oct 17 j 10:31       | 18° <b>≏</b> 41'44                |            |
| desc. node                 | -415 Dec 09 j 12:57                        | $26^{\circ}$ M $_{55}$ ' $_{28}$ |                 | asc. node        | -414 Oct 17 j 11:27       | 18° <b>≏</b> 38'34                |            |
|                            | -415 Dec 11 j 14:43                        | 0°⊀                              |                 | morning rise     | -414 Oct 22 j 17:07       | 12° <b>≏</b> 44'32                |            |
| morning set                | -415 Dec 23 j 11:18                        | 18° <b>∡</b> ¹20'47              |                 | direct           | -414 Oct 26 j 14:58       | 11° <b>≏</b> 17'31                |            |
|                            | -  |                                  |                 |                  | -                         |                                   |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. 15°**♀**59'49 20°39'03 -414 Nov 03 j 17:18 asc. node -413 Oct 04 j 08:31 29° m 10'09 morning max el -414 Nov 14 j 18:24 0°M morning rise -413 Oct 07 j 02:55 26° m 41'09 -414 Nov 26 j 10:00 -413 Oct 10 j 13:18 desc. node 17°M13'41 direct 25° m 32'58 -414 Dec 02 j 12:44 26°M37'43 -413 Oct 17 j 20:15 29° Mp 42'00 19°33'55 morning set morning max el -414 Dec 04 j 16:35 0°**∡**¹ -413 Oct 18 j 03:16 0∘ಹ -414 Dec 11 j 18:53  $0^{\circ}$ M max. Earth dist. 11°**∡**17′21 1.43131 AU -413 Nov 08 j 06:59 morning set -413 Nov 11 j 11:15 4°M54'59 -414 Dec 18 j 07:18 superior conj 22°**₹**00'02 -1°53'36 desc. node -413 Nov 13 j 07:04 7°M45'02 minimum elong -414 Dec 18 j 02:39 21°**х** 40′37 1°53'22 max. Earth dist. -413 Nov 24 j 08:01 25°M03'26 1.44401 AU -414 Dec 23 j 00:36 0°ಕ -413 Nov 27 j 10:31 0°**∡**7 evening rise -414 Dec 30 j 10:30 12°**る**56'08 -413 Jan 09 j 07:51 -413 Nov 28 j 05:37 0°≈ superior conj 1°**∡**16'26 -1°28'03 -413 Jan 13 j 10:45 asc. node 6°**≈**07'35 minimum elong -413 Nov 27 j 21:30 0°**∡**′43'58 1°27'16 evening max el -413 Jan 16 j 15:13 9°**≈**52'32 18°08'13 evening rise -413 Dec 12 j 06:14 24°**х** 18′23 retrograde -413 Jan 23 j 04:27 13°≈17'45 -413 Dec 15 j 15:31 0°정 evening set -413 Jan 25 j 22:59 12°≈40'23 evening max el -413 Dec 31 j 03:47 23°る12'00 18°21'58 inferior conj -413 Feb 01 j 08:32 7°**≈**32'58 3°51'39 asc. node -413 Dec 31 j 07:48 23°る22'07 minimum elong -413 Feb 01 j 08:32 7°**≈**32'59 3°51'39 retrograde -412 Jan 06 j 16:10 26°る44'56 min. Earth dist. -413 Feb 04 j 06:08 4°≈36'50 0.62116 AU evening set -412 Jan 09 j 15:22 25°る57'18 morning rise -413 Feb 07 j 16:56 1°≈38'16 inferior conj -412 Jan 15 j 15:19 20°**る**30'16 3°43'50 -413 Feb 10 j 12:15 30°Ŗる minimum elong -412 Jan 15 j 13:37 20°**る**35'06 3°43'39 direct -413 Feb 14 i 16:33 29°る05'42 min. Earth dist. -412 Jan 17 j 22:00 17°**る**55'23 0.63944 AU -413 Feb 19 i 02:07 0°≈ morning rise -412 Jan 21 i 11:17 14°る26'57 desc. node -413 Feb 22 i 09:08 1°≈43'04 direct -412 Jan 28 i 10:01 11°る37'39 -413 Feb 28 j 17:18 6°≈56'53 27°46'40 desc. node -412 Feb 09 j 06:12 17°る43'25 morning max el -413 Mar 18 j 06:31 0°**₩** -412 Feb 11 j 01:29 19°る26'42 27°32'46 morning max el -413 Apr 03 j 02:40 28°**)** 42′18 -412 Feb 20 j 02:04 0°≈≈ morning set -413 Apr 03 j 17:53  $0^{\circ}\Upsilon$ -412 Mar 10 j 05:14 0°\ -413 Apr 08 j 20:55 10°**Y**48'19 -412 Mar 16 j 22:57 max Earth dist 1.32661 AU 12° ¥ 45'29 morning set max. Earth dist. -412 Mar 22 j 00:07 23°**)** 02'40 1.33360 AU -413 Apr 10 j 12:57 14°**Υ**24'59 -0°09'19 superior conj -413 Apr 10 j 13:23 -412 Mar 24 j 19:41 minimum elong 14°**Y**27'21 0°09'13 28°\(\)\(59'41\) -0°35'58 superior conj -413 Apr 10 j 09:10 14°**Y**04'27 -412 Mar 24 j 21:24 behind sun begin 29°**H**08'51 0°35'38 minimum elong -413 Apr 10 j 17:36 14°**Υ**50'14 -412 Mar 25 j 06:59  $0^{\circ}\Upsilon$ behind sun end -413 Apr 11 j 10:05 16°**Y**19'52 -412 Mar 28 j 07:08 6°**Y**27′05 asc. node asc. node -413 Apr 17 j 12:12 29°**Y**28′56 -412 Mar 31 j 23:46 14°**Y**19'12 evening rise evening rise -412 Apr 08 j 22:39 -413 Apr 17 j 18:05  $0^{\circ}$ 8  $0^{\circ}$ 8 -413 May 04 j 15:00  $0^{\circ}II$ evening max el -412 Apr 23 j 01:59 19°847'04 22°42'59 evening max el -413 May 12 j 10:26 9°**Ⅱ**11'46 24°18'15 retrograde -412 May 06 j 06:27 26°**8**18'10 desc. node -413 May 21 j 08:21 15°**Ⅲ**15′04 desc. node -412 May 07 j 05:24 26°816'07 retrograde -413 May 26 j 07:46 16°**Ⅲ**11'33 evening set -412 May 09 j 10:52 25°**8**55'57 -413 May 30 j 21:09 15°**Ⅲ**25'11 min. Earth dist. -412 May 17 j 10:34 22°826'43 0.55419 AU evening set -413 Jun 05 j 21:52 12°**Ⅲ**25'55 0.56679 AU -412 May 18 j 18:12 21°841'29 -3°04'37 min. Earth dist. inferior conj -413 Jun 08 j 13:21 10°**II**45'47 -4°15'38 -412 May 18 j 11:07 21°**8**51'38 3°02'38 inferior conj minimum elong -413 Jun 08 j 08:03 10°**I**I54'12 4°14'47 -412 May 27 j 13:34 17°**8**47'36 minimum elong morning rise -413 Jun 16 j 21:47 6°**Ⅱ**42'42 -412 May 30 i 08:01 morning rise direct 17°**8**29'45 -413 Jun 19 j 12:18 6°**Ⅲ**24'27 -412 Jun 10 j 12:17 direct morning max el 22°**8**41'34 20°50'57 -413 Jun 29 i 01:33 morning max el 10°**I**50'27 19°35'47 -412 Jun 16 i 18:12  $0^{\circ}II$ asc. node -413 Jul 08 j 09:20 23°**Ⅱ**18'54 asc. node -412 Jun 24 j 06:25 12°**Ⅲ**23'53 -413 Jul 12 j 02:29 0ಂತಾ -412 Jun 29 j 20:16 23°**Ⅲ**24'47 morning set -413 Jul 16 j 13:30 8°5643'43 -412 Jul 03 j 00:34 0ಂತಾ morning set -413 Jul 24 j 13:46 24°548'40 1°47'11 -412 Jul 07 j 08:44 1°41'43 superior conj superior conj 8°959'24 -413 Jul 24 j 13:24 minimum elong 24°9546'55 1°47'11 minimum elong -412 Jul 07 j 07:02 8°950'40 1°41'37 -413 Jul 27 j 05:37  $0^{\circ}\Omega$ max. Earth dist. -412 Jul 11 j 20:55 18°**©**03'20 1.35762 AU -412 Jul 16 j 00:59 max. Earth dist. -413 Jul 30 j 12:20 6°**Ω**12'51 1.37528 AU evening rise 26°903'51 -413 Aug 03 j 07:55 13°**Ω**10′14 -412 Jul 18 j 04:06 0 $\circ$  $\Omega$ evening rise -413 Aug 13 j 07:24 0° M -412 Aug 03 j 04:46 desc. node 26°**Ω**20'36 -413 Aug 17 j 07:45 -412 Aug 05 j 17:37 desc. node  $6^{\circ}$  My 15'060° m -413 Sep 03 j 21:15 0∘**⊽** evening max el -412 Aug 20 j 15:41 18° To 10'08 26°23'08 4°**2**33'57 25°19'09 evening max el -413 Sep 08 j 03:59 retrograde -412 Sep 02 j 09:39 25° m 21'23 retrograde -413 Sep 20 j 03:22 11°**£**28′29 evening set -412 Sep 08 j 20:56 22° m 39'57 evening set -413 Sep 26 j 00:33 8°**♀**59'28 min. Earth dist. -412 Sep 12 j 23:48 18°**m**) 19'11 0.66255 AU min. Earth dist. -413 Sep 30 j 11:09 4°**£**01'32 0.67046 AU inferior conj -412 Sep 14 j 12:35 16° Mp 26'46 -1°54'21 inferior conj -413 Oct 01 j 12:12 2°**£**40'04 -0°58'36 minimum elong -412 Sep 14 j 15:27 16° **m** 17'58 1°53'12 -413 Oct 01 j 13:40 2°**2**35'18 0°57'58 -412 Sep 20 j 10:20 10°m/38'38 minimum elong morning rise

-412 Sep 20 j 05:36

asc. node

10° m 45'38

-413 Oct 03 j 15:07

30°₽,₩)

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 262 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronom                           | nical year style is used: The  | ne year -900 in                                      | astronomical cou       | inting style is the year 9   | 901 BCE in historical cou   | unting style.   |                        |
|---|--|--|------------------------|------------------------------|---|---|------------------------|
| direct  | -412 Sep 23 j 11:27  | 9° <b>™</b> 45'55                                    |                        |                              | -411 Aug 29 j 09:22   | 30° <b>ŖΩ</b>   |                        |
| morning max el                                | -412 Sep 30 j 05:52  | 13° <b>m</b> /31'31                                  | 18°43'59               | morning rise                 | -411 Sep 04 j 13:01   | 24° <b>Ω</b> 33'13  |                        |
|   | -412 Oct 12 j 05:20  | 0∘ <b>ত</b>  |                        | direct                       | -411 Sep 07 j 07:11   | 23° <b>Ω</b> 52'25  |                        |
| morning set                                   | -412 Oct 21 j 05:42  | 14° <b>≏</b> 16'21                                   |                        | asc. node                    | -411 Sep 07 j 02:40   | 23° <b>Ω</b> 52'37  |                        |
| desc. node                                    | -412 Oct 30 j 04:06  | 28° <b>£</b> 24'46                                   |                        | morning max el               | -411 Sep 13 j 19:54   | 27° <b>Ω</b> 23'50  | 18°10'35               |
|   | -412 Oct 31 j 04:17  | 0°M  |                        |                              | -411 Sep 16 j 03:19   | 0° <b>m</b>   |                        |
|   | -  |  |                        | morning set                  | -411 Oct 02 j 04:41   | 25° Mp 02'11  |                        |
| superior conj                                 | -412 Nov 06 j 08:26  | 9°M42'42   | -0°45'49               | -                            | -411 Oct 05 j 04:46   | 0∘ <b>ত</b>   |                        |
| minimum elong                                 | -412 Nov 06 j 02:34  | 9° <b>™</b> 19'39                                    | 0°45'05                |                              | J   |   |                        |
| max. Earth dist.                              | -412 Nov 06 j 01:51  | 9° <b>™</b> 16'48                                    | 1.44986 AU             | superior conj                | -411 Oct 16 j 11:59   | 18° <b>≏</b> 17'30  | 0°03'37                |
|   | -412 Nov 19 j 04:11  | 0° <b>∡</b> 7  |                        | minimum elong                | -411 Oct 16 j 12:26   | 18° <b>≏</b> 19'18  | 0°03'33                |
| evening rise                                  | -412 Nov 22 j 02:38  | 4° <b>₹</b> '41'34                                   |                        | behind sun begin             | -411 Oct 16 j 01:45   | 17° <b>≏</b> 36'48  |                        |
|   | -412 Dec 08 j 07:07  | 0° <b>ප</b>  |                        | behind sun end               | -411 Oct 16 j 23:07   | 19° <b>≏</b> 01'44  |                        |
| evening max el                                | -412 Dec 13 j 14:37  | °ප36'58  | 18°53'43               | desc. node                   | -411 Oct 17 j 01:06   | 19° <b>ഫ</b> 09'39  |                        |
| asc. node                                     | -412 Dec 17 j 04:50  | 9° <b>ට</b> 30'50                                    | 10 33 43               | max. Earth dist.             | -411 Oct 19 j 20:34   | 23° <b>⊆</b> 36'36  | 1.44831 AU             |
| retrograde                                    | -412 Dec 20 j 10:07  | 10° <b>පි</b> 28'14                                  |                        | max. Earth dist.             | -411 Oct 23 j 22:08   | 0° <b>™</b>   | 1.44031 AU             |
| evening set                                   | -412 Dec 23 j 15:00  | 9° <b>පි</b> 29'11                                   |                        | evening rise                 | -411 Nov 02 j 00:08   | 14°M09'24   |                        |
| inferior conj                                 | -412 Dec 29 j 08:04  | 9 <b>ප</b> 2911<br>3° <b>ප</b> 44'55                 | 2021/16                | evening rise                 | -411 Nov 12 j 06:31   | 0° <b>√</b>   |                        |
|   |  | 3°る4433  | 3°20'43                | araataat brillianav          | J   |   | 0.7                    |
| minimum elong                                 | -412 Dec 29 j 05:27  |  |                        | greatest brilliancy          | -411 Nov 14 j 14:57   | 3°×733'48   | -0.7m                  |
| min. Earth dist.                              | -412 Dec 30 j 23:29  | 1°る43'03   | 0.65410 AU             | evening max el               | -411 Nov 26 j 21:33   | 20° <b>₹</b> 03'55  | 19°41'54               |
|   | -411 Jan 01 j 10:29  | 30°R ✓   |                        | retrograde                   | -411 Dec 04 j 07:07   | 24° 🖈 22'20   |                        |
| morning rise                                  | -411 Jan 03 j 19:35  | 27° <b>₹</b> 35'54                                   |                        | asc. node                    | -411 Dec 04 j 01:53   | 24° <b>₹</b> 22'04  |                        |
| direct  | -411 Jan 10 j 10:01  | 24° <b>∡</b> ⁴44'39                                  |                        | evening set                  | -411 Dec 07 j 19:20   | 23° <b>∡</b> 10′14  |                        |
|   | -411 Jan 20 j 22:44  | 0° <b>る</b>  |                        | inferior conj                | -411 Dec 13 j 07:43   | 17° <b>₹</b> 11'40  | 2°47'57                |
| morning max el                                | -411 Jan 23 j 11:18  | 2° <b>る</b> 22'42                                    | 26°47'02               | minimum elong                | -411 Dec 13 j 04:53   | 17° <b>∡</b> ¹20'58   | 2°47'07                |
| desc. node                                    | -411 Jan 26 j 03:17  | 5° <b>る</b> 11'54                                    |                        | min. Earth dist.             | -411 Dec 14 j 09:12   | 15° <b>∡</b> 747'51   | 0.66497 AU             |
|   | -411 Feb 13 j 07:00  | 0° <b>≈</b>  |                        | morning rise                 | -411 Dec 18 j 14:14   | 10° <b>₹</b> 59'13  |                        |
| morning set                                   | -411 Feb 28 j 08:36  | 26° <b>≈</b> 12'39                                   |                        | direct                       | -411 Dec 24 j 15:58   | 8° <b>∡</b> 17'46   |                        |
|   | -411 Mar 02 j 07:43  | 0° <b>ℋ</b>  |                        | morning max el               | -410 Jan 05 j 20:27   | 15° <b>∡</b> ³31'52   | 25°37'16               |
| max. Earth dist.                              | -411 Mar 04 j 17:08  | 4° <b>)</b> 43′52                                    | 1.34494 AU             | desc. node                   | -410 Jan 13 j 00:19   | 23° <b>҂¹</b> 42′20   |                        |
|   |  |  |                        |                              | -410 Jan 17 j 19:18   | ರ∘ರ   |                        |
| superior conj                                 | -411 Mar 08 j 20:55  | 13° <b>₩</b> 13'14                                   | -1°02'14               |                              | -410 Feb 06 j 03:44   | 0° <b>≈</b>   |                        |
| minimum elong                                 | -411 Mar 08 j 23:49  | 13° <b>)</b> €28'20                                  | 1°01'43                | morning set                  | -410 Feb 11 j 02:59   | 8° <b>≈</b> 49'19   |                        |
| asc. node                                     | -411 Mar 15 j 04:10  | 26° <b>)</b> €26'15                                  |                        | max. Earth dist.             | -410 Feb 14 j 22:04   | 15° <b>≈</b> 53'19  | 1.36075 AU             |
| evening rise                                  | -411 Mar 16 j 09:21  | 28° <b>升</b> 58′18                                   |                        |                              |   |   |                        |
|   | -411 Mar 16 j 21:17  | $0^{\circ}\mathbf{\Upsilon}$                         |                        | superior conj                | -410 Feb 20 j 13:54   | 26°≈56'41   | -1°26'30               |
|   | -411 Apr 04 j 08:50  | 0°8  |                        | minimum elong                | -410 Feb 20 j 17:36   | 27°≈15'13   | 1°25'59                |
| evening max el                                | -411 Apr 05 j 00:13  | 0° <b>8</b> 38'00                                    | 21°13'08               | Č                            | -410 Feb 22 j 02:20   | 0° <b>∀</b>   |                        |
| retrograde                                    | -411 Apr 16 j 20:38  | 6° <b>8</b> 22'51                                    |                        | evening rise                 | -410 Feb 28 j 14:52   | 13° <b>)</b> 18′32  |                        |
| evening set                                   | -411 Apr 19 j 04:30  | 6° <b>8</b> 10'19                                    |                        | asc. node                    | -410 Mar 02 j 01:12   | 16° <b>)</b> €11'53   |                        |
| desc. node                                    | -411 Apr 24 j 02:26  | 4° <b>8</b> 31'57                                    |                        |                              | -410 Mar 09 j 09:59   | 0°Υ   |                        |
| inferior conj                                 | -411 Apr 28 j 12:56  | 2° <b>8</b> 10'52                                    | -1°15'47               | evening max el               | -410 Mar 18 j 09:13   | 12° <b>Υ</b> 02'48  | 19°58'00               |
| minimum elong                                 | -411 Apr 28 j 09:22  | 2° <b>8</b> 15'53                                    |                        | retrograde                   | -410 Mar 28 j 12:48   | 16° <b>Υ</b> 54'41  | 17 20 00               |
| min. Earth dist.                              | -411 Apr 28 j 23:32  |  | 0.55008 AU             | evening set                  | -410 Mar 30 j 15:40   | 16° <b>Y</b> 42'53  |                        |
| iiiii. Luttii dist.                           | -411 May 02 j 13:57  | 30°RΥ  | 0.55000 110            | inferior conj                | -410 Apr 08 j 11:38   | 12° <b>Υ</b> 42'35  | 0°42'15                |
| morning rise                                  | -411 May 07 j 14:25  | 28° <b>Υ</b> 08'31                                   |                        | minimum elong                | -410 Apr 08 j 13:29   | 12° <b>Υ</b> 39'47  | 0°41'37                |
| direct  | -411 May 10 j 18:29  | 28 <b>Υ</b> 08 31<br>27° <b>Υ</b> 46'44              |                        | min. Earth dist.             | -410 Apr 10 j 13:42   | 12 <b>γ</b> 3947<br>11° <b>γ</b> 26'30  | 0.55552 AU             |
| direct  | -411 May 18 j 10:28  | 0° <b>8</b>  |                        | desc. node                   | -410 Apr 10 j 23:28   | 11° <b>Υ</b> 12'00  | 0.55552 AU             |
| marning may al                                |  |  | 22022150               |                              |   | 8° <b>Υ</b> 13'33   |                        |
| morning max el                                | -411 May 23 j 12:26  | 3° <b>8</b> 51'11                                    | 22 22 36               | morning rise                 | -410 Apr 17 j 09:07   | 7° <b>Υ</b> 38'02   |                        |
| 1   | -411 Jun 10 j 04:17  | 0° <b>П</b>  |                        | direct                       | -410 Apr 21 j 09:28   |   | 24002121               |
| asc. node                                     | -411 Jun 11 j 03:28  | 1° <b>I</b> I54'32                                   |                        | morning max el               | -410 May 05 j 05:06   | 14° <b>Y</b> 29'41  | 24*03*31               |
| morning set                                   | -411 Jun 14 j 06:27  | 8° <b>Ⅱ</b> 17'41                                    |                        | 1                            | -410 May 17 j 08:01   | 0° <b>8</b>   |                        |
|   |  | 🗕  |                        | asc. node                    | -410 May 29 j 00:29   | 21° <b>8</b> 43'10  |                        |
| superior conj                                 | -411 Jun 21 j 11:28  | 23° <b>Ⅲ</b> 34'27                                   |                        | morning set                  | -410 May 29 j 18:13   | 23° <b>8</b> 15'59  |                        |
| minimum elong                                 | -411 Jun 21 j 09:05  | 23° <b>Ⅱ</b> 21'50                                   |                        |                              | -410 Jun 01 j 21:57   | $\Pi^{\circ}0$  |                        |
| max. Earth dist.                              | -411 Jun 24 j 14:21  |  | 1.34342 AU             |                              |   |   |                        |
|   | -411 Jun 24 j 13:15  | 0° <b>©</b>  |                        | superior conj                | -410 Jun 05 j 19:13   | 8° <b>Ⅱ</b> 24'29   |                        |
| evening rise                                  | -411 Jun 29 j 09:22  | 9° <b>5</b> 43'32                                    |                        | minimum elong                | -410 Jun 05 j 16:43   | 8° <b>Ⅱ</b> 11'03   |                        |
|   | -411 Jul 10 j 14:45  | $0^{\circ}\Omega$                                    |                        | max. Earth dist.             | -410 Jun 07 j 16:49   |   | 1.33308 AU             |
| desc. node                                    | -411 Jul 21 j 01:46  | 15° <b>Ω</b> 59'34                                   |                        | evening rise                 | -410 Jun 13 j 04:45   | 23° <b>Ⅲ</b> 56′21  |                        |
|   | -411 Aug 01 j 12:05  | 0° <b>m</b>  |                        |                              | -410 Jun 16 j 06:23   | $0$ $\circ$ $\odot$   |                        |
|   |  |  | 27007'27               |                              | -410 Jul 04 j 05:33   | $0^{\circ}\Omega$   |                        |
| evening max el                                | -411 Aug 03 j 03:26  | 1°₩37'55   | 21 0121                |                              |   |   |                        |
| evening max el retrograde                     |  | 1° My 37'55<br>8° My 57'03                           | 21 0121                | desc. node                   | -410 Jul 07 j 22:47   | 5° <b>Ω</b> 00'36   |                        |
| •   | -411 Aug 03 j 03:26  |  | 27 0727                | desc. node<br>evening max el |   |   | 27°25'20               |
| retrograde                                    | -411 Aug 03 j 03:26<br>-411 Aug 16 j 10:39   | 8° Mp 57'03<br>6° Mp 10'49                           | 0.65097 AU             |                              | -410 Jul 07 j 22:47   | 5° <b>Ω</b> 00'36   | 27°25'20               |
| retrograde<br>evening set                     | -411 Aug 03 j 03:26<br>-411 Aug 16 j 10:39<br>-411 Aug 23 j 09:17                        | 8° m 57'03<br>6° m 10'49<br>2° m 27'13<br>0° m 07'25 | 0.65097 AU<br>-2°48'20 | evening max el               | -410 Jul 07 j 22:47<br>-410 Jul 16 j 14:00                        | 5° <b>Ω</b> 00'36<br>14° <b>Ω</b> 45'59   | 27°25'20               |
| retrograde<br>evening set<br>min. Earth dist. | -411 Aug 03 j 03:26<br>-411 Aug 16 j 10:39<br>-411 Aug 23 j 09:17<br>-411 Aug 27 j 05:07 | 8° M 57'03<br>6° M 10'49<br>2° M 27'13               | 0.65097 AU<br>-2°48'20 | evening max el retrograde    | -410 Jul 07 j 22:47<br>-410 Jul 16 j 14:00<br>-410 Jul 30 j 05:58 | 5° <b>Ω</b> 00'36<br>14° <b>Ω</b> 45'59<br>22° <b>Ω</b> 06'18<br>19° <b>Ω</b> 26'47 | 27°25'20<br>0.63569 AU |

| Attention, astronomi  | ical year style is used: Th   | ne vear -900 in  | astronomical cour   | ting style is the year   | 901 BCE in historical cou   | inting style.  |  |
|---|---|--|---|--|---|--|--|
| inferior conj   | -410 Aug 12 j 16:07   | 13° <b>Ω</b> 36′28   |   | min. Earth dist.   | -409 Jul 23 j 11:16   |  | 0.61725 AU   |
| minimum elong   | -410 Aug 12 j 20:47   | 13° <b>Ω</b> 24'32   | 3°36'22   | inferior conj  | -409 Jul 26 j 13:36   | 26°546'15  | -4°17'28   |
| morning rise  | -410 Aug 19 j 08:08   | 8° <b>Ω</b> 19'19  |   | minimum elong  | -409 Jul 26 j 17:40   | 26° <b>©</b> 37'01   | 4°16'47  |
| direct  | -410 Aug 21 j 21:50   | 7° <b>Ω</b> 47'08  |   | morning rise   | -409 Aug 02 j 16:18   | 21° <b>5</b> 49'02   |  |
| asc. node   | -410 Aug 24 j 23:42   | 8° <b>Ω</b> 33'53  |   | direct   | -409 Aug 05 j 04:00   | 21° <b>5</b> 22'44   |  |
| morning max el  | -410 Aug 28 j 11:35   | 11° <b>Ω</b> 12'44   | 17°54'39  | asc. node  | -409 Aug 11 j 20:45   | 24° <b>©</b> 38'11   |  |
|   | -410 Sep 10 j 04:05   | o° my  |   | morning max el   | -409 Aug 12 j 02:00   | 24° <b>©</b> 50'51   | 17°57'09   |
| morning set   | -410 Sep 14 j 05:26   | 7° <b>™</b> 02'25  |   |  | -409 Aug 16 j 08:06   | $0^{\circ}\Omega$  |  |
|   |   |  |   | morning set  | -409 Aug 28 j 01:50   | 19° <b>Ω</b> 58'55   |  |
| superior conj   | -410 Sep 26 j 12:02   | 27° <b>m</b> 55'23   | 0°47'49   |  | -409 Sep 02 j 14:29   | 0° <b>m</b> ∕  |  |
| minimum elong   | -410 Sep 26 j 16:38   | 28° Mp 14'18   | 0°47'14   |  |   |  |  |
|   | -410 Sep 27 j 18:20   | 0∘ <b>⊽</b>  |   | superior conj  | -409 Sep 07 j 15:27   | 8° <b>m</b> 53'42  | 1°19'59  |
| max. Earth dist.  | -410 Oct 02 j 13:05   | 7° <b>≏</b> 44'47  | 1.43970 AU  | minimum elong  | -409 Sep 07 j 20:14   | 9° Mp 14′26  | 1°19'30  |
| desc. node  | -410 Oct 03 j 22:08   | 9° <b>≙</b> 56'43  |   | max. Earth dist.   | -409 Sep 15 j 01:18   | 21° <b>m</b> 25'14   | 1.42519 AU   |
| evening rise  | -410 Oct 12 j 07:44   | 23° <b>ჲ</b> 05'59   |   |  | -409 Sep 20 j 08:34   | 0∘ <b>亚</b>  |  |
|   | -410 Oct 16 j 19:49   | 0°M₊   |   | desc. node   | -409 Sep 20 j 19:09   | 0° <b>ჲ</b> 42'03  |  |
|   | -410 Nov 06 j 19:51   | 0° <b>∡</b> ¹  |   | evening rise   | -409 Sep 21 j 18:42   | 2° <b>≙</b> 15′09  |  |
| evening max el  | -410 Nov 09 j 23:15   | 3° <b>∡</b> ³32'13   | 20°44'17  |  | -409 Oct 10 j 07:49   | 0° <b>M</b> ₊  |  |
| retrograde  | -410 Nov 18 j 04:43   | 8° <b>∡</b> ¹24'16   |   | evening max el   | -409 Oct 23 j 19:12   | 17° <b>M</b> 01'03   | 21°57'35   |
| asc. node   | -410 Nov 20 j 22:55   | 7° <b>∡</b> ¹41'00   |   | retrograde   | -409 Nov 02 j 00:59   | 22°M30'42  |  |
| evening set   | -410 Nov 22 j 02:17   | 6° <b>∡</b> 757′10   |   | evening set  | -409 Nov 06 j 10:02   | 20°M46'34  |  |
| inferior conj   | -410 Nov 27 j 11:51   | 0° <b>∡</b> ¹47'36   |   | asc. node  | -409 Nov 07 j 19:57   | 19° <b>M</b> 27'59   |  |
| minimum elong   | -410 Nov 27 j 09:21   | 0° <b>∡</b> 56′07  | 2°05'47   | inferior conj  | -409 Nov 11 j 18:21   | 14° <b>M</b> 29'27   | 1°19'27  |
| min. Earth dist.  | -410 Nov 28 j 01:00   | 0° <b>∡</b> ′02'43   | 0.67217 AU  | minimum elong  | -409 Nov 11 j 16:37   | 14°M35'28  | 1°18'45  |
|   | -410 Nov 28 j 01:48   | 30°RM  |   | min. Earth dist.   | -409 Nov 11 j 20:23   | 14°M22'26  | 0.67588 AU   |
| morning rise  | -410 Dec 02 j 16:13   | 24°M33'51  |   | morning rise   | -409 Nov 16 j 23:02   | 8°M16'45   |  |
| direct  | -410 Dec 08 j 03:13   | 22°M10'15  |   | direct   | -409 Nov 21 j 18:52   | 6° <b>M</b> 15′01  |  |
| morning max el  | -410 Dec 19 j 04:48   | 28° <b>™</b> 46'27   | 24°13'26  | morning max el   | -409 Dec 01 j 14:47   | 12°M05'05  | 22°45'40   |
|   | -410 Dec 20 j 09:10   | 0° <b>∡</b> ¹  |   |  | -409 Dec 15 j 20:38   | 0° <b>∡</b> ¹  |  |
| desc. node  | -410 Dec 30 j 21:21   | 12° <b>∡</b> ′57′05  |   | desc. node   | -409 Dec 17 j 18:25   | 2° <b>∡</b> ′43′07   |  |
|   | -409 Jan 11 j 14:16   | 0° <b>ろ</b>  |   | _  | -408 Jan 04 j 11:35   | 0° <b>ろ</b>  |  |
| morning set   | -409 Jan 24 j 00:18   | 20°る19'35  |   | morning set  | -408 Jan 04 j 18:26   | 0°る28'10   |  |
| max. Earth dist.  | -409 Jan 27 j 18:12   |  | 1.38037 AU  | max. Earth dist.   | -408 Jan 09 j 13:47   | 8° <b>る</b> 31'55  | 1.40164 AU   |
|   |   |  |   |  |   |  |  |
|   | -409 Jan 29 j 10:45   | 0° <b>≈</b>  |   |  | 400 X 47:00 20  | 221512   | 1050101  |
|   |   |  | 1047120   | superior conj  | -408 Jan 17 j 08:38   | 22°る16'02  |  |
| superior conj   | -409 Feb 03 j 19:18   | 10°≈01'26  |   | superior conj<br>minimum elong   | -408 Jan 17 j 10:31   | 22° <b>る</b> 24'40   |  |
| minimum elong   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53  | 10°≈01'26<br>10°≈18'37   |   | minimum elong  | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08  | 22° <b>පි</b> 24'40<br>0°≈   |  |
|   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32  |   | minimum elong evening rise   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42   | 22° <b>ප්</b> 24'40<br>0°≈<br>10°≈36'19  |  |
| minimum elong<br>evening rise   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0°¥   |   | minimum elong  | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15  | 22°る24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27   |  |
| minimum elong evening rise asc. node  | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° €<br>5° € 38'44  | 1°46'09   | minimum elong evening rise asc. node   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09   | 22°♂24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0°升  | 1°58'57  |
| minimum elong evening rise asc. node evening max el   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0°¥<br>5°¥38'44<br>24°¥05'20  |   | minimum elong evening rise asc. node evening max el  | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28  | 22°₹24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0°¥<br>6°¥39'50  |  |
| minimum elong evening rise  asc. node evening max el retrograde   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0°¥<br>5°¥38'44<br>24°¥05'20<br>28°¥12'36   | 1°46'09   | minimum elong evening rise asc. node evening max el retrograde   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09   | 22° <b>♂</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° <b>光</b><br>6° <b>光</b> 39'50<br>10° <b>光</b> 18'42  | 1°58'57  |
| minimum elong evening rise  asc. node evening max el retrograde evening set   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0°¥<br>5°¥38'44<br>24°¥05'20<br>28°¥12'36<br>27°¥56'25  | 1°46′09<br>19°01′38   | minimum elong evening rise asc. node evening max el retrograde evening set   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48  | 22°♂24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0°¥<br>6°¥39'50<br>10°¥18'42<br>9°¥55'16   | 1°58'57<br>18°25'14  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₭<br>5° ₭38'44<br>24° ₭05'20<br>28° ₭12'36<br>27° ₭56'25<br>23° ₭42'14   | 1°46′09<br>19°01′38<br>2°18′19  | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07   | 22° <b>♂</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° <b>光</b><br>6° <b>光</b> 39'50<br>10° <b>光</b> 18'42<br>9° <b>光</b> 55'16<br>5° <b>光</b> 20'48  | 1°58'57<br>18°25'14<br>3°19'07   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ★<br>5° ★38'44<br>24° ★05'20<br>28° ★12'36<br>27° ★56'25<br>23° ★42'14<br>23° ★34'33   | 1°46'09<br>19°01'38<br>2°18'19<br>2°17'05   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07<br>-408 Feb 29 j 17:39  | 22° <b>♂</b> 24'40<br>0° <b>≈</b><br>10° <b>≈</b> 36'19<br>24° <b>≈</b> 40'27<br>0° <b>米</b><br>6° <b>米</b> 39'50<br>10° <b>米</b> 18'42<br>9° <b>米</b> 55'16<br>5° <b>米</b> 20'48<br>5° <b>米</b> 13'34   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ★<br>5° ★38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51   | 1°46′09<br>19°01′38<br>2°18′19  | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07<br>-408 Feb 29 j 17:39<br>-408 Mar 04 j 00:31   | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° ★<br>6° ★39'50<br>10° ★18'42<br>9° ★55'16<br>5° ★20'48<br>5° ★13'34<br>2° ★33'49   | 1°58'57<br>18°25'14<br>3°19'07   |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 09:36  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ★<br>5° ★38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32   | 1°46'09<br>19°01'38<br>2°18'19<br>2°17'05   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07<br>-408 Feb 29 j 17:39<br>-408 Mar 04 j 00:31<br>-408 Mar 07 j 20:01  | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0°¥<br>6°¥39'50<br>10°¥18'42<br>9°¥55'16<br>5°¥20'48<br>5°¥13'34<br>2°¥33'49<br>30°R≈   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node  | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 09:36<br>-409 Mar 28 j 20:29  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₩<br>5° ₩38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32<br>18° ₩30'07   | 1°46'09<br>19°01'38<br>2°18'19<br>2°17'05   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 17:39<br>-408 Mar 04 j 00:31<br>-408 Mar 07 j 20:01<br>-408 Mar 08 j 02:03  | 22° <b>♂</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° ★<br>6° ★39'50<br>10° ★18'42<br>9° ★55'16<br>5° ★20'48<br>5° ★13'34<br>2° ★33'49<br>30°R≈<br>29°≈51'52   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 09:36<br>-409 Mar 28 j 20:29<br>-409 Apr 02 j 13:24  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₩<br>5° ₩38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32<br>18° ₩30'07<br>17° ₩37'31   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct  | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07<br>-408 Feb 29 j 17:39<br>-408 Mar 04 j 00:31<br>-408 Mar 07 j 20:01<br>-408 Mar 08 j 02:03<br>-408 Mar 14 j 06:28  | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° ₩<br>6° ₩39'50<br>10° ₩18'42<br>9° ₩55'16<br>5° ₩20'48<br>5° ₩13'34<br>2° ₩33'49<br>30° R≈<br>29°≈51'52<br>28°≈11'57   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node  | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 20:29<br>-409 Mar 28 j 20:29<br>-409 Apr 02 j 13:24<br>-409 Apr 16 j 19:49   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₩<br>5° ₩38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32<br>18° ₩30'07<br>17° ₩37'31<br>25° ₩00'25   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07<br>-408 Feb 29 j 17:39<br>-408 Mar 04 j 00:31<br>-408 Mar 07 j 20:01<br>-408 Mar 08 j 02:03<br>-408 Mar 14 j 06:28<br>-408 Mar 14 j 17:32   | 22° <b>♂</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° <del>H</del><br>6° <del>H</del> 39'50<br>10° <del>H</del> 18'42<br>9° <del>H</del> 55'16<br>5° <del>H</del> 20'48<br>5° <del>H</del> 13'34<br>2° <del>H</del> 33'49<br>30° <del>R</del> ≈<br>29°≈51'52<br>28°≈11'57<br>28°≈12'31   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 20:29<br>-409 Apr 02 j 13:24<br>-409 Apr 16 j 19:49<br>-409 Apr 21 j 10:39   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₩<br>5° ₩38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32<br>18° ₩30'07<br>17° ₩37'31<br>25° ₩00'25<br>0° ♥   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node   | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07<br>-408 Feb 29 j 17:39<br>-408 Mar 04 j 00:31<br>-408 Mar 07 j 20:01<br>-408 Mar 08 j 02:03<br>-408 Mar 14 j 06:28<br>-408 Mar 14 j 17:32<br>-408 Mar 20 j 21:44  | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° ₩<br>6° ₩39'50<br>10° ₩18'42<br>9° ₩55'16<br>5° ₩20'48<br>5° ₩13'34<br>2° ₩33'49<br>30°≈≈<br>29°≈51'52<br>28°≈11'57<br>28°≈12'31<br>0° ₩   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 20:29<br>-409 Apr 02 j 13:24<br>-409 Apr 16 j 19:49<br>-409 Apr 21 j 10:39<br>-409 May 10 j 05:19  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₩<br>5° ₩38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32<br>18° ₩30'07<br>17° ₩37'31<br>25° ₩00'25<br>0° Ψ<br>0° ₩   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct  | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07<br>-408 Feb 29 j 17:39<br>-408 Mar 04 j 00:31<br>-408 Mar 07 j 20:01<br>-408 Mar 08 j 02:03<br>-408 Mar 14 j 17:32<br>-408 Mar 20 j 21:44<br>-408 Mar 28 j 14:13  | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° ₩<br>6° ₩39'50<br>10° ₩18'42<br>9° ₩55'16<br>5° ₩20'48<br>5° ₩33'49<br>30°≈≈<br>29°≈51'52<br>28°≈11'57<br>28°≈12'31<br>0° ₩<br>5° ₩51'36   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 20:29<br>-409 Apr 02 j 13:24<br>-409 Apr 16 j 19:49<br>-409 Apr 21 j 10:39<br>-409 May 10 j 05:19<br>-409 May 14 j 05:58   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0°₩<br>5°₩38'44<br>24°₩05'20<br>28°₩12'36<br>27°₩56'25<br>23°₩42'14<br>23°₩34'33<br>21°₩31'51<br>18°₩40'32<br>18°₩30'07<br>17°₩37'31<br>25°₩00'25<br>0°Ψ<br>0°₩<br>8°₩14'05   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  | -408 Jan 17 j 10:31<br>-408 Jan 21 j 13:08<br>-408 Jan 27 j 03:42<br>-408 Feb 03 j 19:15<br>-408 Feb 07 j 02:09<br>-408 Feb 12 j 09:28<br>-408 Feb 19 j 19:09<br>-408 Feb 22 j 06:48<br>-408 Feb 29 j 14:07<br>-408 Feb 29 j 17:39<br>-408 Mar 04 j 00:31<br>-408 Mar 07 j 20:01<br>-408 Mar 08 j 02:03<br>-408 Mar 14 j 17:32<br>-408 Mar 14 j 17:32<br>-408 Mar 20 j 21:44<br>-408 Mar 28 j 14:13<br>-408 Apr 15 j 11:20  | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° ₩<br>6° ₩39'50<br>10° ₩18'42<br>9° ₩55'16<br>5° ₩20'48<br>5° ₩13'34<br>2° ₩33'49<br>30° R≈<br>29°≈51'52<br>28°≈11'57<br>28°≈12'31<br>0° ₩<br>5° ₩51'36<br>0° Ψ   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 12 j 00:59<br>-409 Mar 20 j 02:25<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 20:29<br>-409 Apr 02 j 13:24<br>-409 Apr 16 j 19:49<br>-409 Apr 21 j 10:39<br>-409 May 10 j 05:19  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₩<br>5° ₩38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32<br>18° ₩30'07<br>17° ₩37'31<br>25° ₩00'25<br>0° Ψ<br>0° ₩   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU                                   | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node   | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 27 j 16:05   | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0°¥<br>6°¥39'50<br>10°¥18'42<br>9°¥55'16<br>5°¥20'48<br>5°¥13'34<br>2°¥33'49<br>30°R≈<br>29°≈51'52<br>28°≈12'31<br>0°¥<br>5°¥51'36<br>0°Y<br>23°Y06'28  | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node   | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 16 j 22:13 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 23 j 05:29 -409 Mar 28 j 09:36 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 14 j 05:58 -409 May 15 j 21:31   | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₩<br>5° ₩38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32<br>18° ₩30'07<br>17° ₩37'31<br>25° ₩00'25<br>0° Ψ<br>0° ₩<br>8° ₩14'05<br>11° ₩44'09  | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU<br>25°39′14                       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el morning set  | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 30 j 21:47   | 22°324'40 0°≈ 10°≈36'19 24°≈40'27 0°¥ 6°¥39'50 10°¥18'42 9°¥55'16 5°¥20'48 5°¥13'34 2°¥33'49 30°R≈ 29°≈51'52 28°≈12'31 0°¥ 5°¥51'36 0°Ψ 23°Ψ06'28 0°♥  | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj   | -409 Feb 03 j 19:18<br>-409 Feb 03 j 22:53<br>-409 Feb 12 j 13:57<br>-409 Feb 13 j 23:50<br>-409 Feb 16 j 22:13<br>-409 Mar 01 j 05:06<br>-409 Mar 09 j 18:28<br>-409 Mar 20 j 00:59<br>-409 Mar 20 j 06:48<br>-409 Mar 23 j 05:29<br>-409 Mar 28 j 20:29<br>-409 Mar 28 j 20:29<br>-409 Apr 02 j 13:24<br>-409 Apr 16 j 19:49<br>-409 Apr 21 j 10:39<br>-409 May 10 j 05:19<br>-409 May 15 j 21:31<br>-409 May 21 j 05:51  | 10°≈01'26<br>10°≈18'37<br>27°≈13'32<br>0° ₩<br>5° ₩38'44<br>24° ₩05'20<br>28° ₩12'36<br>27° ₩56'25<br>23° ₩42'14<br>23° ₩34'33<br>21° ₩31'51<br>18° ₩40'32<br>18° ₩30'07<br>17° ₩37'31<br>25° ₩00'25<br>0° Ψ<br>0° ₩<br>8° ₩14'05<br>11° ₩44'09<br>23° ₩22'14                            | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU<br>25°39′14                       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 27 j 16:05   | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0°¥<br>6°¥39'50<br>10°¥18'42<br>9°¥55'16<br>5°¥20'48<br>5°¥13'34<br>2°¥33'49<br>30°R≈<br>29°≈51'52<br>28°≈12'31<br>0°¥<br>5°¥51'36<br>0°Y<br>23°Y06'28  | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong  | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 23 j 05:29 -409 Mar 28 j 20:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 15 j 21:31 -409 May 21 j 05:51 -409 May 21 j 03:45   | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩31'51 18° ₩40'32 18° ₩30'07 17° ₩37'31 25° ₩00'25 0° Ψ 0° ₩ 8° ₩14'05 11° ₩44'09 23° ₩22'14 23° ₩10'44   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU<br>25°39′14<br>0°53′49<br>0°53′26 | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el morning set  | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 27 j 16:05 -408 Apr 30 j 21:47 -408 May 01 j 18:34   | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° ₩<br>6° ₩39'50<br>10° ₩18'42<br>9° ₩55'16<br>5° ₩20'48<br>5° ₩33'49<br>30°R≈<br>29°≈51'52<br>28°≈11'57<br>28°≈12'31<br>0° ₩<br>5° ₩51'36<br>0° Ψ<br>23° Ψ06'28<br>0° ₩<br>1° ₩52'45  | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU<br>26°54'55  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj   | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 23 j 05:29 -409 Mar 28 j 20:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 15 j 21:31 -409 May 21 j 05:51 -409 May 21 j 03:45 -409 May 22 j 02:09   | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩34'33 21° ₩31'51 18° ₩40'32 18° ₩30'07 17° ₩37'31 25° ₩00'25 0° Ψ 0° ੴ 8° ੴ14'05 11° ੴ44'09 23° ੴ22'14 23° ੴ10'44 25° ੴ13'11   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU<br>25°39′14                       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el morning set asc. node  | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 30 j 21:47 -408 May 01 j 18:34   | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° ₩<br>6° ₩39'50<br>10° ₩18'42<br>9° ₩55'16<br>5° ₩20'48<br>5° ₩33'49<br>30° №≈<br>29°≈51'52<br>28°≈11'57<br>28°≈12'31<br>0° ₩<br>5° ₩51'36<br>0° Ψ<br>23° Ψ06'28<br>0° ₩<br>1° ₩52'45   | 1°58'57  18°25'14  3°19'07 3°18'30 0.58850 AU  26°54'55  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist.  | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 20 j 06:48 -409 Mar 28 j 20:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 15 j 21:31 -409 May 21 j 05:51 -409 May 21 j 03:45 -409 May 22 j 02:09 -409 May 24 j 07:00   | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩31'51 18° ₩40'32 18° ₩30'07 17° ₩37'31 25° ₩00'25 0° Ψ 0° ₩ 8° ₩14'05 11° ₩44'09 23° ₩22'14 23° ₩10'44 25° ₩13'11 0° Щ   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU<br>25°39′14<br>0°53′49<br>0°53′26 | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el morning set asc. node superior conj minimum elong  | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 30 j 21:47 -408 May 04 j 17:36 -408 May 04 j 17:36   | 22° <b>3</b> 24'40<br>0°≈<br>10°≈36'19<br>24°≈40'27<br>0° <del>H</del><br>6° <del>H</del> 339'50<br>10° <del>H</del> 18'42<br>9° <del>H</del> 55'16<br>5° <del>H</del> 20'48<br>5° <del>H</del> 13'34<br>2° <del>H</del> 33'49<br>30° <del>R</del> ≈<br>29°≈51'52<br>28°≈11'57<br>28°≈12'31<br>0° <del>H</del><br>5° <del>H</del> 51'36<br>0° <del>Y</del><br>23° <b>Y</b> 06'28<br>0° <del>B</del><br>1° <del>B</del> 52'45<br>8° <del>B</del> 21'33<br>8° <del>B</del> 14'15 | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU<br>26°54'55<br>0°30'52<br>0°30'52<br>0°30'36               |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node  superior conj minimum elong  | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 02:25 -409 Mar 28 j 09:36 -409 Mar 28 j 20:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 14 j 05:58 -409 May 21 j 05:51 -409 May 21 j 03:45 -409 May 22 j 02:09 -409 May 24 j 07:00 -409 May 28 j 07:47   | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩31'51 18° ₩40'32 18° ₩30'07 17° ₩37'31 25° ₩00'25 0° Ψ 0° ₩ 8° ₩14'05 11° ₩44'09 23° ₩22'14 23° ₩10'44 25° ₩13'11 0° Ш 8° ∭31'45   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU<br>25°39′14<br>0°53′49<br>0°53′26 | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  morning rise direct desc. node morning max el morning set asc. node superior conj minimum elong max. Earth dist.  | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 04 j 00:31 -408 Mar 14 j 06:28 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 30 j 21:47 -408 May 04 j 18:34 -408 May 04 j 16:17 -408 May 04 j 16:17 -408 May 04 j 16:17   | 22°\( \frac{2}{2}\)24'40 0°\( \infty\) 10°\( \infty\)36'19 24°\( \infty\)40'27 0°\( \infty\) 6°\( \frac{2}{3}\)39'50 10°\( \frac{2}{3}\)31'49 30°\( \frac{2}{3}\)31'49 30°\( \frac{2}{3}\)31'57 28°\( \infty\)15'52 28°\( \infty\)15'52 28°\( \infty\)15'52 28°\( \infty\)15'52 28°\( \infty\)15'36 0°\( \frac{2}{3}\)9'\( \frac{2}{3}\)4'15 8°\( \frac{2}{3}\)14'15 8°\( \frac{2}{3}\)4'34  | 1°58'57  18°25'14  3°19'07 3°18'30 0.58850 AU  26°54'55  |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise                           | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 23 j 05:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 14 j 05:58 -409 May 21 j 05:51 -409 May 21 j 03:45 -409 May 22 j 02:09 -409 May 24 j 07:00 -409 May 28 j 07:47 -409 Jun 08 j 16:07   | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩31'51 18° ₩40'32 18° ₩30'07 17° ₩37'31 25° ₩00'25 0° Ψ 0° ₩ 8° ₩14'05 11° ₩44'09 23° ₩22'14 23° ₩13'11 0° Щ 8° ∭31'45 0° \$\mathref{G}\$   | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU<br>25°39′14<br>0°53′49<br>0°53′26 | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el morning set asc. node superior conj minimum elong  | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 14 j 06:28 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 30 j 21:47 -408 May 04 j 17:36 -408 May 04 j 16:17 -408 May 04 j 16:17 -408 May 04 j 14:53 -408 May 04 j 11:551  | 22°324'40 0°\$ 10°\$36'19 24°\$40'27 0°\$ 6°\$39'50 10°\$18'42 9°\$55'16 5°\$20'48 5°\$13'34 2°\$33'49 30°\$\$ 29°\$51'52 28°\$11'57 28°\$12'31 0°\$\$ 5°\$51'36 0°\$\$ 23°\$706'28 0°\$\$ 1°\$52'45   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU<br>26°54'55<br>0°30'52<br>0°30'52<br>0°30'36               |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node                | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 23 j 05:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 14 j 05:58 -409 May 15 j 21:31 -409 May 21 j 05:51 -409 May 21 j 03:45 -409 May 22 j 02:09 -409 May 28 j 07:47 -409 Jun 08 j 16:07 -409 Jun 08 j 16:07                     | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩34'33 21° ₩31'51 18° ₩40'32 18° ₩30'07 17° ₩37'31 25° ₩00'25 0° ϒ 0° ੴ 8° ੴ14'05 11° ⑥44'09 23° №22'14 23° №10'44 25° №13'11 0° Ⅲ 8° Ⅲ31'45 0° © 23° ©07'33                                | 1°46'09  19°01'38  2°18'19 2°17'05 0.56935 AU  25°39'14  0°53'49 0°53'26 1.32657 AU       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  morning rise direct desc. node morning max el morning set asc. node superior conj minimum elong max. Earth dist.  | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 14 j 17:32 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 30 j 21:47 -408 May 04 j 16:17 -408 May 04 j 16:17 -408 May 04 j 16:17 -408 May 11 j 15:51 -408 May 14 j 21:36   | 22° <b>3</b> 24'40 0°≈ 10°≈36'19 24°≈40'27 0° <b> €</b> 6° <b> €</b> 39'50 10° <b> €</b> 18'42 9° <b> €</b> 55'16 5° <b> €</b> 20'48 5° <b> €</b> 13'34 2° <b> €</b> 33'49 30° <b> €</b> ≈ 29°≈51'52 28°≈11'57 28°≈12'31 0° <b> €</b> 5° <b> €</b> 21'33 8° <b> €</b> 21'33 8° <b> €</b> 21'33 8° <b> €</b> 314'15 8° <b> €</b> 306'34 23° <b> €</b> 21'00 0° <b> Ⅱ</b>  | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU<br>26°54'55<br>0°30'52<br>0°30'52<br>0°30'36               |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise                           | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 23 j 05:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 14 j 05:58 -409 May 15 j 21:31 -409 May 21 j 03:45 -409 May 22 j 02:09 -409 May 28 j 07:47 -409 Jun 08 j 16:07 -409 Jun 28 j 21:08   | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩31'51 18° ₩40'32 18° ₩30'07 17° ₩37'31 25° ₩00'25 0° ϒ 0° ₩ 8° ₩14'05 11° ₩44'09 23° ₩22'14 23° ₩13'14 0° Ⅲ 8° Ⅲ31'45 0° \$\mathref{c}\$ 23° \$\mathref{c}\$07'33 27° \$\mathref{c}\$21'48 | 1°46′09<br>19°01′38<br>2°18′19<br>2°17′05<br>0.56935 AU<br>25°39′14<br>0°53′49<br>0°53′26 | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  morning rise direct desc. node morning max el morning set asc. node superior conj minimum elong max. Earth dist. evening rise                           | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 15 j 11:20 -408 Apr 30 j 21:47 -408 May 04 j 16:17 -408 May 04 j 16:17 -408 May 04 j 16:17 -408 May 04 j 15:51 -408 May 14 j 21:36 -408 May 14 j 21:36 -408 May 11 j 15:51 -408 May 14 j 21:36 -408 Jun 01 j 20:27 | 22°324'40 0°≈ 10°≈36'19 24°≈40'27 0° € 6° € 39'50 10° € 18'42 9° € 55'16 5° € 20'48 5° € 13'34 2° € 33'49 30° € 29°≈51'52 28°≈11'57 28°≈12'31 0° € 5° € 52'45 8° € 21'33 8° € 14'15 8° € 306'34 23° € 21'00 0° Ⅲ 0° €  | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU<br>26°54'55<br>0°30'52<br>0°30'52<br>0°30'36<br>1.32367 AU |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node                | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 23 j 05:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 15 j 21:31 -409 May 21 j 05:51 -409 May 21 j 03:45 -409 May 22 j 02:09 -409 May 28 j 07:47 -409 Jun 08 j 16:07 -409 Jun 28 j 21:08 -409 Jul 01 j 21:35                     | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩30'07 17° ₩37'31 25° ₩00'25 0° Ψ 0° ₩ 8° ₩14'05 11° ₩44'09 23° ₩22'14 23° ₩10'44 25° ₩131'45 0° \$\mathref{a}\$ 23° \$\mathref{a}\$07'33 27° \$\mathref{a}\$21'48 0° \$\mathref{a}\$       | 1°46'09  19°01'38  2°18'19 2°17'05 0.56935 AU  25°39'14  0°53'49 0°53'26 1.32657 AU       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  morning rise direct desc. node morning max el morning set asc. node superior conj minimum elong max. Earth dist. evening rise evening max el            | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 27 j 16:05 -408 Apr 30 j 21:47 -408 May 01 j 18:34 -408 May 04 j 17:36 -408 May 04 j 17:36 -408 May 04 j 17:36 -408 May 11 j 15:51 -408 May 11 j 15:51 -408 May 11 j 20:27 -408 Jun 01 j 20:27 -408 Jun 09 j 22:22 | 22°324'40 0°≈ 10°≈36'19 24°≈40'27 0° € 6° € 39'50 10° € 18'42 9° € 55'16 5° € 20'48 5° € 13'34 2° € 33'49 30° € 29°≈51'52 28°≈12'31 0° € 5° € 51'36 0° ♥ 23° ♥ 06'28 0° ₺ 1° ₺ 52'45 8° ₺ 21'33 8° ₺ 14'15 8° ₺ 21'00 0° Ⅱ 0° € 9° € 15'09   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU<br>26°54'55<br>0°30'52<br>0°30'52<br>0°30'36               |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node evening max el | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 20 j 02:25 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 20 j 06:48 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 14 j 05:58 -409 May 15 j 21:31 -409 May 21 j 03:45 -409 May 22 j 02:09 -409 May 28 j 07:47 -409 Jun 08 j 16:07 -409 Jun 28 j 21:08 -409 Jul 01 j 21:35 -409 Jul 12 j 18:28 | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩31'51 18° ₩30'07 17° ₩37'31 25° ₩00'25 0° Ψ 0° ੴ 8° ੴ14'05 11° ⑥44'09 23° №22'14 23° №10'44 25° №131'45 0° © 23° ©07'33 27° ©21'48 0° \$\mathref{Q}\$ 4° \$\mathref{Q}\$39'27              | 1°46'09  19°01'38  2°18'19 2°17'05 0.56935 AU  25°39'14  0°53'49 0°53'26 1.32657 AU       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  morning rise direct desc. node morning max el morning set asc. node superior conj minimum elong max. Earth dist. evening rise evening max el desc. node | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 14 j 17:32 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 27 j 16:05 -408 Apr 30 j 21:47 -408 May 01 j 18:34 -408 May 04 j 17:36 -408 May 04 j 17:36 -408 May 11 j 15:51 -408 May 14 j 21:36 -408 Jun 01 j 20:27 -408 Jun 09 j 22:22 -408 Jun 10 j 16:47   | 22°324'40 0°≈ 10°≈36'19 24°≈40'27 0°¥ 6°¥39'50 10°¥18'42 9°¥55'16 5°¥20'48 5°¥13'34 2°¥33'49 30°₹≈ 29°≈51'52 28°≈11'57 28°≈12'31 0°¥ 5°¥51'36 0°Y 23°Y06'28 0°¥ 1°∀52'45 8°∀21'33 8°∀14'15 8°∀06'34 23°∀21'00 0°Ⅱ 0°© 9°©515'09 9°©558'07  | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU<br>26°54'55<br>0°30'52<br>0°30'52<br>0°30'36<br>1.32367 AU |
| minimum elong evening rise  asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist. morning rise desc. node direct morning max el  morning set asc. node superior conj minimum elong max. Earth dist. evening rise desc. node                | -409 Feb 03 j 19:18 -409 Feb 03 j 22:53 -409 Feb 12 j 13:57 -409 Feb 13 j 23:50 -409 Feb 16 j 22:13 -409 Mar 01 j 05:06 -409 Mar 09 j 18:28 -409 Mar 12 j 00:59 -409 Mar 20 j 02:25 -409 Mar 20 j 06:48 -409 Mar 23 j 05:29 -409 Mar 28 j 20:29 -409 Apr 02 j 13:24 -409 Apr 16 j 19:49 -409 Apr 21 j 10:39 -409 May 10 j 05:19 -409 May 15 j 21:31 -409 May 21 j 05:51 -409 May 21 j 03:45 -409 May 22 j 02:09 -409 May 28 j 07:47 -409 Jun 08 j 16:07 -409 Jun 28 j 21:08 -409 Jul 01 j 21:35                     | 10°≈01'26 10°≈18'37 27°≈13'32 0° ₩ 5° ₩38'44 24° ₩05'20 28° ₩12'36 27° ₩56'25 23° ₩42'14 23° ₩30'07 17° ₩37'31 25° ₩00'25 0° Ψ 0° ₩ 8° ₩14'05 11° ₩44'09 23° ₩22'14 23° ₩10'44 25° ₩131'45 0° \$\mathref{a}\$ 23° \$\mathref{a}\$07'33 27° \$\mathref{a}\$21'48 0° \$\mathref{a}\$       | 1°46'09  19°01'38  2°18'19 2°17'05 0.56935 AU  25°39'14  0°53'49 0°53'26 1.32657 AU       | minimum elong evening rise asc. node evening max el retrograde evening set inferior conj minimum elong min. Earth dist.  morning rise direct desc. node morning max el morning set asc. node superior conj minimum elong max. Earth dist. evening rise evening max el            | -408 Jan 17 j 10:31 -408 Jan 21 j 13:08 -408 Jan 27 j 03:42 -408 Feb 03 j 19:15 -408 Feb 07 j 02:09 -408 Feb 12 j 09:28 -408 Feb 19 j 19:09 -408 Feb 22 j 06:48 -408 Feb 29 j 14:07 -408 Feb 29 j 17:39 -408 Mar 04 j 00:31 -408 Mar 07 j 20:01 -408 Mar 08 j 02:03 -408 Mar 14 j 17:32 -408 Mar 14 j 17:32 -408 Mar 20 j 21:44 -408 Mar 28 j 14:13 -408 Apr 27 j 16:05 -408 Apr 30 j 21:47 -408 May 01 j 18:34 -408 May 04 j 17:36 -408 May 04 j 17:36 -408 May 04 j 17:36 -408 May 11 j 15:51 -408 May 11 j 15:51 -408 May 11 j 20:27 -408 Jun 01 j 20:27 -408 Jun 09 j 22:22 | 22°324'40 0°≈ 10°≈36'19 24°≈40'27 0° € 6° € 39'50 10° € 18'42 9° € 55'16 5° € 20'48 5° € 13'34 2° € 33'49 30° € 29°≈51'52 28°≈12'31 0° € 5° € 51'36 0° ♥ 23° ♥ 06'28 0° ₺ 1° ₺ 52'45 8° ₺ 21'33 8° ₺ 14'15 8° ₺ 21'00 0° Ⅱ 0° € 9° € 15'09   | 1°58'57<br>18°25'14<br>3°19'07<br>3°18'30<br>0.58850 AU<br>26°54'55<br>0°30'52<br>0°30'52<br>0°30'36<br>1.32367 AU |

| •                               | ical year style is used: The               |                                  | •           | · · · · · · · · · · · · · · · · · · · | 901 BCE in historical cou                  |                                   | 50 204      |
|---------------------------------|--|----------------------------------|-------------|---------------------------------------|--|-----------------------------------|-------------|
| min. Earth dist.                | -408 Jul 04 j 11:28                        | -                                | 0.59688 AU  | evening set                           | -407 Jun 11 j 02:23                        | 26° <b>Ⅲ</b> 24'17                |             |
| inferior conj                   | -408 Jul 07 j 19:41                        | 9° <b>5</b> 28'04                | -4°40'32    | min. Earth dist.                      | -407 Jun 16 j 04:18                        | 23° <b>II</b> 37'22               | 0.57684 AU  |
| minimum elong                   | -408 Jul 07 j 21:17                        | 9° <b>5</b> 24'54                | 4°40'26     | inferior conj                         | -407 Jun 19 j 06:50                        | 21° <b>Ⅱ</b> 30'44                | -4°35'52    |
| morning rise                    | -408 Jul 15 j 09:41                        | 4°953'08                         |             | minimum elong                         | -407 Jun 19 j 04:06                        | 21° <b>Ⅲ</b> 35′24                | 4°35'38     |
| direct                          | -408 Jul 17 j 21:36                        | 4° <b>9</b> 30'47                |             | morning rise                          | -407 Jun 27 j 08:33                        | 17° <b>Ⅱ</b> 17'52                |             |
| morning max el                  | -408 Jul 25 j 12:15                        | 8° <b>©</b> 11'02                | 18°19'11    | direct                                | -407 Jun 29 j 21:56                        | 16° <b>Ⅱ</b> 58′24                |             |
| asc. node                       | -408 Jul 28 j 17:49                        | 11° <b>9</b> 50'50               |             | morning max el                        | -407 Jul 08 j 15:16                        | 21° <b>Ⅱ</b> 03'15                | 19°01'52    |
|                                 | -408 Aug 08 j 14:37                        | $0^{\circ}\Omega$                |             | asc. node                             | -407 Jul 15 j 14:53                        | 29° <b>Ⅲ</b> 56′08                |             |
| morning set                     | -408 Aug 10 j 12:33                        | 3° <b>Ω</b> 37'37                |             |                                       | -407 Jul 15 j 15:52                        | $0$ $\circ$                       |             |
|                                 |  |                                  |             | morning set                           | -407 Jul 25 j 09:22                        | 17° <b>5</b> 46'23                |             |
| superior conj                   | -408 Aug 19 j 19:38                        | 21° <b>Ω</b> 06′02               |             |                                       | -407 Jul 31 j 14:04                        | $0^{\circ}\Omega$                 |             |
| minimum elong                   | -408 Aug 19 j 22:33                        | 21° <b>Ω</b> 19'21               | 1°38'54     |                                       |  |                                   |             |
|                                 | -408 Aug 24 j 18:52                        | 0° <b>m</b>                      |             | superior conj                         | -407 Aug 02 j 18:51                        |                                   |             |
| max. Earth dist.                | -408 Aug 27 j 08:20                        | 4° Mp 26′22                      | 1.40667 AU  | minimum elong                         | -407 Aug 02 j 19:34                        | 4° <b>Ω</b> 19'11                 | 1°46'53     |
| evening rise                    | -408 Sep 01 j 00:51                        | 12° Mp 18'39                     |             | max. Earth dist.                      | -407 Aug 09 j 11:31                        | 16° <b>Ω</b> 44'22                | 1.38651 AU  |
| desc. node                      | -408 Sep 06 j 16:10                        | 21°m/22'31                       |             | evening rise                          | -407 Aug 13 j 07:53                        | 23° <b>Ω</b> 32′25                |             |
|                                 | -408 Sep 12 j 06:53                        | 0∘ <b>ত</b>                      |             |                                       | -407 Aug 17 j 03:11                        | 0°Щ                               |             |
|                                 | -408 Oct 04 j 21:47                        | 0°M                              |             | desc. node                            | -407 Aug 24 j 13:12                        | 11° m 53'38                       |             |
| evening max el                  | -408 Oct 05 j 10:15                        | 0°M31'40                         | 23°16'57    |                                       | -407 Sep 06 j 02:04                        | 0∘ <b>⊽</b>                       |             |
| retrograde                      | -408 Oct 15 j 18:34                        | 6°M39'00                         |             | evening max el                        | -407 Sep 17 j 22:17                        | 14° <b>£</b> 05'08                | 24°36'18    |
| evening set                     | -408 Oct 20 j 16:55                        | 4°M36'40                         |             | retrograde                            | -407 Sep 29 j 08:27                        | 20° <b>£</b> 45′29                |             |
| asc. node                       | -408 Oct 24 j 17:01                        | 0°M05'55                         |             | evening set                           | -407 Oct 04 j 21:16                        | 18° <b>≏</b> 25'19                |             |
|                                 | -408 Oct 24 j 18:47                        | 30° <b>R≏</b>                    |             | min. Earth dist.                      | -407 Oct 09 j 12:25                        | 13° <b>≏</b> 07'07                | 0.67354 AU  |
| min. Earth dist.                | -408 Oct 25 j 16:59                        |                                  | 0.67632 AU  | inferior conj                         | -407 Oct 10 j 07:21                        | 12° <b>£</b> 04'00                |             |
| inferior conj                   | -408 Oct 26 j 01:26                        | 28° <b>£</b> 15'33               |             | minimum elong                         | -407 Oct 10 j 08:00                        | 12° <b>£</b> 01'50                | 0°26'15     |
| minimum elong                   | -408 Oct 26 j 00:46                        | 28° <b>£</b> 17'48               | 0°27'37     | asc. node                             | -407 Oct 11 j 14:05                        | 10° <b>£</b> 22'49                |             |
| morning rise                    | -408 Oct 31 j 08:33                        | 22° <b>£</b> 06'14               |             | morning rise                          | -407 Oct 15 j 18:48                        | 6° <b>£</b> 00'37                 |             |
| direct                          | -408 Nov 04 j 13:59                        | 20° <b>£</b> 27'06               | 2102224     | direct                                | -407 Oct 19 j 11:28                        | 4° <b>£</b> 42'11                 | 20000124    |
| morning max el                  | -408 Nov 13 j 06:03                        | 25° <b>£</b> 31'49               | 21°22'24    | morning max el                        | -407 Oct 27 j 04:47                        | 9° <b>亞</b> 09'01                 | 20°09'34    |
|                                 | -408 Nov 17 j 05:41                        | 0°M                              |             | 1 1                                   | -407 Nov 11 j 18:34                        | 0°M                               |             |
| desc. node                      | -408 Dec 03 j 15:28                        | 22°M51'33                        |             | desc. node                            | -407 Nov 20 j 12:31                        | 13°M15'56                         |             |
|                                 | -408 Dec 08 j 08:44                        | 0° <b>₰</b><br>9° <b>₰</b> 16'31 |             | morning set                           | -407 Nov 23 j 05:09                        | 17° <b>M</b> 25'01<br>0° <b>√</b> |             |
| morning set<br>max. Earth dist. | -408 Dec 14 j 08:02<br>-408 Dec 21 j 15:39 | 21° <b>₹</b> ′1031               | 1 42160 ATT | max. Earth dist.                      | -407 Dec 01 j 06:12<br>-407 Dec 04 j 01:00 |                                   | 1 42747 ATT |
| max. Earth dist.                | ,  | 0°る                              | 1.42160 AU  | max. Earth dist.                      | -407 Dec 04 J 01:00                        | 4° <b>≯</b> 25'56                 | 1.43747 AU  |
|                                 | -408 Dec 27 j 00:04                        | 0.5                              |             | superior conj                         | -407 Dec 09 j 14:07                        | 13° <b>∡</b> ¹24'55               | 1945102     |
| superior conj                   | -408 Dec 29 j 00:29                        | 3° <b>ට</b> 27'17                | -2°00'01    | minimum elong                         | -407 Dec 09 j 07:34                        | 13 × 24 33<br>12° × 58'03         |             |
| minimum elong                   | -408 Dec 28 j 22:38                        | 3°る2717                          |             | minimum clong                         | -407 Dec 19 j 11:22                        | 12 × 36 03                        | 1 44 34     |
| evening rise                    | -407 Jan 09 j 04:32                        | 23°පි19'10                       | 2 00 00     | evening rise                          | -407 Dec 13 j 11:22                        | 5° <b>ට</b> 13'34                 |             |
| evening rise                    | -407 Jan 12 j 21:05                        | 0°≈                              |             | evening rise                          | -406 Jan 06 j 19:49                        | 0°≈                               |             |
| asc. node                       | -407 Jan 20 j 16:19                        | 13°≈09'01                        |             | asc. node                             | -406 Jan 07 j 13:22                        | 0°≈54'20                          |             |
| evening max el                  | -407 Jan 25 j 19:18                        | 19° <b>≈</b> 37'47               | 18°08'46    | evening max el                        | -406 Jan 09 j 07:39                        | 2°≈51'23                          | 18°11'45    |
| retrograde                      | -407 Feb 01 j 13:04                        | 23°≈04'15                        | 10 00 10    | retrograde                            | -406 Jan 15 j 19:38                        | 6°≈18'53                          | 10 11 15    |
| evening set                     | -407 Feb 04 j 05:08                        | 22° <b>≈</b> 32'14               |             | evening set                           | -406 Jan 18 j 15:58                        | 5°≈37'24                          |             |
| inferior conj                   | -407 Feb 10 j 21:35                        | 17°≈36′20                        | 3°47'16     | inferior conj                         | -406 Jan 24 j 21:04                        | 0° <b>≈</b> 21'17                 | 3°50'28     |
| minimum elong                   | -407 Feb 10 j 22:51                        | 17° <b>≈</b> 33'19               | 3°47'11     | minimum elong                         | -406 Jan 24 j 20:15                        | 0°≈23'28                          | 3°50'26     |
| min. Earth dist.                | -407 Feb 14 j 02:00                        | 14° <b>≈</b> 36'48               | 0.60945 AU  |                                       | -406 Jan 25 j 04:59                        | 30°Ŗる                             |             |
| morning rise                    | -407 Feb 17 j 14:59                        | 11° <b>≈</b> 48'44               |             | min. Earth dist.                      | -406 Jan 27 j 12:31                        | 27° <b>る</b> 32'07                | 0.62926 AU  |
| direct                          | -407 Feb 24 j 10:32                        | 9° <b>≈</b> 32'51                |             | morning rise                          | -406 Jan 30 j 23:37                        | 24° <b>පි</b> 22'06               |             |
| desc. node                      | -407 Mar 01 j 14:36                        | 10° <b>≈</b> 43'57               |             | direct                                | -406 Feb 06 j 23:44                        | 21° <b>る</b> 40'38                |             |
| morning max el                  | -407 Mar 10 j 15:03                        | 17° <b>≈</b> 21'28               | 27°38'30    | desc. node                            | -406 Feb 16 j 11:40                        | 25° <b>る</b> 38'52                |             |
| -                               | -407 Mar 21 j 03:30                        | 0° <b>∀</b>                      |             | morning max el                        | -406 Feb 20 j 21:28                        | 29° <b>ට</b> 32'31                | 27°45'07    |
|                                 | -407 Apr 08 j 01:43                        | $0^{\circ}\mathbf{\Upsilon}$     |             |                                       | -406 Feb 21 j 08:25                        | 0° <b>≈</b>                       |             |
| morning set                     | -407 Apr 11 j 22:38                        | 7° <b>Ƴ</b> 45'47                |             |                                       | -406 Mar 15 j 01:23                        | 0° <b>)</b> €                     |             |
| max. Earth dist.                | -407 Apr 18 j 03:03                        | 20° <b>Ƴ</b> 55'19               | 1.32442 AU  | morning set                           | -406 Mar 26 j 23:27                        | 22° <b>)</b> €04'53               |             |
| asc. node                       | -407 Apr 18 j 15:37                        | 22° <b>Y</b> 03'50               |             |                                       | -406 Mar 30 j 19:46                        | $0^{\circ}\mathbf{\Upsilon}$      |             |
|                                 |  |                                  |             | max. Earth dist.                      | -406 Apr 01 j 10:36                        | 3° <b>Y</b> 25'31                 | 1.32904 AU  |
| superior conj                   | -407 Apr 19 j 04:45                        | 23° <b>Y</b> 15'39               | 0°05'49     |                                       |  |                                   |             |
| minimum elong                   | -407 Apr 19 j 04:29                        | 23° <b>Y</b> 14'12               | 0°05'45     | superior conj                         | -406 Apr 03 j 13:37                        | 7° <b>Y</b> 59'10                 | -0°20'35    |
| behind sun begin                | -407 Apr 18 j 23:45                        | 22° <b>Y</b> 48'16               |             | minimum elong                         | -406 Apr 03 j 14:36                        | 8° <b>Y</b> 04'26                 | 0°20'23     |
| behind sun end                  | -407 Apr 19 j 09:14                        | 23° <b>Y</b> 40'08               |             | asc. node                             | -406 Apr 05 j 12:40                        | 12° <b>Y</b> 13'41                |             |
|                                 | -407 Apr 22 j 06:41                        | $9^{\circ}$ 8                    |             | evening rise                          | -406 Apr 10 j 14:33                        | 23° <b>Y</b> 08'49                |             |
| evening rise                    | -407 Apr 26 j 02:43                        | 8° <b>8</b> 15'27                |             |                                       | -406 Apr 13 j 22:08                        | 0°8                               |             |
|                                 | -407 May 07 j 10:48                        | $\Pi^{\circ}0$                   |             |                                       | -406 May 03 j 06:25                        | $\Pi^{\circ}0$                    |             |
| evening max el                  | -407 May 22 j 16:38                        | 20° <b>Ⅲ</b> 23′03               | 25°09'59    | evening max el                        | -406 May 04 j 07:11                        | 1° <b>Ⅱ</b> 01'34                 | 23°37'51    |
| desc. node                      | -407 May 28 j 13:50                        | 25° <b>Ⅱ</b> 00′23               |             | desc. node                            | -406 May 15 j 10:51                        | 7° <b>Ⅱ</b> 37'50                 |             |
| retrograde                      | -407 Jun 05 j 17:03                        | 27° <b>Ⅱ</b> 31′26               |             | retrograde                            | -406 May 17 j 23:29                        | 7° <b>Ⅱ</b> 52′23                 |             |
|                                 |  |                                  |             |                                       |  |                                   |             |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 265 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomic   | cal year style is used: Tl   | he year -900 in  | astronomical coun  | ting style is the year 9   | 01 BCE in historical cou  | nting style.  |   |
|---|--|--|--|--|---|---|---|
| evening set   | -406 May 21 j 21:59  | 7° <b>Ⅱ</b> 18'10  |  | evening set  | -405 May 01 j 11:02   | 17° <b>8</b> 36'37  |   |
| min. Earth dist.  | -406 May 28 j 17:50  | 4° <b>Ⅱ</b> 07′26  | 0.56049 AU   | desc. node   | -405 May 02 j 07:52   | 17° <b>8</b> 24'47  |   |
| inferior conj   | -406 May 30 j 21:47  | 2° <b>Ⅱ</b> 49'19  | -3°51'05   | inferior conj  | -405 May 10 j 20:49   | 13° <b>8</b> 30'32  | -2°21'48  |
| minimum elong   | -406 May 30 j 15:09  | 2° <b>∏</b> 59′21  | 3°49'40  | minimum elong  | -405 May 10 j 14:39   | 13° <b>8</b> 39'13  | 2°19'49   |
|   | -406 Jun 05 j 02:12  | 30° <b>₹</b> 8   |  | min. Earth dist.   | -405 May 10 j 06:48   | 13° <b>8</b> 50'14  | 0.55124 AU  |
| morning rise  | -406 Jun 08 j 11:10  | 28° <b>8</b> 52'05   |  | morning rise   | -405 May 19 j 19:37   | 9° <b>8</b> 35'01   |   |
| direct  | -406 Jun 11 j 02:45  | 28° <b>8</b> 34'29   |  | direct   | -405 May 22 j 16:58   | 9° <b>8</b> 16'19   |   |
|   | -406 Jun 16 j 18:08  | 0°П  |  | morning max el   | -405 Jun 03 j 14:27   | 14° <b>8</b> 51'08  | 21°28'27  |
| morning max el  | -406 Jun 21 j 08:26  | 3° <b>Ⅱ</b> 18'32  | 20°05'29   |  | -405 Jun 14 j 23:52   | 0°II  |   |
| asc. node   | -406 Jul 02 j 11:56  | 18° <b>∏</b> 41'52   |  | asc. node  | -405 Jun 19 j 08:58   | 7° <b>I</b> I58'20  |   |
| use. Houe   | -406 Jul 08 j 10:00  | 0°95   |  | morning set  | -405 Jun 23 j 21:33   | 17° <b>I</b> I03'10   |   |
| morning set   | -406 Jul 09 j 13:09  | 2° <b>©</b> 16'59  |  | morning set  | -405 Jun 30 j 01:48   | 0°99  |   |
| morning set   | 400 Jul 07 j 15.07   | 2 31037  |  |  | 403 Juli 30 J 01.40   | 0 3   |   |
| superior conj   | -406 Jul 17 j 07:49  | 18° <b>©</b> 07'28   | 1°45'42  | superior conj  | -405 Jul 01 j 06:25   | 2° <b>5</b> 29'16   | 1°37'28   |
| minimum elong   | -406 Jul 17 j 06:48  | 18° <b>©</b> 02'23   | 1°45'41  | minimum elong  | -405 Jul 01 j 04:21   | 2° <b>©</b> 18'29   | 1°37'19   |
| max. Earth dist.  | -406 Jul 22 j 15:55  |  | 1.36734 AU   | max. Earth dist.   | -405 Jul 05 j 03:43   |   | 1.35106 AU  |
|   | -406 Jul 23 j 09:50  | 0°N  |  | evening rise   | -405 Jul 09 j 14:01   | 19° <b>5</b> 07'39  |   |
| evening rise  | -406 Jul 26 j 13:52  | 5° <b>Ω</b> 52'52  |  | evening rise   | -405 Jul 15 j 12:12   | 0°Ω   |   |
| evening rise  | -406 Aug 09 j 23:53  | 0° m)  |  | desc. node   | -405 Jul 29 j 07:13   | 22° <b>Ω</b> 05'22  |   |
| desc. node  | -406 Aug 11 j 10:13  | 2° <b>m</b> ) 10'09  |  | dese. Hode   | -405 Aug 04 j 01:37   | 0° <b>m</b> )   |   |
| evening max el  | -406 Aug 31 j 09:37  | 27° Mp 41'08   | 25048117   | evening max el   | -405 Aug 13 j 21:31   | 11° <b>m</b> ) 15'26  | 26°44'50  |
| evening max ci  | -406 Sep 02 j 22:18  | ე° <u>ი</u>  | 23 46 17   | retrograde   | -405 Aug 26 j 22:06   | 18° <b>m</b> ) 31'21  | 20 44 39  |
| ratra ara da  |  | 0 <b>==</b><br>4° <b>£</b> 44'56   |  | -  |   | 15° Mp 47'00  |   |
| retrograde  | -406 Sep 12 j 17:51  |  |  | evening set  | -405 Sep 02 j 14:29   | -•  | 0.65700 ATT   |
| evening set   | -406 Sep 18 j 21:10  | 2° <b>Ω</b> 09'47  |  | min. Earth dist.   | -405 Sep 06 j 14:16   | -•  | 0.65798 AU  |
| i E d II d  | -406 Sep 21 j 01:27  | 30°₹ <b>™</b>  | 0.66740.411  | inferior conj  | -405 Sep 08 j 08:19   | 9° Mg 37'21   |   |
| min. Earth dist.  | -406 Sep 23 j 04:19  |  | 0.66748 AU   | minimum elong  | -405 Sep 08 j 11:45   | 9° Mp 27'11   | 2°16'19   |
| inferior conj   | -406 Sep 24 j 10:18  | 25° m 52'16  |  | morning rise   | -405 Sep 14 j 09:30   | 3° <b>m</b> 54'28   |   |
| minimum elong   | -406 Sep 24 j 12:22  | 25° m 45'41  | 1°21'27  | asc. node  | -405 Sep 15 j 08:11   | 3° m/28'51  |   |
| asc. node   | -406 Sep 28 j 11:09  | 21° Mp 16'07   |  | direct   | -405 Sep 17 j 07:19   | 3° <b>m</b> )07'15  |   |
| morning rise  | -406 Sep 30 j 03:49  | 19° <b>m</b> 57'34   |  | morning max el   | -405 Sep 23 j 22:34   | 6°Mp46′06   | 18°27'41  |
| direct  | -406 Oct 03 j 09:51  | 18° Mp 56′36   |  |  | -405 Oct 09 j 23:06   | 0∘ <b>⊽</b>   |   |
| morning max el  | -406 Oct 10 j 10:50  | 22° Mp 54'53   | 19°10'40   | morning set  | -405 Oct 13 j 16:31   | 6° <b>£</b> 01'25   |   |
|   | -406 Oct 16 j 05:55  | 0∘ <b>⊽</b>  |  | desc. node   | -405 Oct 25 j 06:34   | 24° <b>≏</b> 33'31  |   |
| morning set   | -406 Nov 02 j 09:58  | 26° <b>♀</b> 03'37   |  |  | -405 Oct 28 j 17:17   | 0° <b>M</b> ₊   |   |
|   |  |  |  |  | .00 0 tr 20 j 17.17   |   |   |
|   | -406 Nov 04 j 22:27  | 0°M  |  |  | 100 000 20 17:17  |   |   |
| desc. node  | -406 Nov 04 j 22:27<br>-406 Nov 07 j 09:32   |  |  | superior conj  | -405 Oct 29 j 02:53   | 0° <b>ጤ</b> 37'49   | -0°25'00  |
| desc. node<br>max. Earth dist.  |  | 0°ጤ<br>3°ጤ51'03  | 1.44736 AU   | superior conj<br>minimum elong   | -   | 0°M37'49<br>0°M24'49  |   |
|   | -406 Nov 07 j 09:32  | 0°ጤ<br>3°ጤ51'03  | 1.44736 AU   |  | -405 Oct 29 j 02:53   | 0° <b>M</b> 24'49   |   |
|   | -406 Nov 07 j 09:32  | 0°ጤ<br>3°ጤ51'03  |  | minimum elong  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35  | 0° <b>M</b> 24'49   | 0°24'34   |
| max. Earth dist.  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59   | 0°M<br>3°M51'03<br>18°M23'55   | -1°11'48   | minimum elong<br>max. Earth dist.  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24   | 0°ጤ24'49<br>2°ጤ41'48  | 0°24'34   |
| max. Earth dist.  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27  | 0°M<br>3°M51'03<br>18°M23'55<br>22°M14'59  | -1°11'48   | minimum elong<br>max. Earth dist.  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35  | 0°ጤ24'49<br>2°ጤ41'48<br>26°ጤ09'21   | 0°24'34   |
| max. Earth dist.  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29   | 0°M<br>3°M51'03<br>18°M23'55<br>22°M14'59<br>21°M43'26   | -1°11'48   | minimum elong<br>max. Earth dist.<br>evening rise  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05   | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0°X  | 0°24'34<br>1.45014 AU   |
| max. Earth dist. superior conj minimum elong  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20   | 0°M<br>3°M51'03<br>18°M23'55<br>22°M14'59<br>21°M43'26<br>0°\$\mathref{X}\$  | -1°11'48   | minimum elong<br>max. Earth dist.<br>evening rise<br>greatest brilliancy   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15   | 0°ጤ24'49<br>2°ጤ41'48<br>26°ጤ09'21<br>0° ዶ<br>11° ዶ³38'40  | 0°24'34<br>1.45014 AU<br>-0.8m  |
| max. Earth dist. superior conj minimum elong evening rise   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23  | 0°M<br>3°M51'03<br>18°M23'55<br>22°M14'59<br>21°M43'26<br>0°ズ<br>16°ズ10'52<br>0°उ  | -1°11'48   | minimum elong<br>max. Earth dist.<br>evening rise<br>greatest brilliancy   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02  | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0° ✓<br>11° ✓ 38'40<br>29° ✓ 40'15   | 0°24'34<br>1.45014 AU<br>-0.8m  |
| max. Earth dist. superior conj minimum elong  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44   | 0°M<br>3°M51'03<br>18°M23'55<br>22°M14'59<br>21°M43'26<br>0°  √ 16°  √ 10'52   | -1°11'48<br>1°10'54  | minimum elong<br>max. Earth dist.<br>evening rise<br>greatest brilliancy<br>evening max el   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02<br>-405 Dec 12 j 07:27  | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0° ₹<br>11° ₹38'40<br>29° ₹40'15<br>0° ₹<br>3°₹20'58   | 0°24'34<br>1.45014 AU<br>-0.8m  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26  | 0°M<br>3°M51'03<br>18°M23'55<br>22°M14'59<br>21°M43'26<br>0°\$\frac{1}{2}'10'52<br>0°\$\frac{1}{3}'31<br>17°\$\frac{4}{3}'04   | -1°11'48<br>1°10'54  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51   | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0°  11°  38'40<br>29°  40'15<br>0°  3°  520'58<br>3°  541'41   | 0°24'34<br>1.45014 AU<br>-0.8m  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23   | 0°M<br>3°M51'03<br>18°M23'55<br>22°M14'59<br>21°M43'26<br>0°\$√10'52<br>0°\$√10'52<br>16°\$√13'31<br>17°\$√43'04<br>19°\$√53'12  | -1°11'48<br>1°10'54  | minimum elong max. Earth dist. evening rise greatest brilliancy evening max el asc. node   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40   | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0° ₹<br>11° ₹38'40<br>29° ₹40'15<br>0° ₹<br>3° ₹20'58<br>3° ₹41'41<br>2° ₹37'19  | 0°24'34<br>1.45014 AU<br>-0.8m  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45  | 0°M<br>3°M51'03<br>18°M23'55<br>22°M14'59<br>21°M43'26<br>0°ズ<br>16°ズ10'52<br>0°उ<br>16°उ13'31<br>17°उ43'04<br>19°उ53'12<br>19°उ01'05  | -1°11'48<br>1°10'54<br>18°33'21  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35  | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0° ₹<br>11° ₹38'40<br>29° ₹40'15<br>0° ₹<br>3° ₹20'58<br>3° ₹41'41<br>2° ₹37'19<br>30° ₹₹  | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30   | 0°M。 3°M51'03 18°M23'55  22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°G 16°G13'31 17°G43'04 19°G53'12 19°G01'05 13°G26'37   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45   | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31  | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0° ₹<br>11° ₹38'40<br>29° ₹40'15<br>0° ₹<br>3°₹20'58<br>3°₹41'41<br>2°₹37'19<br>30° ₹₹<br>26° ₹46'51   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 19 j 02:27<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 08 j 06:19  | 0°M。3°M51'03 18°M23'55 22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°G 16°G13'31 17°G43'04 19°G53'12 19°G01'05 13°G26'37 13°G33'04   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 23 j 01:44   | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0° ₹<br>11° ₹38'40<br>29° ₹40'15<br>0° ₹<br>3° ₹20'58<br>3° ₹37'19<br>30° ₹₹<br>26° ₹46'51<br>26° ₹55'43   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist.   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 08 j 06:19<br>-405 Jan 10 j 08:43   | 0°M。3°M51'03 18°M23'55 22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°G 16°G13'31 17°G43'04 19°G53'12 19°G01'05 13°G26'37 13°G33'04 11°G04'25   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45   | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist.  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53   | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0° ₹<br>11° ₹38'40<br>29° ₹40'15<br>0° ₹<br>3° ₹20'58<br>3° ₹21'41<br>2° ₹37'19<br>30° ₹<br>26° ₹46'51<br>26° ₹45'43<br>25° ₹00'44   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 08 j 06:19<br>-405 Jan 10 j 08:43<br>-405 Jan 11 j 00:24  | 0°M。3°M51'03 18°M23'55 22°M14'59 21°M43'26 0°ダ 16°ダ10'52 0°℧ 16°℧13'31 17°℧43'04 19°℧53'12 19°℧01'05 13°℧26'37 13°℧33'04 11°℧04'25 7°℧20'24  | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33  | 0°M24'49<br>2°M41'48<br>26°M09'21<br>0° ₹<br>11° ₹38'40<br>29° ₹40'15<br>0°₹<br>3°₹20'58<br>3°₹21'41<br>2°₹37'19<br>30°8 ₹<br>26° ₹46'51<br>26° ₹55'43<br>25° ₹00'44<br>20° ₹36'17  | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 08 j 08:43<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21   | 0°M。3°M51'03 18°M23'55 22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°℧ 16°℧13'31 17°℧43'04 19°℧53'12 19°℧01'05 13°℧26'37 13°℧33'04 11°℧04'25 7°℧20'24 4°℧28'14   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-405 Dec 28 j 13:33<br>-405 Dec 28 j 13:33   | 0°M24'49 2°M41'48 26°M09'21 0° \$\tilde{X}\$ 11° \$\tilde{X}\$38'40 29° \$\tilde{X}\$40'15 0°\$\tilde{S}\$ 3°\$\tilde{S}\$20'58 3°\$\tilde{S}\$41'41 2°\$\tilde{S}\$37'19 30° \$\tilde{X}\$46'51 26° \$\tilde{X}\$46'51 26° \$\tilde{X}\$36'17 17° \$\tilde{X}\$47'42   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 08 j 06:19<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 08:42  | 0°M。3°M.51'03 18°M.23'55 22°M.14'59 21°M.43'26 0°ズ 16°ズ10'52 0°℧ 16°℧13'31 17°℧43'04 19°℧53'12 19°℧01'05 13°℧26'37 13°℧33'04 11°℧04'25 7°℧20'24 4°℧28'14 12°℧20'01   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04   | 0°M24'49 2°M41'48 26°M09'21 0° \$\tilde{x}\$ 11° \$\tilde{x}\$38'40 29° \$\tilde{x}\$40'15 0°\$\tilde{c}\$ 3°\$\tilde{c}\$20'58 3°\$\tilde{c}\$37'19 30° \$\tilde{x}\$ 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$55'43 25° \$\tilde{x}\$00'44 20° \$\tilde{x}\$36'17 17° \$\tilde{x}\$47'42 25° \$\tilde{x}\$16'49   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 06:19<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 06:37   | 0°M。3°M.51'03 18°M.23'55 22°M.14'59 21°M.43'26 0°ズ 16°ズ10'52 0°℧ 16°℧13'31 17°℧43'04 19°℧53'12 19°℧01'05 13°℧26'37 13°℧33'04 11°℧04'25 7°℧20'24 4°℧28'14 12°℧20'01 12°℧14'46   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52   | 0°M24'49 2°M41'48 26°M09'21 0° \$\tilde{X}\$ 11° \$\tilde{X}\$38'40 29° \$\tilde{X}\$40'15 0° \$\tilde{S}\$ 3° \$\tilde{S}\$20'58 3° \$\tilde{S}\$21'58 3° \$\tilde{S}\$41'41 2° \$\tilde{S}\$37'19 30° \$\tilde{X}\$46'51 26° \$\tilde{X}\$46'51 26° \$\tilde{X}\$36'17 17° \$\tilde{X}\$47'42 25° \$\tilde{X}\$16'49 0° \$\tilde{S}\$   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node  | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 06:19<br>-405 Jan 10 j 08:43<br>-405 Jan 10 j 08:43<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 06:37<br>-405 Feb 17 j 12:18  | 0°M。 3°M.51'03 18°M.23'55  22°M.14'59 21°M.43'26 0° √ 16° √ 16° √ 10'52 0° づ 16° √ 13'31 17° √ 343'04 19° √ 33'04 11° √ 304'25 7° √ 20'24 4° √ 228'14 12° √ 314'46 0° ≈  | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52<br>-404 Jan 21 j 05:46   | 0°M24'49 2°M41'48 26°M09'21 0° \$\tilde{X}\$ 11° \$\tilde{X}\$38'40 29° \$\tilde{X}\$40'15 0° \$\tilde{S}\$ 3° \$\tilde{S}\$20'58 3° \$\tilde{S}\$21'58 3° \$\tilde{S}\$41'41 2° \$\tilde{S}\$37'19 30° \$\tilde{X}\$46'51 26° \$\tilde{X}\$46'51 26° \$\tilde{X}\$36'17 17° \$\tilde{X}\$47'42 25° \$\tilde{X}\$16'49 0° \$\tilde{S}\$0" 0° \$\tilde{S}\$17'17   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 08:42<br>-405 Feb 17 j 12:18<br>-405 Mar 07 j 13:39   | 0°M。 3°M51'03 18°M23'55  22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°उ 16°उ13'31 17°उ43'04 19°उ53'12 19°उ01'05 13°उ26'37 13°उ33'04 11°उ04'25 7°उ20'24 4°328'14 12°उ20'01 12°उ14'46 0°≈ 0°沃   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52<br>-404 Feb 10 j 23:58  | 0° M.24'49 2° M.41'48 26° M.09'21 0° ♂ 11° ♂ 38'40 29° ♂ 40'15 0° ♂ 3° ♂ 20'58 3° ♂ 41'41 2° ♂ 37'19 30° R.♂ 26° ♂ 46'51 26° ♂ 55'43 25° ♂ 00'44 20° ♂ 36'17 17° ♂ 47'42 25° ♂ 16'49 0° ♂ 0° ♂ 17'17 0° ≈   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 25 j 10:26<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 10 j 08:43<br>-405 Jan 10 j 08:43<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 06:37<br>-405 Feb 17 j 12:18<br>-405 Mar 07 j 13:39<br>-405 Mar 10 j 15:38  | 0°M。 3°M51'03 18°M23'55  22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°G 16°G13'31 17°G43'04 19°G53'12 19°G01'05 13°G26'37 13°G33'04 11°G04'25 7°G20'24 4°G28'14 12°G20'01 12°G14'46 0°無 0°H 5°米53'47  | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39                                      | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52<br>-404 Feb 10 j 23:58<br>-404 Feb 21 j 19:22  | 0° M.24'49 2° M.41'48 26° M.09'21 0°   11°   38'40 29°   40'15 0°  3°  32'0'58 3°  341'41 2°  33'19 30°   30°   46'51 26°   46'51 26°   36'17 17°   47'42 25°   16'49 0°  0°  19°  19°  19°  19°  19°  19°  19°  19   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30                                      |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 08:42<br>-405 Feb 17 j 12:18<br>-405 Mar 07 j 13:39   | 0°M。 3°M51'03 18°M23'55  22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°उ 16°उ13'31 17°उ43'04 19°उ53'12 19°उ01'05 13°उ26'37 13°उ33'04 11°उ04'25 7°उ20'24 4°328'14 12°उ20'01 12°उ14'46 0°≈ 0°沃   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU  | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 23 j 01:44<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:58<br>-404 Feb 10 j 23:58<br>-404 Feb 25 j 21:05  | 0°M24'49 2°M41'48 26°M09'21 0°ズ 11°ズ38'40 29°ズ40'15 0°石 3°石20'58 3°石41'41 2°石37'19 30°Rズ 26°ズ46'51 26°ズ55'43 25°ズ00'44 20°ズ36'17 17°ズ47'42 25°ズ16'49 0°石 0°石17'17 0°≈ 19°≈00'48 26°≈49'08   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU  |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set max. Earth dist.   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 06:37<br>-405 Feb 03 j 06:37<br>-405 Feb 17 j 12:18<br>-405 Mar 07 j 13:39<br>-405 Mar 10 j 15:38<br>-405 Mar 15 j 09:31  | 0°M、3°M51'03 18°M23'55 22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°G 16°G13'31 17°G43'04 19°G53'12 19°G01'05 13°G26'37 13°G33'04 11°G04'25 7°G20'24 4°G28'14 12°G20'01 12°G14'46 0°※ 0°沃 5°沃53'47 15°沃24'28  | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39                                      | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set  | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 17 j 13:40<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52<br>-404 Feb 10 j 23:58<br>-404 Feb 21 j 19:22  | 0° M.24'49 2° M.41'48 26° M.09'21 0°   11°   38'40 29°   40'15 0°  3°  32'0'58 3°  341'41 2°  33'19 30°   30°   46'51 26°   46'51 26°   36'17 17°   47'42 25°   16'49 0°  0°  19°  19°  19°  19°  19°  19°  19°  19   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30                                      |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set max. Earth dist. superior conj                                       | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 08:42<br>-405 Feb 03 j 06:37<br>-405 Feb 17 j 12:18<br>-405 Mar 10 j 15:38<br>-405 Mar 15 j 09:31   | 0°M、3°M51'03 18°M23'55  22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°G 16°G13'31 17°G43'04 19°G53'12 19°G01'05 13°G26'37 13°G33'04 11°G04'25 7°G20'24 4°G28'14 12°G20'01 12°G14'46 0°※ 0°沃 5°沃53'47 15°沃24'28   | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39<br>1.33784 AU<br>-0°47'16            | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set max. Earth dist.   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52<br>-404 Feb 10 j 23:58<br>-404 Feb 21 j 19:22<br>-404 Feb 27 j 11:43  | 0°M24'49 2°M41'48 26°M09'21 0°ズ 11°ズ38'40 29°ズ40'15 0°G 3°G20'58 3°G41'41 2°G37'19 30°Rズ 26°ズ46'51 26°ズ55'43 25°ズ00'44 20°ズ36'17 17°ズ47'42 25°ズ16'49 0°G 0°G17'17 0°≈ 19°≈00'48 26°≈49'08 0°)   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30                                      |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set max. Earth dist.   | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 08:42<br>-405 Feb 17 j 12:18<br>-405 Mar 10 j 15:38<br>-405 Mar 15 j 09:31<br>-405 Mar 18 j 18:15<br>-405 Mar 18 j 18:15  | 0°M。 3°M.51'03 18°M.23'55  22°M.14'59 21°M.43'26 0°ズ 16°ズ10'52 0°℧ 16°℧13'31 17°℧43'04 19°℧53'12 19°℧01'05 13°℧26'37 13°℧33'04 11°℧04'25 7°℧20'24 4°℧28'14 12°℧20'01 12°℧14'46 0°‰ 0°沃 5°沃53'47 15°沃24'28  | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39<br>1.33784 AU<br>-0°47'16            | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set max. Earth dist.   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52<br>-404 Feb 21 j 19:22<br>-404 Feb 25 j 21:05<br>-404 Mar 01 j 16:21  | 0°M24'49 2°M41'48 26°M09'21 0° \$\tilde{X}\$ 11° \$\tilde{X}\$38'40 29° \$\tilde{X}\$40'15 0°\$\tilde{S}\$ 3°\$\tilde{S}\$20'58 3°\$\tilde{S}\$41'41 2°\$\tilde{S}\$37'19 30°R\$\$\tilde{X}\$ 26° \$\tilde{X}\$46'51 26° \$\tilde{X}\$55'43 25° \$\tilde{X}\$00'44 20° \$\tilde{X}\$36'17 17° \$\tilde{X}\$47'42 25° \$\tilde{X}\$16'49 0°\$\tilde{S}\$ 0°\$\tilde{S}\$17'17 0°\$\tilde{S}\$ 19°\$\$\tilde{S}\$00'48 26°\$\$\tilde{S}\$49'08 0°\$\tilde{S}\$  | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30                                      |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set max. Earth dist.  superior conj minimum elong                        | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 10 j 08:43<br>-405 Jan 10 j 08:43<br>-405 Jan 14 j 00:24<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 08:42<br>-405 Feb 17 j 12:18<br>-405 Mar 07 j 13:39<br>-405 Mar 15 j 09:31<br>-405 Mar 18 j 18:15<br>-405 Mar 18 j 20:30<br>-405 Mar 22 j 07:51                                      | 0°M。3°M51'03 18°M23'55 22°M14'59 21°M43'26 0°ズ 16°ズ10'52 0°G 16°G13'31 17°G43'04 19°G53'12 19°G01'05 13°G26'37 13°G33'04 11°G04'25 7°G20'24 4°G28'14 12°G20'01 12°G14'46 0°※ 0°米 5°米53'47 15°米24'28 22°米25'17 22°米37'10 0°Y  | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39<br>1.33784 AU<br>-0°47'16            | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set max. Earth dist.   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 16 j 19:05<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52<br>-404 Feb 10 j 23:58<br>-404 Feb 25 j 21:05<br>-404 Mar 01 j 16:21<br>-404 Mar 01 j 16:21   | 0°M24'49 2°M41'48 26°M09'21 0° \$\tilde{x}\$ 11° \$\tilde{x}\$38'40 29° \$\tilde{x}\$40'15 0°\$\tilde{S}\$ 3°\$\tilde{S}20'58 3°\$\tilde{S}21'58 3°\$\tilde{S}41'41 2°\$\tilde{S}37'19 30° \$\tilde{x}\$ 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'17 17° \$\tilde{x}\$47'42 25° \$\tilde{x}\$16'49 0°\$\tilde{S}\$ 0°\$\tilde{S}17'17 0°\$\tilde{S}\$ 19°\$\tilde{S}00'48 26°\$\tilde{S}49'08 0°\$\tilde{S}\$ 6°\$\tilde{S}26'58 6°\$\tilde{S}43'57       | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30                                      |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set max. Earth dist.  superior conj minimum elong asc. node              | -406 Nov 07 j 09:32<br>-406 Nov 16 j 15:59<br>-406 Nov 16 j 15:59<br>-406 Nov 18 j 18:29<br>-406 Nov 23 j 23:13<br>-406 Dec 03 j 22:20<br>-406 Dec 12 j 08:23<br>-406 Dec 23 j 19:44<br>-406 Dec 25 j 10:26<br>-406 Dec 30 j 10:23<br>-405 Jan 02 j 11:45<br>-405 Jan 08 j 08:30<br>-405 Jan 10 j 08:43<br>-405 Jan 10 j 08:43<br>-405 Jan 20 j 20:21<br>-405 Feb 03 j 06:37<br>-405 Feb 17 j 12:18<br>-405 Mar 07 j 13:39<br>-405 Mar 15 j 09:31<br>-405 Mar 18 j 18:15<br>-405 Mar 18 j 20:30<br>-405 Mar 22 j 07:51<br>-405 Mar 23 j 09:43                                      | 0°M。 3°M.51'03 18°M.23'55  22°M.14'59 21°M.43'26 0°ズ 16°ズ10'52 0°℧ 16°℧13'31 17°℧43'04 19°℧53'12 19°℧01'05 13°℧26'37 13°℧33'04 11°℧04'25 7°℧20'24 4°℧28'14 12°℧20'01 12°℧14'46 0°‰ 0°ℋ 5°沃53'47 15°沃24'28  22°光25'17 22°光37'10 0°ጥ 2°ጥ17'42  | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39<br>1.33784 AU<br>-0°47'16            | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set max. Earth dist.   | -405 Oct 29 j 02:53<br>-405 Oct 28 j 23:35<br>-405 Oct 30 j 10:24<br>-405 Nov 14 j 08:35<br>-405 Nov 24 j 04:57<br>-405 Dec 07 j 05:15<br>-405 Dec 07 j 13:02<br>-405 Dec 12 j 07:27<br>-405 Dec 14 j 05:51<br>-405 Dec 20 j 12:35<br>-405 Dec 23 j 04:31<br>-405 Dec 23 j 04:31<br>-405 Dec 24 j 13:53<br>-405 Dec 28 j 13:33<br>-404 Jan 03 j 23:09<br>-404 Jan 16 j 16:04<br>-404 Jan 20 j 23:52<br>-404 Feb 10 j 23:58<br>-404 Feb 27 j 11:43<br>-404 Mar 01 j 16:21<br>-404 Mar 01 j 19:40<br>-404 Mar 09 j 09:32                                      | 0°M24'49 2°M41'48 26°M09'21 0°ズ 11°ズ38'40 29°ズ40'15 0°G 3°G20'58 3°G41'41 2°G37'19 30°Rズ 26°ズ46'51 26°ズ46'51 26°ズ46'51 26°ズ16'49 0°G 0°G17'17 0°≈ 19°≈00'48 26°≈49'08 0°沃   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30                                      |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set max. Earth dist.  superior conj minimum elong                        | -406 Nov 07 j 09:32 -406 Nov 16 j 15:59  -406 Nov 16 j 15:59  -406 Nov 18 j 18:29 -406 Nov 23 j 23:13 -406 Dec 03 j 22:20 -406 Dec 12 j 08:23 -406 Dec 23 j 19:44 -406 Dec 25 j 10:26 -406 Dec 30 j 10:23 -405 Jan 02 j 11:45 -405 Jan 08 j 06:19 -405 Jan 10 j 08:43 -405 Jan 10 j 08:43 -405 Jan 14 j 00:24 -405 Jan 20 j 20:21 -405 Feb 03 j 06:37 -405 Feb 17 j 12:18 -405 Mar 07 j 13:39 -405 Mar 10 j 15:38 -405 Mar 15 j 09:31  -405 Mar 18 j 18:15 -405 Mar 18 j 20:30 -405 Mar 22 j 07:51 -405 Mar 23 j 09:43 -405 Mar 26 j 01:27   | 0°M。 3°M.51'03 18°M.23'55  22°M.14'59 21°M.43'26 0° √ 16° √ 16° √ 16° √ 10'52 0° づ 16° √ 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'104 12° √ 14'46 0° ∞ 0° √ 5° √ 5° √ 53'47 15° √ 53'17 22° √ 17'42 7° √ 54'20 | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39<br>1.33784 AU<br>-0°47'16            | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set max. Earth dist.   | -405 Oct 29 j 02:53 -405 Oct 28 j 23:35 -405 Oct 30 j 10:24 -405 Nov 14 j 08:35 -405 Nov 16 j 19:05 -405 Nov 24 j 04:57 -405 Dec 07 j 05:15 -405 Dec 12 j 07:27 -405 Dec 12 j 07:27 -405 Dec 14 j 05:51 -405 Dec 20 j 12:35 -405 Dec 23 j 04:31 -405 Dec 23 j 01:44 -405 Dec 24 j 13:53 -405 Dec 28 j 13:33 -404 Jan 03 j 23:09 -404 Jan 16 j 16:04 -404 Jan 20 j 23:52 -404 Jan 21 j 05:46 -404 Feb 10 j 23:58 -404 Feb 27 j 11:43 -404 Mar 01 j 16:21 -404 Mar 01 j 16:21 -404 Mar 09 j 09:32 -404 Mar 09 j 09:32 -404 Mar 09 j 09:645                    | 0°M24'49 2°M41'48 26°M09'21 0°ズ 11°ズ38'40 29°ズ40'15 0°G 3°G20'58 3°G41'41 2°G37'19 30°Rズ 26°ズ46'51 26°ズ46'51 26°ズ55'43 25°ズ00'44 20°ズ36'17 17°ズ47'42 25°ズ16'49 0°G 0°G17'17 0°≈ 19°≈00'48 26°≈49'08 0°ዢ 6°光26'58 6°光43'57 22°光25'49 22°光11'30   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30                                      |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set max. Earth dist.  superior conj minimum elong asc. node evening rise | -406 Nov 07 j 09:32 -406 Nov 16 j 15:59  -406 Nov 16 j 15:59  -406 Nov 18 j 18:29 -406 Nov 23 j 23:13 -406 Dec 03 j 22:20 -406 Dec 12 j 08:23 -406 Dec 23 j 19:44 -406 Dec 25 j 10:26 -406 Dec 30 j 10:23 -405 Jan 02 j 11:45 -405 Jan 08 j 06:19 -405 Jan 10 j 08:43 -405 Jan 10 j 08:43 -405 Jan 14 j 00:24 -405 Jan 20 j 20:21 -405 Feb 03 j 08:42 -405 Feb 03 j 06:37 -405 Feb 17 j 12:18 -405 Mar 07 j 13:39 -405 Mar 10 j 15:38 -405 Mar 15 j 09:31  -405 Mar 18 j 18:15 -405 Mar 18 j 20:30 -405 Mar 22 j 07:51 -405 Mar 23 j 09:43 -405 Mar 26 j 01:27 -405 Apr 06 j 20:52 | 0°M、3°M.51'03 18°M.23'55  22°M.14'59 21°M.43'26 0° √ 16° √ 16° √ 10'52 0° づ 16° √ 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 320'24 4° √ 328'14 12° √ 320'01 12° √ 14'46 0° ∞ 0° √ 5° ★ 5° ★ 53'47 15° ★ 24'28  22° ★ 22° ★ 25'17 22° ★ 37'10 0° ↑ 2° ↑ 17'42 7° ↑ 54'20 0° ♥                           | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39<br>1.33784 AU<br>-0°47'16<br>0°46'50 | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set max. Earth dist.  superior conj minimum elong evening rise asc. node | -405 Oct 29 j 02:53 -405 Oct 28 j 23:35 -405 Oct 30 j 10:24 -405 Nov 14 j 08:35 -405 Nov 16 j 19:05 -405 Nov 24 j 04:57 -405 Dec 07 j 05:15 -405 Dec 12 j 07:27 -405 Dec 12 j 07:27 -405 Dec 14 j 05:51 -405 Dec 20 j 12:35 -405 Dec 23 j 04:31 -405 Dec 23 j 01:44 -405 Dec 24 j 13:53 -405 Dec 28 j 13:33 -404 Jan 03 j 23:09 -404 Jan 16 j 16:04 -404 Jan 20 j 23:52 -404 Jan 21 j 05:46 -404 Feb 10 j 23:58 -404 Feb 27 j 11:43 -404 Mar 01 j 16:21 -404 Mar 01 j 16:21 -404 Mar 09 j 09:32 -404 Mar 09 j 09:32 -404 Mar 09 j 06:45 -404 Mar 13 j 03:42 | 0°M24'49 2°M41'48 26°M09'21 0° \$\tilde{x}\$ 11° \$\tilde{x}\$38'40 29° \$\tilde{x}\$40'15 0°\$\tilde{S}\$ 3°\$\tilde{S}20'58 3°\$\tilde{S}20'58 3°\$\tilde{S}41'41 2°\$\tilde{S}37'19 30° \$\tilde{x}\$ 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'51 26° \$\tilde{x}\$46'17 17° \$\tilde{x}\$47'42 25° \$\tilde{x}\$16'49 0°\$\tilde{S}\$ 0°\$\tilde{S}17'17 0°\$\tilde{S}\$ 19°\$\tilde{S}00'48 26°\$\tilde{4}9'08 0°\$\tilde{S}\$ 6°\$\tilde{4}3'57 22°\$\tilde{S}25'49 22°\$\til1'30 0°\$\tilde{Y}\$ | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30<br>1.35120 AU<br>-1°12'55<br>1°12'22 |
| max. Earth dist.  superior conj minimum elong  evening rise  evening max el asc. node retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct desc. node morning max el  morning set max. Earth dist.  superior conj minimum elong asc. node              | -406 Nov 07 j 09:32 -406 Nov 16 j 15:59  -406 Nov 16 j 15:59  -406 Nov 18 j 18:29 -406 Nov 23 j 23:13 -406 Dec 03 j 22:20 -406 Dec 12 j 08:23 -406 Dec 23 j 19:44 -406 Dec 25 j 10:26 -406 Dec 30 j 10:23 -405 Jan 02 j 11:45 -405 Jan 08 j 06:19 -405 Jan 10 j 08:43 -405 Jan 10 j 08:43 -405 Jan 14 j 00:24 -405 Jan 20 j 20:21 -405 Feb 03 j 06:37 -405 Feb 17 j 12:18 -405 Mar 07 j 13:39 -405 Mar 10 j 15:38 -405 Mar 15 j 09:31  -405 Mar 18 j 18:15 -405 Mar 18 j 20:30 -405 Mar 22 j 07:51 -405 Mar 23 j 09:43 -405 Mar 26 j 01:27   | 0°M。 3°M.51'03 18°M.23'55  22°M.14'59 21°M.43'26 0° √ 16° √ 16° √ 16° √ 10'52 0° づ 16° √ 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'04 11° √ 33'104 12° √ 14'46 0° ∞ 0° √ 5° √ 5° √ 53'47 15° √ 53'17 22° √ 17'42 7° √ 54'20 | -1°11'48<br>1°10'54<br>18°33'21<br>3°35'45<br>3°35'26<br>0.64616 AU<br>27°16'39<br>1.33784 AU<br>-0°47'16<br>0°46'50 | minimum elong max. Earth dist. evening rise  greatest brilliancy evening max el  asc. node retrograde evening set  inferior conj minimum elong min. Earth dist. morning rise direct morning max el  desc. node  morning set max. Earth dist.   | -405 Oct 29 j 02:53 -405 Oct 28 j 23:35 -405 Oct 30 j 10:24 -405 Nov 14 j 08:35 -405 Nov 16 j 19:05 -405 Nov 24 j 04:57 -405 Dec 07 j 05:15 -405 Dec 12 j 07:27 -405 Dec 12 j 07:27 -405 Dec 14 j 05:51 -405 Dec 20 j 12:35 -405 Dec 23 j 04:31 -405 Dec 23 j 01:44 -405 Dec 24 j 13:53 -405 Dec 28 j 13:33 -404 Jan 03 j 23:09 -404 Jan 16 j 16:04 -404 Jan 20 j 23:52 -404 Jan 21 j 05:46 -404 Feb 10 j 23:58 -404 Feb 27 j 11:43 -404 Mar 01 j 16:21 -404 Mar 01 j 16:21 -404 Mar 09 j 09:32 -404 Mar 09 j 09:32 -404 Mar 09 j 09:645                    | 0°M24'49 2°M41'48 26°M09'21 0°ズ 11°ズ38'40 29°ズ40'15 0°G 3°G20'58 3°G41'41 2°G37'19 30°Rズ 26°ズ46'51 26°ズ46'51 26°ズ55'43 25°ズ00'44 20°ズ36'17 17°ズ47'42 25°ズ16'49 0°G 0°G17'17 0°≈ 19°≈00'48 26°≈49'08 0°ዢ 6°光26'58 6°光43'57 22°光25'49 22°光11'30   | 0°24'34<br>1.45014 AU<br>-0.8m<br>19°12'16<br>3°08'13<br>3°07'32<br>0.65932 AU<br>26°19'30                                      |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. 27°Y53'54 -404 Apr 10 j 10:53 retrograde -403 Mar 20 j 03:34 8°Y56'50 evening set -404 Apr 18 j 04:54 24°Y45'33 -403 Mar 22 j 07:35 8°Y43'32 desc. node evening set -404 Apr 19 j 15:21 23°Y56'27 -0°24'39 -403 Mar 30 j 19:53 4°**Υ**38'06 1°27'00 inferior conj inferior coni -404 Apr 19 j 14:11 23°Y58'07 0°24'13 4°Υ32'37 1°25'53 minimum elong -403 Mar 30 j 23:17 minimum elong -403 Apr 02 j 10:34 min. Earth dist. -404 Apr 20 j 20:06 23°**Y**15′06 2°**Υ**57'49 0.55128 AU min. Earth dist. 0.56056 AU -404 Apr 28 j 16:32 19°**Y**44'34  $1^{\circ}$ Y25'30 morning rise desc. node -403 Apr 05 j 01:57 19°**Y**18′13 direct -404 May 02 j 04:18 -403 Apr 08 j 07:03 30°**₹** 25°**Y**44′09 29° ¥ 55'30 morning max el -404 May 15 j 10:36 23°05'27 morning rise -403 Apr 08 j 12:23 -404 May 19 j 10:44  $0^{\circ}$ 8 direct -403 Apr 13 j 00:03 29°**H** 10'07 asc. node -404 Jun 05 j 06:00 27°**8**37'08 -403 Apr 17 j 16:13  $0^{\circ}\Upsilon$ -404 Jun 06 j 09:49  $0^{\circ}\Pi$ morning max el -403 Apr 27 j 01:44 6°Υ16'15 24°45'49 -404 Jun 07 j 08:35 morning set 1°**耳**58'37 -403 May 14 j 04:42 0°8 morning set -403 May 22 j 20:36 16°**8**58'01 superior conj -404 Jun 14 j 11:31 17°**Ⅲ**10′59 1°23'45 asc. node -403 May 23 j 03:03 17°832'04 minimum elong -404 Jun 14 j 09:01 16°**Ⅲ**57'39 1°23'27 -403 May 28 j 21:43  $\Pi^{\circ}0$ max. Earth dist. -404 Jun 17 j 01:21 22°**Ⅲ**38′29 1.33853 AU -404 Jun 20 j 15:02 0ಂತಾ superior conj -403 May 29 j 20:45 2°**I**05'15 1°05'45 evening rise -404 Jun 22 j 03:31 3°502'33 minimum elong -403 May 29 j 18:22 1°**Ⅱ**52'20 1°05'22 -404 Jul 07 j 07:52  $0^{\circ}\Omega$ max. Earth dist. -403 May 31 j 07:23 5°**Ⅱ**12'57 1.32988 AU desc. node -404 Jul 15 j 04:13 11°**Ω**29'31 evening rise -403 Jun 06 j 02:33 17°**Ⅲ**26′15 evening max el -404 Jul 26 j 09:13 24°**Ω**36'48 27°18'49 -403 Jun 12 j 13:20 -404 Aug 02 i 08:33 0° m -403 Jul 01 i 22:06  $0^{\circ}\Omega$ -404 Aug 08 j 20:30 1° m 56'15 desc. node -403 Jul 02 i 01:13 0°**Ω**09'37 retrograde -404 Aug 14 j 19:29 30°RΩ evening max el -403 Jul 08 i 18:36 7°**Ω**32'14 27°23'30 -404 Aug 15 j 22:28 29°Ω11'38 retrograde -403 Jul 22 j 12:45 14°Ω51'08 evening set -404 Aug 19 j 15:55 25°**Ω**42'47 0.64487 AU -403 Jul 29 j 17:42 min. Earth dist. evening set 12°Ω18'25 -404 Aug 21 j 23:04 23°Ω13'38 -3°10'02 -403 Aug 02 j 07:35 9°**Ω**20'01 0.62823 AU inferior conj min Earth dist -404 Aug 22 j 03:30 23°Ω01'36 3°08'40 -403 Aug 05 j 03:46 6°**Ω**34'59 -3°56'02 inferior conj minimum elong -404 Aug 28 j 09:19 -403 Aug 05 j 08:22 17°**Ω**46′01 minimum elong 6°Ω23'47 3°55'00 morning rise 17°**Ω**09′07 -403 Aug 12 j 00:15 -404 Aug 31 j 01:22 1°**£**26′05 morning rise direct -404 Sep 01 j 05:13 -403 Aug 14 j 12:55 17°**Ω**16′09 direct  $0^{\circ}\Omega.56'35$ asc. node 20°**Ω**36'57 18°01'40 -404 Sep 06 j 13:34 -403 Aug 19 j 02:16 2°Ω34'07 morning max el asc. node -404 Sep 13 j 15:50 0° m morning max el -403 Aug 21 j 05:04 4°**Ω**21'47 17°53'27 -404 Sep 24 j 03:09 17° m 20'59 -403 Sep 06 j 12:55 morning set morning set 29°**Ω**46'33 -404 Oct 01 j 16:34 -403 Sep 06 j 15:57 0∘**⊽** 0° m -404 Oct 07 j 13:17 -403 Sep 18 j 00:47 19° mp 45'05 1°03'07 superior conj 9°**£**33'51 0°23'33 superior conj minimum elong -404 Oct 07 j 15:59 9°**£**44'47 0°23'11 minimum elong -403 Sep 18 j 05:51 20° m 06'24 1°02'30 desc. node -404 Oct 11 j 03:35 15°**2**19'24 -403 Sep 24 j 05:34 0∘**⊽** max. Earth dist. -404 Oct 12 j 04:59 17°**♀**00'17 1.44551 AU max. Earth dist. -403 Sep 24 j 20:12 0°₽59'19 1.43414 AU -404 Oct 20 j 11:53  $0^{\circ}$ M -403 Sep 28 j 00:35 6°**△**05'39 desc. node -404 Oct 23 j 22:30 5°M19'40 -403 Oct 03 j 05:08 14°**♀**14'55 evening rise evening rise -404 Nov 06 j 22:33  $26^{\circ}$ M $_{3}6'00$ -403 Oct 13 j 13:54 0°M greatest brilliancy -0.6m -404 Nov 09 j 06:18 -403 Nov 02 j 09:20 26°M36'08 21°14'22 0°×7 evening max el -404 Nov 19 j 10:11 13°**∡**08'19 20°06'50 -403 Nov 06 j 07:21 0°**∡**7 evening max el -404 Nov 27 j 03:20 1°**∡**°44'04 retrograde 17°**∡**39'52 retrograde -403 Nov 11 i 00:39 -404 Nov 28 i 04:28 0°**∡**09'42 asc. node 17°**х** 33′36 evening set -403 Nov 15 i 02:55 -404 Nov 30 j 19:23 evening set 16°**₹**'21'26 asc. node -403 Nov 15 i 01:31 0° **₹**12'25 -404 Dec 06 i 06:22 10°**х** 17'47 2°31'16 -403 Nov 15 i 07:48 30°RML inferior coni -404 Dec 06 i 03:37 10°**х** 26′59 2°30′23 inferior coni -403 Nov 20 j 11:44 23°M56'16 1°47'16 minimum elong min. Earth dist. -404 Dec 07 j 02:21 9° **₹**10'51 0.66854 AU minimum elong -403 Nov 20 j 09:31 24°ML03'54 1°46'26 -404 Dec 11 j 11:40 4°**₹**04'48 min. Earth dist. -403 Nov 20 j 19:57 23°M28'00 0.67411 AU morning rise -404 Dec 17 j 07:21 1°**х** 30′22 -403 Nov 25 j 15:58 direct morning rise 17°M42'45 -404 Dec 29 j 00:45 8°**∡**¹28'57 -403 Nov 30 j 20:22 morning max el 25°02'44 direct 15°M28'28 -403 Dec 11 j 09:35 -403 Jan 07 j 02:49 19°**₹**'08'28 morning max el 21°M45'36 23°36'10 desc. node 0°る -403 Jan 14 j 23:03 -403 Dec 18 j 13:00 0°**∡**7 -403 Feb 02 j 13:32 0°≈ desc. node -403 Dec 24 j 23:52 8°**х**³37'36 -403 Feb 03 j 05:38 -402 Jan 08 j 06:32 0°정 morning set 1°≈11'38 -403 Feb 06 j 21:57 -402 Jan 15 j 16:08 12°**る**09'04 max. Earth dist. 7°≈53'43 1.36881 AU morning set -402 Jan 19 j 17:17 19°る08'20 1.38937 AU max. Earth dist. -403 Feb 13 j 04:57 -402 Jan 25 j 17:38 superior conj 19°**≈**55'54 -1°35'39 0°≈ minimum elong -403 Feb 13 j 08:45 20°≈14'35 1°35'12 -403 Feb 18 j 05:57 0°**)**€ superior conj -402 Jan 27 j 04:09 2°≈40'53 -1°52'54 evening rise -403 Feb 21 j 12:42 6°**)**37'00 minimum elong -402 Jan 27 j 07:16 2°≈55'28 1°52'43 asc. node -403 Feb 24 j 03:47 11°**)** 50'19 evening rise -402 Feb 05 j 08:17 20°≈19'46 -403 Mar 06 j 20:36  $0^{\circ}\Upsilon$ -402 Feb 10 j 10:04 0°**)** 

-403 Mar 10 j 17:21

evening max el

4°Υ25'30 19°31'30

asc. node

-402 Feb 11 j 00:50

1°**)**(07'40

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 267 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style. |  |  |                       |                                |  |  |            |
|--|--|--|-----------------------|--------------------------------|--|--|------------|
| evening max el   | -402 Feb 21 j 17:08                        | 16° <b>) (</b> 42′29                   | 18°43'37              |                                | -401 Feb 05 j 13:40                        | 0° <b>)</b>                              |            |
| retrograde   | -402 Mar 01 j 17:32                        | 20° <b>)</b> 36′07                     |                       | retrograde                     | -401 Feb 12 j 01:56                        | 3° <b>∺</b> 00′10                        |            |
| evening set  | -402 Mar 04 j 02:05                        | 20° <b>∺</b> 17'12                     |                       | evening set                    | -401 Feb 14 j 15:26                        | 2° <b>∺</b> 33′20                        |            |
| inferior conj  | -402 Mar 11 j 19:31                        | 15° <b>)</b> 54′37                     |                       |                                | -401 Feb 19 j 01:30                        | 30° <b>₹</b> ≈                           |            |
| minimum elong  | -402 Mar 11 j 23:51                        | 15° <b>)</b> (46′30                    | 2°47'25               | inferior conj                  | -401 Feb 21 j 16:03                        | 27° <b>≈</b> 50'03                       | 3°34'33    |
| min. Earth dist.   | -402 Mar 15 j 03:35                        | 13° <b>¥</b> 25'57                     | 0.57704 AU            | minimum elong                  | -401 Feb 21 j 18:40                        | 27° <b>≈</b> 44'19                       |            |
| morning rise   | -402 Mar 19 j 18:42                        | 10° <b>)</b> (39′55                    |                       | min. Earth dist.               | -401 Feb 25 j 01:18                        | 24°≈54'20                                | 0.59741 AU |
| desc. node   | -402 Mar 22 j 23:00                        | 9° <b>)</b> (36′54                     |                       | morning rise                   | -401 Feb 28 j 19:45                        | 22°≈11'54                                |            |
| direct   | -402 Mar 25 j 09:31                        | 9° <b>¥</b> 22'05                      | 2 (21 1112            | direct                         | -401 Mar 07 j 07:58                        | 20°≈15'36                                |            |
| morning max el   | -402 Apr 08 j 17:46                        | 16° <b>)</b> 53'49                     | 26°14'42              | desc. node                     | -401 Mar 09 j 20:05                        | 20°≈32'11                                | 27017120   |
|  | -402 Apr 19 j 11:51                        | $^{\circ \gamma}$                      |                       | morning max el                 | -401 Mar 21 j 14:53                        | 28°≈00'36                                | 2/°1/'38   |
|  | -402 May 06 j 09:56                        | 0°8                                    |                       |                                | -401 Mar 23 j 13:25                        | 0° <b>Υ</b><br>0°Υ                       |            |
| morning set  | -402 May 07 j 07:53<br>-402 May 10 j 00:07 | 1° <b>と</b> 54'37<br>7° <b>と</b> 36'55 |                       |                                | -401 Apr 13 j 03:05                        | 0° γ<br>16° <b>Υ</b> 42'15               |            |
| asc. node  | -402 May 10 J 00.07                        | / 03033                                |                       | morning set asc. node          | -401 Apr 21 j 16:44<br>-401 Apr 26 j 21:11 | 27° <b>Υ</b> 47'08                       |            |
| superior conj  | -402 May 14 j 08:06                        | 17° <b>8</b> 04'26                     | 0°44'24               | asc. nouc                      | -401 Apr 27 j 21:30                        | 0° <b>8</b>                              |            |
| minimum elong  | -402 May 14 j 06:17                        | 16° <b>8</b> 54'29                     |                       |                                | -401 Apr 27 j 21.30                        | 0 0                                      |            |
| max. Earth dist.   | -402 May 14 j 18:35                        |  | 1.32490 AU            | superior conj                  | -401 Apr 28 j 19:50                        | 2° <b>8</b> 02'26                        | 0°20'28    |
| max. Dartii dist.  | -402 May 20 j 07:33                        | 0°II                                   | 1.52 170 110          | minimum elong                  | -401 Apr 28 j 18:56                        | 1° <b>8</b> 57'27                        |            |
| evening rise   | -402 May 21 j 08:02                        | 2° <b>∏</b> 08'15                      |                       | max. Earth dist.               | -401 Apr 28 j 07:21                        | 0° <b>8</b> 53'59                        | 1.32356 AU |
| e vennig rise  | -402 Jun 05 j 11:52                        | 0°9                                    |                       | evening rise                   | -401 May 05 j 17:32                        | 17° <b>8</b> 00'28                       | 1.52550116 |
| desc. node   | -402 Jun 18 j 22:15                        | 17°5947'04                             |                       | 8                              | -401 May 12 j 04:55                        | 0°Щ                                      |            |
| evening max el   | -402 Jun 20 j 23:13                        | 19°5549'39                             | 26°55'35              |                                | -401 Jun 01 j 11:57                        | 0°ತಾ                                     |            |
| retrograde   | -402 Jul 04 j 22:08                        | 27° <b>©</b> 06'38                     |                       | evening max el                 | -401 Jun 02 j 21:21                        | 1° <b>5</b> 22'46                        | 25°55'59   |
| evening set  | -402 Jul 11 j 19:57                        | 24° <b>©</b> 59'57                     |                       | desc. node                     | -401 Jun 05 j 19:17                        | 3° <b>©</b> 55'44                        |            |
| min. Earth dist.   | -402 Jul 15 j 13:04                        | 22° <b>5</b> 19'31                     | 0.60870 AU            | retrograde                     | -401 Jun 16 j 22:46                        | 8° <b>©</b> 35'42                        |            |
| inferior conj  | -402 Jul 18 j 19:06                        | 19° <b>©</b> 33'27                     | -4°29'55              | evening set                    | -401 Jun 23 j 00:45                        | 7° <b>5</b> 06'17                        |            |
| minimum elong  | -402 Jul 18 j 22:23                        | 19° <b>©</b> 26'25                     | 4°29'30               | min. Earth dist.               | -401 Jun 27 j 10:00                        | 4° <b>5</b> 26'21                        | 0.58809 AU |
| morning rise   | -402 Jul 26 j 02:36                        | 14°5945'56                             |                       | inferior conj                  | -401 Jun 30 j 17:28                        | 1° <b>©</b> 59'31                        | -4°42'44   |
| direct   | -402 Jul 28 j 14:07                        | 14° <b>©</b> 21'35                     |                       | minimum elong                  | -401 Jun 30 j 17:23                        | 1° <b>©</b> 59'39                        | 4°42'43    |
| morning max el   | -402 Aug 04 j 18:09                        | 17° <b>©</b> 53'27                     | 18°04'08              |                                | -401 Jul 03 j 12:41                        | 30°RⅡ                                    |            |
| asc. node  | -402 Aug 05 j 23:20                        | 19° <b>5</b> 09'12                     |                       | morning rise                   | -401 Jul 08 j 12:26                        | 27° <b>Ⅱ</b> 34'13                       |            |
|  | -402 Aug 13 j 10:57                        | $0$ $^{\circ}\Omega$                   |                       | direct                         | -401 Jul 11 j 00:39                        | 27° <b>Ⅱ</b> 13'21                       |            |
| morning set  | -402 Aug 20 j 15:58                        | 13° <b>Ω</b> 02'04                     |                       |                                | -401 Jul 17 j 21:06                        | 0°€                                      |            |
|  | -402 Aug 29 j 22:09                        | 0° <b>m</b>                            |                       | morning max el                 | -401 Jul 19 j 01:41                        | 1°502'51                                 | 18°34'46   |
|  | 402 4 20:15.24                             | 10 m. 17142                            | 1020127               | asc. node                      | -401 Jul 23 j 20:25                        | 6°545'48                                 |            |
| superior conj  | -402 Aug 30 j 15:24                        | 1° Mp 16'43                            |                       | morning set                    | -401 Aug 04 j 07:24                        | 26°954'18                                |            |
| minimum elong<br>max. Earth dist.  | -402 Aug 30 j 19:31<br>-402 Sep 07 j 05:50 | 1° Mp 34'58                            | 1°29°15<br>1.41757 AU |                                | -401 Aug 05 j 21:45                        | $0^{\circ}\Omega$                        |            |
| evening rise   | -402 Sep 07 j 03.30<br>-402 Sep 12 j 22:45 | 23° Mp 42'46                           | 1.41/3/ AU            | superior conj                  | -401 Aug 13 j 04:20                        | 13° <b>Ω</b> 54'59                       | 1942!20    |
| desc. node   | -402 Sep 12 j 22:45                        | 26° Tp 49'13                           |                       | minimum elong                  | -401 Aug 13 j 06:18                        | 13 <b>δι</b> 34 39<br>14° <b>Ω</b> 04'08 | 1°43'33    |
| dese. Hode   | -402 Sep 16 j 22:12                        | 20° <u>م</u><br>0° <u>م</u>            |                       | max. Earth dist.               | -401 Aug 20 j 10:19                        | 27°Ω02'25                                | 1.39808 AU |
|  | -402 Sep 10 j 22:12                        | 0° <b>™</b>                            |                       | max. Lartii dist.              | -401 Aug 22 j 03:15                        | 0° m                                     | 1.57000 AC |
| evening max el   | -402 Oct 16 j 02:53                        | 10°M04'57                              | 22°31'00              | evening rise                   | -401 Aug 24 j 15:21                        | 4° m) 15'33                              |            |
| retrograde   | -402 Oct 25 j 20:06                        | 15° <b>M</b> 51'40                     | 22 31 00              | desc. node                     | -401 Sep 01 j 18:37                        | 17° <b>m</b> ) 26'02                     |            |
| evening set  | -402 Oct 30 j 10:31                        | 13°M59'54                              |                       |                                | -401 Sep 10 j 03:02                        | 0∘ <b>⊽</b>                              |            |
| asc. node  | -402 Nov 01 j 22:34                        | 11°M25'56                              |                       | evening max el                 | -401 Sep 28 j 16:21                        | 23° <b>Ω</b> 36'26                       | 23°51'18   |
| inferior conj  | -402 Nov 04 j 18:43                        | 7°M40'22                               | 0°58'03               | retrograde                     | -401 Oct 09 j 12:12                        | 29° <b>₽</b> 59'02                       |            |
| minimum elong  | -402 Nov 04 j 17:24                        | 7° <b>M</b> 44'55                      | 0°57'30               | evening set                    | -401 Oct 14 j 16:30                        | 27° <b>≏</b> 49'12                       |            |
| min. Earth dist.   | -402 Nov 04 j 16:14                        | 7° <b>M</b> 48'57                      | 0.67634 AU            | min. Earth dist.               | -401 Oct 19 j 12:43                        | 22° <b>≙</b> 11'02                       | 0.67545 AU |
| morning rise   | -402 Nov 10 j 00:10                        | 1°M28'37                               |                       | asc. node                      | -401 Oct 19 j 19:38                        | 21° <b>≏</b> 47'31                       |            |
|  | -402 Nov 12 j 10:55                        | 30° <b>₹</b> Ω                         |                       | inferior conj                  | -401 Oct 20 j 01:30                        | 21° <b>≏</b> 27'33                       | 0°05'04    |
| direct   | -402 Nov 14 j 13:37                        | 29° <b>≏</b> 36'40                     |                       | minimum elong                  | -401 Oct 20 j 01:23                        | 21° <b>≏</b> 27'58                       | 0°05'01    |
|  | -402 Nov 16 j 18:58                        | 0°M                                    |                       | transit middle                 | -401 Oct 20 j 01:23                        | 21° <b>≏</b> 27'58                       | 0°05'01    |
| morning max el   | -402 Nov 23 j 21:31                        | 5°M07'38                               | 22°09'22              | transit begin                  | -401 Oct 19 j 22:47                        | 21° <b>≏</b> 36'46                       |            |
| desc. node   | -402 Dec 11 j 20:55                        | 28°M34'03                              |                       | transit end                    | -401 Oct 20 j 03:58                        | 21° <b>≏</b> 19'11                       |            |
|  | -402 Dec 12 j 20:18                        | 0°⊀                                    |                       | morning rise                   | -401 Oct 25 j 10:12                        | 15° <b>≏</b> 20'10                       |            |
| morning set  | -402 Dec 26 j 21:50                        | 21° <b>₹</b> 42'20                     |                       | direct                         | -401 Oct 29 j 10:00                        | 13° <b>Ω</b> 50'00                       | 200/0:     |
| F 4 11 .   | -402 Dec 31 j 23:06                        | 0°る                                    | 1 41020 433           | morning max el                 | -401 Nov 06 j 15:38                        | 18° <b>≏</b> 37'46                       | 20°49'52   |
| max. Earth dist.   | -401 Jan 01 j 14:39                        | 1° <b>る</b> 05'07                      | 1.41039 AU            |                                | -401 Nov 15 j 20:35                        | 0°M                                      |            |
| ·  | 401 L 00:00 01                             | 140=720117                             | 2001107               | desc. node                     | -401 Nov 28 j 17:56                        | 18°M49'34                                |            |
| superior conj  | -401 Jan 09 j 09:04                        | 14° <b>る</b> 30'17                     |                       | morning set                    | -401 Dec 06 j 01:47                        | 0° द्र <b>'</b> 05'02<br>0° द्र <b>'</b> |            |
| minimum elong  | -401 Jan 09 j 09:37<br>-401 Jan 17 j 20:43 | 14°る32'46<br>0°≈                       | 2 01 08               | max. Earth dist.               | -401 Dec 06 j 00:29<br>-401 Dec 14 j 19:11 | 13° <b>∡</b> ′57′13                      | 1.42896 AU |
| evening rise   | -401 Jan 17 j 20:43                        | 0°≈<br>3°≈26'50                        |                       | max. Earth tist.               | -401 DCC 14 J 19.11                        | 13 7.3/13                                | 1.42070 AU |
| •  | 101 2011 17 11/.04                         | J ~~~~U JU                             |                       |                                |  |  |            |
| asc node   | -  | 19°\$\$56'30                           |                       | superior coni                  | -401 Dec 21 i 14:00                        | 25° 🛂 10'4/                              | -1°55'53   |
| asc. node<br>evening max el  | -401 Jan 28 j 21:54<br>-401 Feb 05 j 00:16 | 19°≈56'39<br>29°≈28'26                 | 18°15'48              | superior conj<br>minimum elong | -401 Dec 21 j 14:09<br>-401 Dec 21 j 10:14 | 25° <b>х</b> 10'44<br>24° <b>х</b> 54'15 |            |

Planetary Phenomena of Mercury from -900 through -398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 268 Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

|  |   | •  |  | • • •  | 901 BCE in historical cou  |   |  |
|--|---|--|--|--|--|---|--|
|  | -401 Dec 24 j 10:15   | 0°る  |  | superior conj  | -400 Nov 30 j 16:13  | 4° <b>∡</b> ³36'41  |  |
| evening rise   | -400 Jan 02 j 11:03   | 15° <b>る</b> 49'17   |  | minimum elong  | -400 Nov 30 j 08:20  | 4° <b>∡</b> °04'59  | 1°32'22  |
|  | -400 Jan 10 j 13:09   | 0° <b>≈</b>  |  | evening rise   | -400 Dec 14 j 09:56  | 27° <b>∡</b> 19'33  |  |
| asc. node  | -400 Jan 15 j 18:57   | 8° <b>≈</b> 08'07  |  |  | -400 Dec 15 j 23:51  | o°る   |  |
| evening max el   | -400 Jan 19 j 11:34   | 12° <b>≈</b> 34′08   | 18°07'47   | asc. node  | -399 Jan 01 j 15:59  | 25° <b>る</b> 30'48  |  |
| retrograde   | -400 Jan 26 j 01:36   | 15° <b>≈</b> 59'09   |  | evening max el   | -399 Jan 02 j 00:06  | 25° <b>る</b> 51'48  | 18°18'46   |
| evening set  | -400 Jan 28 j 19:33   | 15° <b>≈</b> 23'08   |  | retrograde   | -399 Jan 08 j 12:06  | 29° <b>る</b> 23'00  |  |
| inferior conj  | -400 Feb 04 j 06:46   | 10° <b>≈</b> 18'40   | 3°51'11  | evening set  | -399 Jan 11 j 10:34  | 28° <b>る</b> 36'57  |  |
| minimum elong  | -400 Feb 04 j 07:05   | 10° <b>≈</b> 17'52   | 3°51'10  | inferior conj  | -399 Jan 17 j 11:44  | 23° <b>る</b> 12'35  | 3°46'05  |
| min. Earth dist.   | -400 Feb 07 j 06:19   | 7° <b>≈</b> 21'01  | 0.61819 AU   | minimum elong  | -399 Jan 17 j 10:14  | 23°る16'46   | 3°45'56  |
| morning rise   | -400 Feb 10 j 17:23   | 4°≈25'44   | 0.01017110   | min. Earth dist.   | -399 Jan 19 j 20:41  | 20°る33'39   | 0.63687 AU   |
| direct   | -400 Feb 17 j 16:20   | 1°≈57'04   |  | morning rise   | -399 Jan 23 j 09:17  | 17° <b>る</b> 10'13  | 0.03007 AC   |
| desc. node   |   | 1 ≈3704<br>4°≈08'48  |  | •  | -  | 17 81013<br>14° <b>8</b> 22'38  |  |
|  | -400 Feb 24 j 17:08   |  | 27045147   | direct   | -399 Jan 30 j 08:35  |   |  |
| morning max el   | -400 Mar 02 j 18:03   | 9° <b>≈</b> 47'31  | 27°45'47   | desc. node   | -399 Feb 10 j 14:10  | 19°る52'51   | 27027100   |
|  | -400 Mar 18 j 11:01   | 0° <b>)</b> €  |  | morning max el   | -399 Feb 13 j 01:51  | 22° <b>る</b> 12'35  | 27°37'08   |
|  | -400 Apr 04 j 06:34   | 0° <b>Υ</b>  |  |  | -399 Feb 19 j 22:53  | 0° <b>≈</b>   |  |
| morning set  | -400 Apr 04 j 21:11   | 1° <b>Y</b> 14'15  |  |  | -399 Mar 11 j 14:55  | 0° <b>∀</b>   |  |
| max. Earth dist.   | -400 Apr 10 j 17:59   | 13° <b>Y</b> 36'33   | 1.32591 AU   | morning set  | -399 Mar 19 j 18:41  | 15° <b>)</b> €21'40   |  |
|  |   |  |  | max. Earth dist.   | -399 Mar 24 j 22:31  | 25° <b>)</b> 55′43  | 1.33226 AU   |
| superior conj  | -400 Apr 12 j 06:17   | 16° <b>Ƴ</b> 53′25   | -0°05'18   |  | -399 Mar 26 j 20:39  | $0^{\circ}$ Y   |  |
| minimum elong  | -400 Apr 12 j 06:31   | 16° <b>Ƴ</b> 54'45   | 0°05'14  |  |  |   |  |
| behind sun begin   | -400 Apr 12 j 01:40   | 16° <b>Ƴ</b> 28'20   |  | superior conj  | -399 Mar 27 j 13:34  | 1° <b>Y</b> ′30′23  | -0°31'56   |
| behind sun end   | -400 Apr 12 j 11:23   | 17° <b>Ƴ</b> 21'11   |  | minimum elong  | -399 Mar 27 j 15:06  | 1° <b>Y</b> '38'33  | 0°31'36  |
| asc. node  | -400 Apr 12 j 18:15   | 17° <b>Y</b> ′58'37  |  | asc. node  | -399 Mar 30 j 15:17  | 8° <b>Υ</b> 06'35   |  |
| uov. Irodo   | -400 Apr 18 j 07:16   | 0°8  |  | evening rise   | -399 Apr 03 j 16:44  | 16° <b>Ƴ</b> 47'09  |  |
| evening rise   | -400 Apr 19 j 05:05   | 1° <b>8</b> 55'57  |  | evening rise   | -399 Apr 10 j 07:09  | 0°8   |  |
| evening rise   | 1 3   | 0°Ⅱ  |  | arranina marral  | -399 Apr 10 j 07:09  | 22° <b>8</b> 52'01  | 22057100   |
|  | -400 May 04 j 13:51   | 12° <b>П</b> 17'03   | 24922104   | evening max el   |  | 22 <b>8</b> 32 01 29° <b>8</b> 28'55  | 22 37 08   |
| evening max el   | -400 May 14 j 13:44   |  | 24 32 04   | retrograde   | -399 May 09 j 12:41  | _   |  |
| desc. node   | -400 May 22 j 16:20   | 18° <b>Ⅱ</b> 01'50   |  | desc. node   | -399 May 09 j 13:23  | 29° <b>8</b> 28'55  |  |
| retrograde   | -400 May 28 j 12:05   | 19° <b>∏</b> 19'15   |  | evening set  | -399 May 12 j 21:34  | 29° <b>8</b> 04'02  |  |
| evening set  | -400 Jun 02 j 06:51   | 18° <b>Ⅱ</b> 27'52   |  | min. Earth dist.   | -399 May 20 j 13:54  | 25° <b>8</b> 40'04  | 0.55559 AU   |
| min. Earth dist.   | -400 Jun 08 j 01:13   | 15° <b>Ⅲ</b> 32'15   | 0.56926 AU   | inferior conj  | -399 May 22 j 03:20  | 24° <b>8</b> 45'59  |  |
| inferior conj  | -400 Jun 10 j 20:05   | 13° <b>Ⅱ</b> 44'51   | -4°22'24   | minimum elong  | -399 May 21 j 20:11  | 24° <b>8</b> 56'20  | 3°16'23  |
| minimum elong  | -400 Jun 10 j 15:25   | 13° <b>Ⅱ</b> 52'25   | 4°21'46  | morning rise   | -399 May 30 j 21:16  | 20° <b>8</b> 51'52  |  |
| morning rise   | -400 Jun 19 j 02:47   | 9° <b>Ⅱ</b> 39'25  |  | direct   | -399 Jun 02 j 14:52  | 20° <b>8</b> 34'12  |  |
| direct   | -400 Jun 21 j 17:02   | 9° <b>Ⅱ</b> 20'50  |  | morning max el   | -399 Jun 13 j 13:10  | 25° <b>8</b> 38'15  | 20°38'34   |
| morning max el   | -400 Jul 01 j 00:46   | 13° <b>Ⅱ</b> 40′51   | 19°26'18   | -  | -399 Jun 17 j 13:22  | $\Pi^{\circ}0$  |  |
| asc. node  | -400 Jul 09 j 17:28   | 25° <b>Ⅱ</b> 10′18   |  | asc. node  | -399 Jun 26 j 14:31  | 14° <b>Ⅱ</b> 10′22  |  |
| uov. Irodo   | -400 Jul 12 j 11:44   | 0.82   |  |  |  | 25° <b>I</b> 52'36  |  |
| morning set  |   |  |  |  | -399 Int -02 i 13:36   |   |  |
|  | 3   |  |  | morning set  | -399 Jul 02 j 13:36  |   |  |
| 8 - 2 - 1  | -400 Jul 18 j 07:34   | 11° <b>©</b> 14'08   |  | morning set  | -399 Jul 02 j 13:36<br>-399 Jul 04 j 13:39   | 0°3   |  |
|  | -400 Jul 18 j 07:34   | 11° <b>©</b> 14'08   | 1947/21  |  | -399 Jul 04 j 13:39  | 0° <b>©</b>   | 1042150  |
| superior conj  | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01  | 11°5514'08<br>27°5524'39   | 1°47'21  | superior conj  | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32   | 0°5<br>11°530'47  |  |
|  | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55   | 11°\$514'08<br>27°\$24'39<br>27°\$24'13  | 1°47'21<br>1°47'22   | superior conj<br>minimum elong   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00  | 0°5<br>11°530'47<br>11°522'55   | 1°42'53  |
| superior conj<br>minimum elong   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54  | 11°514'08<br>27°524'39<br>27°524'13<br>0°Ω   | 1°47'22  | superior conj<br>minimum elong<br>max. Earth dist.   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00<br>-399 Jul 14 j 20:59   | 0°95<br>11°930'47<br>11°9522'55<br>20°957'24  |  |
| superior conj<br>minimum elong<br>max. Earth dist.   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37   | 11°S14'08 27°S24'39 27°S24'13 0°N 9°N07'40   |  | superior conj<br>minimum elong   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00<br>-399 Jul 14 j 20:59<br>-399 Jul 18 j 23:07  | 0°95<br>11°930'47<br>11°9522'55<br>20°9557'24<br>28°9545'04   | 1°42'53  |
| superior conj<br>minimum elong   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54  | 11°\$\tilde{9}14'08  27°\$\tilde{9}24'13  0°\$\tilde{\Omega}  9°\$\tilde{\Omega}07'40  15°\$\tilde{\Omega}59'51  | 1°47'22  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00<br>-399 Jul 14 j 20:59<br>-399 Jul 18 j 23:07<br>-399 Jul 19 j 15:17   | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°\$\Omega\$  | 1°42'53  |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37   | 11°\$14'08  27°\$24'39 27°\$24'13 0°\$\Omega\$ 9°\$\Omega\$07'40 15°\$\Omega\$59'51 0°\$\Omega\$   | 1°47'22  | superior conj<br>minimum elong<br>max. Earth dist.   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00<br>-399 Jul 14 j 20:59<br>-399 Jul 18 j 23:07<br>-399 Jul 19 j 15:17<br>-399 Aug 05 j 12:40  | 0°5<br>11°530'47<br>11°522'55<br>20°557'24<br>28°545'04<br>0°\$<br>28°\$00'44   | 1°42'53  |
| superior conj<br>minimum elong<br>max. Earth dist.   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37<br>-400 Aug 05 j 08:47  | 11°\$\tilde{9}14'08  27°\$\tilde{9}24'13  0°\$\tilde{\Omega}  9°\$\tilde{\Omega}07'40  15°\$\tilde{\Omega}59'51  | 1°47'22  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00<br>-399 Jul 14 j 20:59<br>-399 Jul 18 j 23:07<br>-399 Jul 19 j 15:17   | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°\$\Omega\$  | 1°42'53  |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37<br>-400 Aug 05 j 08:47<br>-400 Aug 13 j 15:28   | 11°\$14'08  27°\$24'39 27°\$24'13 0°\$\Omega\$ 9°\$\Omega\$07'40 15°\$\Omega\$59'51 0°\$\Omega\$   | 1°47'22  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00<br>-399 Jul 14 j 20:59<br>-399 Jul 18 j 23:07<br>-399 Jul 19 j 15:17<br>-399 Aug 05 j 12:40  | 0°5<br>11°530'47<br>11°522'55<br>20°557'24<br>28°545'04<br>0°\$<br>28°\$00'44   | 1°42'53<br>1.36005 AU  |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37<br>-400 Aug 05 j 08:47<br>-400 Aug 13 j 15:28<br>-400 Aug 18 j 15:38  | 11°\$14'08  27°\$24'39 27°\$24'13 0°\$\Omega\$007'40 15°\$\Omega\$59'51 0°\$\Omega\$70\Omega\$70\Omega\$702  | 1°47'22  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00<br>-399 Jul 14 j 20:59<br>-399 Jul 18 j 23:07<br>-399 Jul 19 j 15:17<br>-399 Aug 05 j 12:40<br>-399 Aug 06 j 21:14   | 0°\$-11°\$30'47 11°\$22'55 20°\$57'24 28°\$45'04 0°\$\lambda\$ 28°\$\lambda00'44 0°\$\text{m}\$   | 1°42'53<br>1.36005 AU  |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37<br>-400 Aug 05 j 08:47<br>-400 Aug 13 j 15:28<br>-400 Aug 18 j 15:38<br>-400 Sep 03 j 15:54   | 27°\$24'39 27°\$24'13 0°\$\Omega\$ 9°\$\Omega\$07'40 15°\$\Omega\$59'51 0°\$\Omega\$ 7°\$\Omega\$52'02 0°\$\Omega\$  | 1°47'22<br>1.37817 AU  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node   | -399 Jul 04 j 13:39<br>-399 Jul 10 j 03:32<br>-399 Jul 10 j 02:00<br>-399 Jul 14 j 20:59<br>-399 Jul 18 j 23:07<br>-399 Jul 19 j 15:17<br>-399 Aug 05 j 12:40<br>-399 Aug 06 j 21:14<br>-399 Aug 23 j 15:36  | 0°\$ 11°\$30'47 11°\$22'55 20°\$57'24 28°\$45'04 0°\$\Omega\$ 28°\$\Omega\$00'44 0°\$\mathrm{m}\$ 20°\$\mathrm{m}\$48'18  | 1°42'53<br>1.36005 AU  |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde   | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37<br>-400 Aug 05 j 08:47<br>-400 Aug 13 j 15:28<br>-400 Aug 18 j 15:38<br>-400 Sep 03 j 15:54<br>-400 Sep 10 j 04:05<br>-400 Sep 22 j 00:05   | 11°\$14'08  27°\$24'39 27°\$24'13 0°\$\hat{\Omega}\$ 9°\$\hat{\Omega}\$07'40 15°\$\hat{\Omega}\$59'51 0°\$\hat{\Omega}\$ 7°\$\mathbf{\Omega}\$52'02 0°\$\mathbf{\Omega}\$ 7°\$\mathbf{\Omega}\$12'09 14°\$\mathbf{\Omega}\$03'00   | 1°47'22<br>1.37817 AU  | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set  | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°1017'49  | 1°42'53<br>1.36005 AU<br>26°14'37  |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set  | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37<br>-400 Aug 05 j 08:47<br>-400 Aug 13 j 15:28<br>-400 Aug 18 j 15:38<br>-400 Sep 03 j 15:54<br>-400 Sep 10 j 04:05<br>-400 Sep 22 j 00:05<br>-400 Sep 27 j 19:08  | 27°\$24'39 27°\$24'13 0°\$\Omega\$ 9°\$\Omega\$07'40 15°\$\Omega\$59'51 0°\$\Omega\$ 7°\$\Dmathbf{\textit{D}}\$52'02 0°\$\Dmathbf{\textit{O}}\$ 7°\$\Dmathbf{\textit{D}}\$12'09 14°\$\Dmathbf{\textit{O}}\$36'10   | 1°47'22<br>1.37817 AU<br>25°08'20                                      | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.  | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 15 j 20:26   | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°1017'49 20°10551'34  | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU                                    |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.  | -400 Jul 18 j 07:34<br>-400 Jul 26 j 10:01<br>-400 Jul 26 j 09:55<br>-400 Jul 27 j 17:54<br>-400 Aug 01 j 13:37<br>-400 Aug 05 j 08:47<br>-400 Aug 13 j 15:28<br>-400 Aug 18 j 15:38<br>-400 Sep 03 j 15:54<br>-400 Sep 10 j 04:05<br>-400 Sep 22 j 00:05<br>-400 Sep 27 j 19:08<br>-400 Oct 02 j 06:55   | 27°\$24'39 27°\$24'13 0°\$\Omega\$ 9°\$\Omega\$07'40 15°\$\Omega\$59'51 0°\$\Omega\$ 7°\$\Dmathbf{1}2'09 14°\$\Dmathbf{2}03'00 11°\$\Dmathbf{3}36'10 6°\$\Dmathbf{2}32'59  | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU                        | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 15 j 20:26  -399 Sep 17 j 07:27  | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°N 28°N00'44 0°M 20°M48'18 27°M57'58 25°M17'49 20°M51'34 19°M03'25   | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56                        |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj   | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  | 27°\$24'39 27°\$24'13 0°\$\Omega\$ 9°\$\Omega\$07'40 15°\$\Omega\$59'51 0°\$\Omega\$ 7°\$\Omega\$12'09 14°\$\Omega\$03'00 11°\$\Omega\$32'59 5°\$\Omega\$16'13   | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07            | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong  | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 15 j 20:26  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07   | 0°95 11°930'47 11°922'55 20°957'24 28°945'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°101134 19°1003'25 18°1055'10  | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56                        |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong  | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37   | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$32'59  5°\$\Omega\$16'13  5°\$\Omega\$12'08   | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU                        | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 15 j 20:26  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  | 0°95 11°930'47 11°922'55 20°957'24 28°945'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°1017'49 20°1051'34 19°1003'25 18°1055'10 13°1036'33   | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56                        |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj   | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 05 j 16:41   | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$2'02  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$32'59  5°\$\Omega\$16'13  5°\$\Omega\$12'08  2°\$\Omega\$13'11  | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07            | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  -399 Sep 23 j 04:04  | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°1017'49 20°1055'134 19°1003'25 18°1055'10 13°1036'33 13°1013'36  | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56                        |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node                               | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37  -400 Oct 07 j 21:10  | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$2'02  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$32'59  5°\$\Omega\$16'13  5°\$\Omega\$12'08  2°\$\Omega\$13'11  30°\$\Omega\$   | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07            | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct  | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  -399 Sep 23 j 04:04  -399 Sep 26 j 06:22   | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0° N 28° N00'44 0° M 20° M48'18 27° M57'58 25° M17'49 20° M51'34 19° M03'25 18° M55'10 13° M36'33 13° M36'33 13° M13'36 12° M18'54  | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53             |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node                               | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37  -400 Oct 07 j 21:10  -400 Oct 08 j 20:11   | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$32'59  5°\$\Omega\$16'13  5°\$\Omega\$12'08  2°\$\Omega\$13'11  30°\$\Omega\$\Omega\$2"\$\Omega\$18'208   | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07            | superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node<br>morning rise   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32 -399 Jul 10 j 02:00 -399 Jul 14 j 20:59 -399 Jul 18 j 23:07 -399 Jul 19 j 15:17 -399 Aug 05 j 12:40 -399 Aug 06 j 21:14 -399 Aug 23 j 15:36 -399 Sep 05 j 07:09 -399 Sep 11 j 16:30 -399 Sep 17 j 07:27 -399 Sep 17 j 10:07 -399 Sep 22 j 13:42 -399 Sep 23 j 04:04 -399 Sep 26 j 06:22 -399 Oct 03 j 02:16   | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°10134 19°1003'25 18°1055'10 13°1036'33 13°1013'36 12°1018'54 16°1007'26  | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56                        |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node                               | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37  -400 Oct 07 j 21:10  -400 Oct 08 j 20:11  -400 Oct 12 j 08:10  | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$30'00  11°\$\Omega\$36'10  6°\$\Omega\$2'59  5°\$\Omega\$16'13  5°\$\Omega\$13'11  30°\$\Omega\$00'80  29°\$\Omega\$16'08  28°\$\Omega\$05'21   | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07            | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32 -399 Jul 10 j 02:00 -399 Jul 14 j 20:59 -399 Jul 18 j 23:07 -399 Jul 19 j 15:17 -399 Aug 05 j 12:40 -399 Aug 06 j 21:14 -399 Aug 23 j 15:36 -399 Sep 05 j 07:09 -399 Sep 11 j 16:30 -399 Sep 17 j 07:27 -399 Sep 17 j 10:07 -399 Sep 22 j 13:42 -399 Sep 23 j 04:04 -399 Sep 26 j 06:22 -399 Oct 03 j 02:16 -399 Oct 13 j 10:39   | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°N 28°N00'44 0°M 20°M48'18 27°M57'58 25°M17'49 20°M51'34 19°M03'25 18°M55'10 13°M36'33 13°M13'36 12°M18'54 16°M07'26 0°£   | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53             |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node                               | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37  -400 Oct 05 j 16:41  -400 Oct 08 j 20:11  -400 Oct 12 j 08:10  -400 Oct 17 j 03:01  | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$30'00  11°\$\Omega\$36'10  6°\$\Omega\$2'59  5°\$\Omega\$16'13  5°\$\Omega\$13'11  30°\$\Omega\$0  29°\$\Omega\$16'08  28°\$\Omega\$05'21  0°\$\Omega\$   | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07<br>0°49'35 | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32 -399 Jul 10 j 02:00 -399 Jul 14 j 20:59 -399 Jul 18 j 23:07 -399 Jul 19 j 15:17 -399 Aug 05 j 12:40 -399 Aug 06 j 21:14 -399 Aug 23 j 15:36 -399 Sep 05 j 07:09 -399 Sep 11 j 16:30 -399 Sep 17 j 07:27 -399 Sep 17 j 10:07 -399 Sep 22 j 13:42 -399 Sep 23 j 04:04 -399 Sep 26 j 06:22 -399 Oct 03 j 02:16 -399 Oct 13 j 10:39 -399 Oct 24 j 13:35   | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°1 28°100'44 0°1 20°1048'18 27°1057'58 25°1017'49 20°1051'34 19°1003'25 18°1055'10 13°1036'33 13°1013'36 12°1018'54 16°1007'26 0°1   | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53             |
| superior conj<br>minimum elong<br>max. Earth dist.<br>evening rise<br>desc. node<br>evening max el<br>retrograde<br>evening set<br>min. Earth dist.<br>inferior conj<br>minimum elong<br>asc. node                               | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37  -400 Oct 07 j 21:10  -400 Oct 08 j 20:11  -400 Oct 12 j 08:10  | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\mathcal{O}\$  9°\$\mathcal{O}\$07'40  15°\$\mathcal{O}\$59'51  0°\$\mathcal{O}\$  7°\$\mathcal{D}\$52'02  0°\$\mathcal{O}\$  7°\$\mathcal{D}\$12'09  14°\$\mathcal{D}\$30'00  11°\$\mathcal{D}\$36'10  6°\$\mathcal{D}\$32'59  5°\$\mathcal{D}\$16'13  5°\$\mathcal{D}\$12'08  2°\$\mathcal{D}\$13'11  30°\$\mathcal{D}\$\$\mathcal{D}\$\$  29°\$\mathcal{D}\$\$16'08  28°\$\mathcal{D}\$\$05'21  0°\$\mathcal{D}\$\$  2°\$\mathcal{D}\$\$18'27 | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07            | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32 -399 Jul 10 j 02:00 -399 Jul 14 j 20:59 -399 Jul 18 j 23:07 -399 Jul 19 j 15:17 -399 Aug 05 j 12:40 -399 Aug 06 j 21:14 -399 Aug 23 j 15:36 -399 Sep 05 j 07:09 -399 Sep 11 j 16:30 -399 Sep 17 j 07:27 -399 Sep 17 j 10:07 -399 Sep 22 j 13:42 -399 Sep 23 j 04:04 -399 Sep 26 j 06:22 -399 Oct 03 j 02:16 -399 Oct 13 j 10:39   | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°N 28°N00'44 0°M 20°M48'18 27°M57'58 25°M17'49 20°M51'34 19°M03'25 18°M55'10 13°M36'33 13°M13'36 12°M18'54 16°M07'26 0°£   | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53             |
| superior conj<br>minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node  morning rise direct                                     | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37  -400 Oct 05 j 16:41  -400 Oct 08 j 20:11  -400 Oct 12 j 08:10  -400 Oct 17 j 03:01  | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$30'00  11°\$\Omega\$36'10  6°\$\Omega\$2'59  5°\$\Omega\$16'13  5°\$\Omega\$13'11  30°\$\Omega\$0  29°\$\Omega\$16'08  28°\$\Omega\$05'21  0°\$\Omega\$   | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07<br>0°49'35 | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 17 j 10:07  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  -399 Sep 23 j 04:04  -399 Sep 26 j 06:22  -399 Oct 03 j 02:16  -399 Oct 13 j 10:39  -399 Oct 24 j 13:35  | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°1 28°100'44 0°1 20°1048'18 27°1057'58 25°1017'49 20°1051'34 19°1003'25 18°1055'10 13°1036'33 13°1013'36 12°1018'54 16°1007'26 0°1   | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53             |
| superior conj<br>minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node  morning rise direct                                     | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37  -400 Oct 05 j 16:41  -400 Oct 07 j 21:10  -400 Oct 12 j 08:10  -400 Oct 17 j 03:01  -400 Oct 19 j 17:29   | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\mathcal{O}\$  9°\$\mathcal{O}\$07'40  15°\$\mathcal{O}\$59'51  0°\$\mathcal{O}\$  7°\$\mathcal{D}\$52'02  0°\$\mathcal{O}\$  7°\$\mathcal{D}\$12'09  14°\$\mathcal{D}\$30'00  11°\$\mathcal{D}\$36'10  6°\$\mathcal{D}\$32'59  5°\$\mathcal{D}\$16'13  5°\$\mathcal{D}\$12'08  2°\$\mathcal{D}\$13'11  30°\$\mathcal{D}\$\$\mathcal{D}\$\$  29°\$\mathcal{D}\$\$16'08  28°\$\mathcal{D}\$\$05'21  0°\$\mathcal{D}\$\$  2°\$\mathcal{D}\$\$18'27 | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07<br>0°49'35 | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el   | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 15 j 20:26  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  -399 Sep 23 j 04:04  -399 Sep 26 j 06:22  -399 Oct 03 j 02:16  -399 Oct 13 j 10:39  -399 Oct 24 j 13:35  -399 Nov 01 j 11:58                      | 0°\$6  11°\$30'47  11°\$22'55  20°\$57'24  28°\$45'04  0°\$\Lambda\$  28°\$\Lambda\$00'44  0°\$\mathbf{m}\$  20°\$\mathbf{m}\$48'18  27°\$\mathbf{m}\$57'58  25°\$\mathbf{m}\$17'49  20°\$\mathbf{m}\$51'34  19°\$\mathbf{m}\$03'25  18°\$\mathbf{m}\$36'33  13°\$\mathbf{m}\$13'36  12°\$\mathbf{m}\$18'54  16°\$\mathbf{m}\$07'26  0°\$\mathbf{n}\$  17°\$\mathbf{n}\$26'50  29°\$\mathbf{n}\$57'40 | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53             |
| superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node  morning rise direct  morning max el                        | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 06:22  -400 Oct 03 j 07:37  -400 Oct 05 j 16:41  -400 Oct 07 j 21:10  -400 Oct 12 j 08:10  -400 Oct 17 j 03:01  -400 Oct 19 j 17:29  -400 Nov 08 j 13:57  | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$03'00  11°\$\Omega\$32'59  5°\$\Omega\$16'13  5°\$\Omega\$12'08  2°\$\Omega\$13'11  30°\$\Omega\$0\$  29°\$\Omega\$16'08  28°\$\Omega\$05'21  0°\$\Omega\$2"57  0°\$\Omega\$8"\$\Omega\$18'27  0°\$\Omega\$8"\$\Omega\$17'07  | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07<br>0°49'35 | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node                                 | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 15 j 20:26  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  -399 Sep 23 j 04:04  -399 Sep 26 j 06:22  -399 Oct 03 j 02:16  -399 Oct 13 j 10:39  -399 Oct 24 j 13:35  -399 Nov 01 j 11:58  -399 Nov 01 j 12:34 | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°1017'49 20°1051'34 19°1003'25 18°1055'10 13°103'33 13°1013'36 12°1018'54 16°1007'26 0°11 17°126'50 29°157'40 0°11  | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53             |
| superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node  morning rise direct  morning max el morning set desc. node | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 07:37  -400 Oct 03 j 07:37  -400 Oct 05 j 16:41  -400 Oct 07 j 21:10  -400 Oct 12 j 08:10  -400 Oct 17 j 03:01  -400 Oct 19 j 17:29  -400 Nov 08 j 13:57  -400 Nov 13 j 23:00  -400 Nov 14 j 14:56 | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$36'10  6°\$\Omega\$32'59  5°\$\Omega\$16'13  5°\$\Omega\$12'08  2°\$\Omega\$13'11  30°\$\Omega\$0  29°\$\Omega\$16'08  28°\$\Omega\$05'21  0°\$\Omega\$2  2°\$\Omega\$18'27  0°\$\Omega\$18'50  | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07<br>0°49'35 | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node  max. Earth dist.               | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 15 j 20:26  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  -399 Sep 23 j 04:04  -399 Sep 26 j 06:22  -399 Oct 03 j 02:16  -399 Oct 13 j 10:39  -399 Oct 24 j 13:35  -399 Nov 01 j 11:58  -399 Nov 09 j 00:51 | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°1013'49 20°1055'10 13°1036'33 13°1013'36 12°1018'54 16°1007'26 0°11 0°11 11°1148'38  | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53<br>18°50'23 |
| superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node  morning rise direct  morning max el morning set            | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 07:37  -400 Oct 05 j 16:41  -400 Oct 07 j 21:10  -400 Oct 12 j 08:10  -400 Oct 17 j 03:01  -400 Oct 19 j 17:29  -400 Nov 08 j 13:57  -400 Nov 13 j 23:00  -400 Nov 14 j 14:56  -400 Nov 26 j 07:33 | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$32'59  5°\$\Omega\$16'13  5°\$\Omega\$12'08  2°\$\Omega\$13'11  30°\$\Omega\$\Omega\$2'\$\Omega\$2'\$\Omega\$2'08  20°\$\Omega\$13'11  30°\$\Omega\$\Omega\$2'\$\Omega\$2'\$\Omega\$2'\$\Omega\$2'\$\Omega\$2'\$\Omega\$18'27  0°\$\Omega\$2\$\Omega\$18'27  0°\$\Omega\$2"\Omega\$18'50  27°\$\Omega\$18'50                                      | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07<br>0°49'35 | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node  max. Earth dist. superior conj | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 06 j 21:14  -399 Sep 05 j 07:09  -399 Sep 15 j 20:26  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  -399 Sep 23 j 04:04  -399 Sep 26 j 06:22  -399 Oct 03 j 02:16  -399 Oct 13 j 10:39  -399 Oct 24 j 13:35  -399 Nov 01 j 11:58  -399 Nov 09 j 20:57                      | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°1017'49 20°1055'134 19°103'25 18°1055'10 13°1036'33 13°1013'36 12°1018'54 16°1007'26 0°10 11°1048'38   | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53<br>18°50'23 |
| superior conj minimum elong  max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node  morning rise direct  morning max el morning set desc. node | -400 Jul 18 j 07:34  -400 Jul 26 j 10:01  -400 Jul 26 j 09:55  -400 Jul 27 j 17:54  -400 Aug 01 j 13:37  -400 Aug 05 j 08:47  -400 Aug 13 j 15:28  -400 Aug 18 j 15:38  -400 Sep 03 j 15:54  -400 Sep 10 j 04:05  -400 Sep 22 j 00:05  -400 Sep 27 j 19:08  -400 Oct 02 j 06:55  -400 Oct 03 j 07:37  -400 Oct 03 j 07:37  -400 Oct 05 j 16:41  -400 Oct 07 j 21:10  -400 Oct 12 j 08:10  -400 Oct 17 j 03:01  -400 Oct 19 j 17:29  -400 Nov 08 j 13:57  -400 Nov 13 j 23:00  -400 Nov 14 j 14:56 | 11°\$14'08  27°\$24'39  27°\$24'13  0°\$\Omega\$  9°\$\Omega\$07'40  15°\$\Omega\$59'51  0°\$\Omega\$  7°\$\Omega\$12'09  14°\$\Omega\$36'10  6°\$\Omega\$32'59  5°\$\Omega\$16'13  5°\$\Omega\$12'08  2°\$\Omega\$13'11  30°\$\Omega\$0  29°\$\Omega\$16'08  28°\$\Omega\$05'21  0°\$\Omega\$2  2°\$\Omega\$18'27  0°\$\Omega\$18'50  | 1°47'22<br>1.37817 AU<br>25°08'20<br>0.67143 AU<br>-0°50'07<br>0°49'35 | superior conj minimum elong max. Earth dist. evening rise  desc. node  evening max el retrograde evening set min. Earth dist. inferior conj minimum elong asc. node morning rise direct morning max el  morning set desc. node  max. Earth dist.               | -399 Jul 04 j 13:39  -399 Jul 10 j 03:32  -399 Jul 10 j 02:00  -399 Jul 14 j 20:59  -399 Jul 18 j 23:07  -399 Jul 19 j 15:17  -399 Aug 05 j 12:40  -399 Aug 06 j 21:14  -399 Aug 23 j 15:36  -399 Sep 05 j 07:09  -399 Sep 11 j 16:30  -399 Sep 15 j 20:26  -399 Sep 17 j 07:27  -399 Sep 17 j 10:07  -399 Sep 22 j 13:42  -399 Sep 23 j 04:04  -399 Sep 26 j 06:22  -399 Oct 03 j 02:16  -399 Oct 13 j 10:39  -399 Oct 24 j 13:35  -399 Nov 01 j 11:58  -399 Nov 09 j 00:51 | 0°5 11°530'47 11°522'55 20°557'24 28°545'04 0°10 28°100'44 0°10 20°1048'18 27°1057'58 25°1013'49 20°1055'10 13°1036'33 13°1013'36 12°1018'54 16°1007'26 0°11 0°11 11°1148'38  | 1°42'53<br>1.36005 AU<br>26°14'37<br>0.66396 AU<br>-1°45'56<br>1°44'53<br>18°50'23 |

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

| evening rise     | -399 Nov 25 j 09:59 | 7° <b>∡</b> °52′03 |            |
|------------------|---------------------|--------------------|------------|
|                  | -399 Dec 09 j 08:25 | 5°0                |            |
| evening max el   | -399 Dec 16 j 11:18 | 9° <b>ට</b> 16'05  | 18°47'52   |
| asc. node        | -399 Dec 19 j 13:00 | 11° <b>る</b> 51'22 |            |
| retrograde       | -399 Dec 23 j 05:22 | 13° <b>る</b> 04'13 |            |
| evening set      | -399 Dec 26 j 09:16 | 12° <b>る</b> 07'03 |            |
| inferior conj    | -398 Jan 01 j 03:12 | 6° <b>පි</b> 25'10 | 3°25'26    |
| minimum elong    | -398 Jan 01 j 00:40 | 6° <b>る</b> 32'53  | 3°24'57    |
| min. Earth dist. | -398 Jan 02 j 20:51 | 4° <b>る</b> 17'48  | 0.65215 AU |
| morning rise     | -398 Jan 06 j 15:44 | 0° <b>る</b> 16'42  |            |
|                  | -398 Jan 06 j 23:37 | 30°₽ <b>∡</b> 7    |            |