Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7900 in astronomical counting style is the year 7901 BCE in historical counting style. -7900 Jan 16 j 22:25 0°**∡**¹ min. Earth dist. -7896 Sep 15 j 21:06 27°538'09 0.98056 AU -7900 Feb 17 j 05:55 0°궁 -7896 Sep 18 j 04:27 $0^{\circ}\Omega$ -7900 Mar 15 j 15:22 26°る00'51 1.01943 AU -7896 Oct 17 j 12:31 max Earth dist 0° m -7900 Mar 19 j 20:17 -7896 Nov 16 j 04:09 0∘Ω 0°≈≈ 0°**)**€ -7900 Apr 20 j 09:48 -7896 Dec 16 j 08:26 0°M $0^{\circ}\Upsilon$ -7900 May 21 j 14:58 -7895 Jan 16 j 03:17 0°×7 -7900 Jun 21 j 06:48 0° 8 -7895 Feb 16 j 10:43 0°ಕ -7900 Jul 21 j 08:10 $0^{\circ}\Pi$ max. Earth dist. -7895 Mar 15 j 17:32 25°る54'30 1.01949 AU -7900 Aug 19 j 21:41 0ಂತಾ -7895 Mar 20 j 01:06 0°≈ min. Earth dist. -7900 Sep 14 j 12:45 26°513'58 0.98050 AU -7895 Apr 20 j 14:41 0°**)**€ -7900 Sep 18 j 04:59 0° Ω -7895 May 21 j 19:57 $0^{\circ}\Upsilon$ -7900 Oct 17 j 13:04 -7895 Jun 21 j 11:53 0° M 0°8 -7895 Jul 21 j 13:18 -7900 Nov 16 j 04:48 0∘**⊽** $0^{\circ}\Pi$ -7900 Dec 16 j 09:12 0°M -7895 Aug 20 j 02:53 0ಂತಾ -7899 Jan 16 j 04:10 0°**√** min. Earth dist. -7895 Sep 15 j 17:12 27°**©**13'29 0.98051 AU -7899 Feb 16 j 11:40 0°궁 -7895 Sep 18 j 10:12 $0^{\circ}\Omega$ max. Earth dist. -7899 Mar 17 j 17:58 27°る47'01 1.01950 AU -7895 Oct 17 j 18:17 0° m -7899 Mar 20 j 02:04 0°≈ -7895 Nov 16 j 09:58 0°Ω -7899 Apr 20 j 15:37 0°**∀** -7895 Dec 16 j 14:18 -7899 May 21 j 20:49 $0^{\circ}\Upsilon$ -7894 Jan 16 j 09:12 0°×7 -7899 Jun 21 j 12:41 0°8 -7894 Feb 16 j 16:40 0°궁 -7899 Jul 21 j 14:02 Π °0 max. Earth dist. -7894 Mar 17 j 23:44 27°る48'54 1.01946 AU -7899 Aug 20 j 03:33 0ಂಣ -7894 Mar 20 i 07:03 0°≈ min. Earth dist. -7899 Sep 14 i 21:42 26°521'49 0.98053 AU -7894 Apr 20 i 20:36 0°) -7899 Sep 18 j 10:48 $0^{\circ}\Omega$ -7894 May 22 j 01:50 $0^{\circ}\Upsilon$ -7899 Oct 17 j 18:52 0°m -7894 Jun 21 j 17:45 0°X -7899 Nov 16 j 10:34 0∘**⊽** -7894 Jul 21 j 19:10 0°Π -7899 Dec 16 j 14:58 -7894 Aug 20 j 08:44 oom. 0.00 -7894 Sep 14 j 12:26 -7898 Jan 16 j 09:57 0°×7 min Earth dist 25°544'38 0.98055 AU -7898 Feb 16 j 17:28 0°궁 -7894 Sep 18 j 16:04 0 $^{\circ}\Omega$ -7898 Mar 16 j 03:25 -7894 Oct 18 j 00:10 max. Earth dist. 26°る01'53 1.01951 AU 0° m -7898 Mar 20 j 07:51 0°≈ -7894 Nov 16 j 15:53 0∘ಹ 0°**)**€ -7898 Apr 20 j 21:24 -7894 Dec 16 j 20:14 0°M -7898 May 22 j 02:36 $0^{\circ}\Upsilon$ -7893 Jan 16 j 15:06 0°**∡**7 -7898 Jun 21 j 18:29 0°8 -7893 Feb 16 j 22:28 0°궁 -7898 Jul 21 j 19:51 -7893 Mar 17 j 08:24 $0^{\circ}\Pi$ max. Earth dist. 26°る58'55 1.01946 AU -7898 Aug 20 j 09:22 0ಂತಾ -7893 Mar 20 j 12:45 0°≈ min. Earth dist. -7898 Sep 16 j 07:21 27°533'14 0.98049 AU -7893 Apr 21 j 02:13 0°**)**€ -7898 Sep 18 j 16:38 $0^{\circ}\Omega$ -7893 May 22 j 07:26 $0^{\circ}\Upsilon$ -7898 Oct 18 j 00:42 0° m -7893 Jun 21 j 23:22 0°8 -7898 Nov 16 j 16:25 0∘**⊽** -7893 Jul 22 j 00:50 $0^{\circ}\Pi$ -7898 Dec 16 j 20:49 $0^{\circ}M$ -7893 Aug 20 j 14:27 0ಂತಾ -7897 Jan 16 j 15:49 -7893 Sep 16 j 20:54 27°554'40 0.98057 AU 0°×7 min. Earth dist. -7897 Feb 16 j 23:21 0°る -7893 Sep 18 j 21:49 0° Ω -7897 Mar 17 j 06:35 26°る52'22 1.01945 AU -7893 Oct 18 j 05:56 max. Earth dist. 0° M -7897 Mar 20 j 13:46 0°≈ -7893 Nov 16 i 21:38 0∘**⊽** -7897 Apr 21 i 03:17 0°**)**€ -7893 Dec 17 i 01:59 $0^{\circ}\Upsilon$ -7897 May 22 j 08:28 -7892 Jan 16 j 20:52 0°×7 -7897 Jun 22 j 00:21 0°8 -7892 Feb 17 i 04:17 0°궁 25°る57'28 1.01941 AU -7897 Jul 22 j 01:45 $0^{\circ}II$ -7892 Mar 15 j 12:15 max Earth dist -7897 Aug 20 j 15:20 0ಂತಾ -7892 Mar 19 j 18:35 0°≈≈ -7892 Apr 20 j 08:05 -7897 Sep 15 j 00:27 25°958'38 0.98051 AU 0°\ min Earth dist $0^{\circ}\Omega$ $0^{\circ}\Upsilon$ -7897 Sep 18 j 22:39 -7892 May 21 j 13:18 -7892 Jun 21 j 05:16 -7897 Oct 18 j 06:42 0° m 0°8 -7892 Jul 21 j 06:45 -7897 Nov 16 j 22:21 0∘**⊽** $0^{\circ}\Pi$ -7897 Dec 17 j 02:40 0°M -7892 Aug 19 j 20:23 0°9 0°×7 min. Earth dist. -7892 Sep 14 j 23:18 26°544'17 0.98050 AU -7896 Jan 16 j 21:33 0°궁 -7896 Feb 17 j 05:00 -7892 Sep 18 j 03:42 $0^{\circ}\Omega$ 27°る27'25 1.01950 AU -7892 Oct 17 j 11:46 max. Earth dist. -7896 Mar 17 j 03:00 0° m -7896 Mar 19 j 19:21 0°≈ -7892 Nov 16 j 03:25 0∘ଫ -7896 Apr 20 j 08:52 0°**₩** -7892 Dec 16 j 07:45 0°M $0^{\circ} \Upsilon$ -7896 May 21 j 14:05 -7891 Jan 16 j 02:38 0°**∡**7 -7896 Jun 21 j 06:01 0°8 -7891 Feb 16 j 10:05 0°궁 -7896 Jul 21 j 07:29 Π °0 max. Earth dist. -7891 Mar 17 j 21:07 27°る58'21 1.01946 AU -7896 Aug 19 j 21:06 0 \circ \odot -7891 Mar 20 j 00:26

| • | omena of Sun from | | • | | | | 2 |
|---------------------|--|-------------------------------|--------------------|-------------------------|--|-----------------------------------|-------------|
| Attention, astronom | ical year style is used: The | - | n astronomical cou | nting style is the year | | | |
| | -7891 Apr 20 j 13:57 | 0° ℋ | | | -7886 Feb 16 j 15:19 | 0° ਠ | |
| | -7891 May 21 j 19:10 | 0° Υ | | max. Earth dist. | -7886 Mar 17 j 16:09 | 27° る 34'08 | 1.01946 AU |
| | -7891 Jun 21 j 11:06 | 0°8 | | | -7886 Mar 20 j 05:42 | 0° ≈ | |
| | -7891 Jul 21 j 12:34 | 0° I I | | | -7886 Apr 20 j 19:17 | 0° ∀ | |
| | -7891 Aug 20 j 02:11 | _{0ං} න | | | -7886 May 22 j 00:34 | 0° Υ | |
| min. Earth dist. | -7891 Sep 14 j 17:56 | 26°9515'27 | 0.98056 AU | | -7886 Jun 21 j 16:33 | 0°8 | |
| | -7891 Sep 18 j 09:32 | $0^{\circ}\Omega$ | | | -7886 Jul 21 j 18:02 | 0° Ⅱ | |
| | -7891 Oct 17 j 17:36 | 0° m/y | | | -7886 Aug 20 j 07:38 | 0°€ | |
| | -7891 Nov 16 j 09:15 | 0∘ ⊽ | | min. Earth dist. | -7886 Sep 14 j 15:07 | 25°\$54'26 | 0.98051 AU |
| | -7891 Dec 16 j 13:33 | 0°M | | | -7886 Sep 18 j 14:56 | 0° N | |
| | -7890 Jan 16 j 08:27 | 0° ⊀ ⁷ | | | -7886 Oct 17 j 22:58 | 0° my | |
| 79 d P : | -7890 Feb 16 j 15:54 | 0°る | 1 01050 177 | | -7886 Nov 16 j 14:36 | 0∘ ⊽ | |
| max. Earth dist. | -7890 Mar 16 j 09:43 | 26° පි 20'34 | 1.01950 AU | | -7886 Dec 16 j 18:55 | 0°M | |
| | -7890 Mar 20 j 06:15 | 0° ≈ | | | -7885 Jan 16 j 13:46 | 0° ⊼ | |
| | -7890 Apr 20 j 19:46 | 0°) € | | D d E i | -7885 Feb 16 j 21:10 | 0°る | 1 01040 477 |
| | -7890 May 22 j 00:58 | $^{\circ \gamma}$ | | max. Earth dist. | -7885 Mar 17 j 15:40 | 27° る 19'13 | 1.01948 AU |
| | -7890 Jun 21 j 16:53 | 8°0 | | | -7885 Mar 20 j 11:28 | 0° ≈ | |
| | -7890 Jul 21 j 18:18 | 0°II | | | -7885 Apr 21 j 00:59 | 0°) € | |
| : E 4 E 4 | -7890 Aug 20 j 07:55 | 0°95 | 0.00055 ATT | | -7885 May 22 j 06:13 | $^{\circ \gamma}$ | |
| min. Earth dist. | -7890 Sep 16 j 12:54 | 27°950'56 | 0.98055 AU | | -7885 Jun 21 j 22:13 | 0° Β | |
| | -7890 Sep 18 j 15:17 | 0° N | | | -7885 Jul 21 j 23:45 | 0° Ⅱ | |
| | -7890 Oct 17 j 23:23 | 0° m) | | i. Dardh diad | -7885 Aug 20 j 13:26 | 0°95 | 0.00057 ATT |
| | -7890 Nov 16 j 15:05 -7890 Dec 16 j 19:27 | 0° № 0° ₾ | | min. Earth dist. | -7885 Sep 16 j 21:20 | 27° © 58′21 0° Ω | 0.98057 AU |
| | -7889 Jan 16 j 14:21 | 0° ⊼ | | | -7885 Sep 18 j 20:48 -7885 Oct 18 j 04:52 | 0° m | |
| | -7889 Feb 16 j 21:50 | 0°る | | | -7885 Nov 16 j 20:29 | 0∘ ت ۱۱۱۸ | |
| max. Earth dist. | -7889 Mar 16 j 18:51 | 0 පි 26°පි28'16 | 1.01943 AU | | -7885 Dec 17 j 00:45 | 0° m | |
| max. Earth dist. | -7889 Mar 20 j 12:12 | 20°≈ | 1.01943 AO | | -7884 Jan 16 j 19:34 | 0° ⊼ ¹ | |
| | -7889 Apr 21 j 01:45 | 0° ∀ | | | -7884 Feb 17 j 02:57 | °ਤ | |
| | -7889 May 22 j 06:57 | 0° Υ | | max. Earth dist. | -7884 Mar 15 j 10:35 | 25° පි 56'34 | 1.01944 AU |
| | -7889 Jun 21 j 22:51 | 0°8 | | man. Barar and. | -7884 Mar 19 j 17:18 | 0°≈ | 1.015 1.110 |
| | -7889 Jul 22 j 00:17 | 0°II | | | -7884 Apr 20 j 06:51 | 0°) € | |
| | -7889 Aug 20 j 13:53 | 0°© | | | -7884 May 21 j 12:09 | $0^{\circ}\mathbf{\Upsilon}$ | |
| min. Earth dist. | -7889 Sep 15 j 03:50 | 26°9510'55 | 0.98053 AU | | -7884 Jun 21 j 04:10 | 0°8 | |
| | -7889 Sep 18 j 21:15 | $0^{\circ}\Omega$ | | | -7884 Jul 21 j 05:42 | $\Pi^{\circ}0$ | |
| | -7889 Oct 18 j 05:21 | 0° m | | | -7884 Aug 19 j 19:23 | 0°€ | |
| | -7889 Nov 16 j 21:02 | 0∘ ⊽ | | min. Earth dist. | -7884 Sep 15 j 08:35 | 27° © 10'33 | 0.98050 AU |
| | -7889 Dec 17 j 01:20 | 0° M. | | | -7884 Sep 18 j 02:44 | $0^{\circ}\Omega$ | |
| | -7888 Jan 16 j 20:10 | 0°⊀ | | | -7884 Oct 17 j 10:46 | 0° ™ | |
| | -7888 Feb 17 j 03:33 | 0° ට | | | -7884 Nov 16 j 02:22 | 0∘ ⊽ | |
| max. Earth dist. | -7888 Mar 17 j 10:21 | 27° る 48'19 | 1.01949 AU | | -7884 Dec 16 j 06:35 | 0° M | |
| | -7888 Mar 19 j 17:53 | 0° ≈ | | | -7883 Jan 16 j 01:24 | 0° ∡ ¹ | |
| | -7888 Apr 20 j 07:25 | 0° ∀ | | | -7883 Feb 16 j 08:48 | 0°ප | |
| | -7888 May 21 j 12:41 | 0 ° $\mathbf{\gamma}$ | | max. Earth dist. | -7883 Mar 18 j 00:17 | 28° පි 08'51 | 1.01948 AU |
| | -7888 Jun 21 j 04:39 | $8^{\circ 0}$ | | | -7883 Mar 19 j 23:11 | 0° ≈ | |
| | -7888 Jul 21 j 06:07 | Π° | | | -7883 Apr 20 j 12:46 | 0° ∀ | |
| | -7888 Aug 19 j 19:44 | 0_{\circ} වෙ | | | -7883 May 21 j 18:05 | 0° Υ | |
| min. Earth dist. | -7888 Sep 15 j 07:52 | 27°9507'44 | 0.98056 AU | | -7883 Jun 21 j 10:05 | 0°B | |
| | -7888 Sep 18 j 03:04 | 0 \circ Ω | | | -7883 Jul 21 j 11:35 | Π $^{\circ}0$ | |
| | -7888 Oct 17 j 11:09 | 0° m | | | -7883 Aug 20 j 01:14 | 0°€ | |
| | -7888 Nov 16 j 02:48 | 0∘ ⊽ | | min. Earth dist. | -7883 Sep 14 j 12:52 | 26° © 04'53 | 0.98056 AU |
| | -7888 Dec 16 j 07:05 | 0° M | | | -7883 Sep 18 j 08:35 | $0^{\circ}\Omega$ | |
| | -7887 Jan 16 j 01:56 | 0° ∡ | | | -7883 Oct 17 j 16:39 | 0° m | |
| | -7887 Feb 16 j 09:20 | 0°る | | | -7883 Nov 16 j 08:16 | 0∘ ⊽ | |
| max. Earth dist. | -7887 Mar 15 j 21:41 | 26° る 07'39 | 1.01949 AU | | -7883 Dec 16 j 12:31 | 0°M | |
| | -7887 Mar 19 j 23:42 | 0° ≈ | | | -7882 Jan 16 j 07:19 | 0°⊀ ⁷ | |
| | -7887 Apr 20 j 13:17 | 0° ∀ | | D d E i | -7882 Feb 16 j 14:41 | 0°궁 | 1 01050 411 |
| | -7887 May 21 j 18:36 | $^{\circ \gamma}$ | | max. Earth dist. | -7882 Mar 16 j 20:28 | 26°₹49'00 | 1.01950 AU |
| | -7887 Jun 21 j 10:36 | 0° B | | | -7882 Mar 20 j 05:00 | 0° ≈ 0° ∀ | |
| | -7887 Jul 21 j 12:03 | | | | -7882 Apr 20 j 18:34 | 0° Υ | |
| min. Earth dist. | -7887 Aug 20 j 01:38 -7887 Sep 15 j 23:07 | 0°ഇ 27° ഇ 31'56 | 0.98048 AU | | -7882 May 21 j 23:51 -7882 Jun 21 j 15:51 | 0° ႘ | |
| mm. Lattii dist. | -7887 Sep 13 j 23:07 | 27 3 31 30 0° Ω | 0.70040 AU | | -7882 Jul 21 j 17:21 | 0°II | |
| | -7887 Oct 17 j 16:57 | 0° m) | | | -7882 Aug 20 j 06:59 | 0°© | |
| | -7887 Nov 16 j 08:36 | 0° टा | | min. Earth dist. | -7882 Sep 16 j 16:00 | 28° © 01'17 | 0.98055 AU |
| | -7887 Dec 16 j 12:56 | 0° M | | | -7882 Sep 18 j 14:20 | 0° Ω | |
| | -7886 Jan 16 j 07:51 | 0° ∡ 7 | | | -7882 Oct 17 j 22:26 | 0° m/y | |
| | , | | | | • | - | |

| • | omena of Sun from | | • | | | | 3 |
|---------------------|--|------------------------------|--------------------|---------------------|--|-----------------------------------|-------------|
| Attention, astronom | ical year style is used: Th | - | n astronomical cou | | | | 0.00050 444 |
| | -7882 Nov 16 j 14:06 | 0∘ ⊽ | | min. Earth dist. | -7877 Sep 16 j 13:27 | 27° © 41'28 | 0.98059 AU |
| | -7882 Dec 16 j 18:24 | 0° M 0° ∡ 1 | | | -7877 Sep 18 j 19:31 | 0° Ω | |
| | -7881 Jan 16 j 13:14 -7881 Feb 16 j 20:37 | 0°중 | | | -7877 Oct 18 j 03:36 -7877 Nov 16 j 19:13 | 0 ்⊽ 0 ் மி | |
| max. Earth dist. | -7881 Mar 16 j 13:10 | 26° ප 17'46 | 1.01942 AU | | -7877 Dec 16 j 23:26 | 0° m . | |
| max. Dartii dist. | -7881 Mar 20 j 10:57 | 0°≈ | 1.01742710 | | -7876 Jan 16 j 18:11 | 0° ∡ 7 | |
| | -7881 Apr 21 j 00:30 | 0°) € | | | -7876 Feb 17 j 01:30 | 5°0 | |
| | -7881 May 22 j 05:47 | $0^{\circ}\mathbf{\Upsilon}$ | | max. Earth dist. | -7876 Mar 15 j 13:14 | 26° පි 06'20 | 1.01945 AU |
| | -7881 Jun 21 j 21:48 | 0°8 | | | -7876 Mar 19 j 15:49 | 0° ≈ | |
| | -7881 Jul 21 j 23:19 | $\Pi^{\circ}0$ | | | -7876 Apr 20 j 05:24 | 0° ∀ | |
| | -7881 Aug 20 j 12:58 | 0 \circ \odot | | | -7876 May 21 j 10:44 | 0 ° Υ | |
| min. Earth dist. | -7881 Sep 15 j 11:45 | 26°533'36 | 0.98051 AU | | -7876 Jun 21 j 02:48 | 0°8 | |
| | -7881 Sep 18 j 20:19 | 0°N | | | -7876 Jul 21 j 04:21 | 0°Ⅱ | |
| | -7881 Oct 18 j 04:23 | 0° m/ | | i matura | -7876 Aug 19 j 18:01 | 0°95 | 0.00040.411 |
| | -7881 Nov 16 j 20:00 -7881 Dec 17 j 00:15 | 0° ╟ 0° 亞 | | min. Earth dist. | -7876 Sep 15 j 14:49 | 27° © 30′06 0° Ω | 0.98049 AU |
| | -7880 Jan 16 j 19:02 | 0° ⊼ | | | -7876 Sep 18 j 01:20 -7876 Oct 17 j 09:21 | 0° m y | |
| | -7880 Feb 17 j 02:22 | 0∘ਤ | | | -7876 Nov 16 j 00:55 | 0° ت | |
| max. Earth dist. | -7880 Mar 17 j 16:22 | 28° ට 05'30 | 1.01946 AU | | -7876 Dec 16 j 05:07 | 0°M | |
| | -7880 Mar 19 j 16:39 | 0° ≈ | | | -7875 Jan 15 j 23:54 | 0° ∡ 7 | |
| | -7880 Apr 20 j 06:10 | 0°) € | | | -7875 Feb 16 j 07:16 | 0°ರ | |
| | -7880 May 21 j 11:28 | $0^{\circ}\mathbf{\Upsilon}$ | | max. Earth dist. | -7875 Mar 17 j 22:32 | 28° る 08'22 | 1.01947 AU |
| | -7880 Jun 21 j 03:31 | 9° 8 | | | -7875 Mar 19 j 21:38 | 0° ≈ | |
| | -7880 Jul 21 j 05:05 | Π $^{\circ}0$ | | | -7875 Apr 20 j 11:15 | 0° ∀ | |
| | -7880 Aug 19 j 18:47 | 0ං ව | | | -7875 May 21 j 16:37 | 0° Υ | |
| min. Earth dist. | -7880 Sep 15 j 01:40 | 26°954'13 | 0.98056 AU | | -7875 Jun 21 j 08:42 | 0°8 | |
| | -7880 Sep 18 j 02:09 | 0° N | | | -7875 Jul 21 j 10:16 | 0°Ⅱ 0°0 | |
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| | -7880 Nov 16 j 01:40 | 0° m | | iiiii. Eartii uist. | -7875 Sep 18 j 07:13 | 20 3 04 02 0°Ω | 0.98031 AU |
| | -7879 Jan 16 j 00:45 | 0° ∡ 7 | | | -7875 Oct 17 j 15:12 | 0° m) | |
| | -7879 Feb 16 j 08:07 | 5°0 | | | -7875 Nov 16 j 06:45 | 0∘ ⊽ | |
| max. Earth dist. | -7879 Mar 16 j 02:34 | 26° පි 22'13 | 1.01949 AU | | -7875 Dec 16 j 10:58 | 0°M | |
| | -7879 Mar 19 j 22:26 | 0° ≈ | | | -7874 Jan 16 j 05:44 | 0° ∡ ¹ | |
| | -7879 Apr 20 j 12:00 | 0°) € | | | -7874 Feb 16 j 13:06 | 0° ප | |
| | -7879 May 21 j 17:19 | 0° Υ | | max. Earth dist. | -7874 Mar 17 j 04:22 | 27° る 11'33 | 1.01951 AU |
| | -7879 Jun 21 j 09:21 | 0°8 | | | -7874 Mar 20 j 03:25 | 0° ≈ | |
| | -7879 Jul 21 j 10:54 | 0° Ⅱ | | | -7874 Apr 20 j 16:59 | 0°) € | |
| min. Earth dist. | -7879 Aug 20 j 00:34 | 0°9 | 0.00051 ATT | | -7874 May 21 j 22:19 | $^{\circ \gamma}$ | |
| min. Earth dist. | -7879 Sep 16 j 07:34 -7879 Sep 18 j 07:54 | 2/°93612 0°Ω | 0.98051 AU | | -7874 Jun 21 j 14:24 -7874 Jul 21 j 15:58 | 0°∏ 8°0 | |
| | -7879 Oct 17 j 15:56 | 0° m | | | -7874 Aug 20 j 05:39 | 0ಂಣ ೧ म | |
| | -7879 Nov 16 j 07:31 | 0∘ ಹ | | min. Earth dist. | -7874 Sep 16 j 19:42 | 28°9514'14 | 0.98053 AU |
| | -7879 Dec 16 j 11:46 | 0°M₊ | | | -7874 Sep 18 j 12:59 | 0°N | |
| | -7878 Jan 16 j 06:35 | 0° ∡ ¹ | | | -7874 Oct 17 j 21:00 | 0° m | |
| | -7878 Feb 16 j 14:01 | 5°0 | | | -7874 Nov 16 j 12:34 | 0∘ ⊽ | |
| max. Earth dist. | -7878 Mar 17 j 05:31 | 27° ට 12'04 | 1.01945 AU | | -7874 Dec 16 j 16:46 | 0°M₊ | |
| | -7878 Mar 20 j 04:23 | 0° ≈ | | | -7873 Jan 16 j 11:33 | 0° ∡ 7 | |
| | -7878 Apr 20 j 17:59 | 0° ∺ | | | -7873 Feb 16 j 18:55 | 0°る | |
| | -7878 May 21 j 23:16 | 0° Υ | | max. Earth dist. | -7873 Mar 16 j 07:04 | 26° る 07'17 | 1.01945 AU |
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| | -7878 Jul 21 j 16:46 | 0°© 0°∏ | | | -7873 Apr 20 j 22:51 | 0° ℋ 0° Ƴ | |
| min. Earth dist. | -7878 Aug 20 j 06:26 -7878 Sep 14 j 18:47 | ୦ ଓ 26°ହେ06'51 | 0.98053 AU | | -7873 May 22 j 04:12 -7873 Jun 21 j 20:17 | 0° 8 | |
| iiiii. Lattii dist. | -7878 Sep 18 j 13:47 | 0°Ω | 0.76033 AC | | -7873 Jul 21 j 21:54 | 0°II | |
| | -7878 Oct 17 j 21:51 | 0° m) | | | -7873 Aug 20 j 11:37 | 0 . ಹ | |
| | -7878 Nov 16 j 13:27 | 0∘ <u>⊽</u> | | min. Earth dist. | -7873 Sep 15 j 22:02 | 27° © 03'21 | 0.98051 AU |
| | -7878 Dec 16 j 17:41 | 0°M₊ | | | -7873 Sep 18 j 19:00 | $0^{\circ}\Omega$ | |
| | -7877 Jan 16 j 12:28 | 0° ∡ ¹ | | | -7873 Oct 18 j 03:01 | 0° m | |
| | -7877 Feb 16 j 19:48 | 0°ප | | | -7873 Nov 16 j 18:32 | 0∘ ⊽ | |
| max. Earth dist. | -7877 Mar 17 j 23:56 | 27° る 42'05 | 1.01948 AU | | -7873 Dec 16 j 22:39 | 0°M | |
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| | -7877 May 22 j 04:53 | 0°Υ 0°¥ | | max. Earth dist. | -7872 Mar 17 j 21:21 | 28° る 21'20 | 1.01947 AU |
| | -7877 Jun 21 j 20:53 -7877 Jul 21 j 22:26 | 0°B 8°0 | | | -7872 Mar 19 j 14:58 -7872 Apr 20 j 04:33 | 0° ≈ 0° 升 | |
| | -7877 Aug 20 j 12:07 | 0°© | | | -7872 Apr 20 j 04.55 | 0° Υ | |
| | 7077 11ug 20 J 12.07 | ~ | | | 7072 May 21 J 07.33 | V 1 | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7872 in astronomical counting style is the year 7873 BCE in historical counting style. -7872 Jun 21 j 02:02 0°8 -7867 Mar 19 j 20:21 0°≈ -7872 Jul 21 j 03:41 -7867 Apr 20 j 09:57 0°**₩** $0^{\circ}\Pi$ 0ಂತಾ $0^{\circ}\Upsilon$ -7872 Aug 19 j 17:27 -7867 May 21 j 15:19 -7872 Sep 14 j 19:08 26°9540'48 0.98057 AU -7867 Jun 21 j 07:26 0°8 min. Earth dist. -7867 Jul 21 j 09:04 -7872 Sep 18 j 00:51 0 $^{\circ}\Omega$ $0^{\circ}\Pi$ 0° Mp -7872 Oct 17 j 08:53 -7867 Aug 19 j 22:48 0°9 -7872 Nov 16 j 00:24 0∘**⊽** min. Earth dist. -7867 Sep 14 j 13:25 26°512'31 0.98054 AU -7872 Dec 16 j 04:30 0° M -7867 Sep 18 j 06:11 0 $^{\circ}$ Ω -7871 Jan 15 j 23:09 0°**∡**¹ -7867 Oct 17 j 14:13 0° m -7871 Feb 16 j 06:25 0°궁 -7867 Nov 16 j 05:44 0∘**⊽** max. Earth dist. -7871 Mar 16 j 12:20 26°る49'24 1.01950 AU -7867 Dec 16 j 09:53 0°M -7871 Mar 19 j 20:44 0°≈ -7866 Jan 16 j 04:37 0°**∡**7 -7871 Apr 20 j 10:21 0°**)**€ -7866 Feb 16 j 11:57 0°ಕ -7871 May 21 j 15:45 $0^{\circ}\Upsilon$ max. Earth dist. -7866 Mar 17 j 11:47 27°る31'51 1.01949 AU -7871 Jun 21 j 07:52 0° 8 -7866 Mar 20 j 02:15 -7871 Jul 21 j 09:29 $0^{\circ}II$ -7866 Apr 20 j 15:49 0°**)**€ -7871 Aug 19 j 23:12 0ಂತಾ -7866 May 21 j 21:08 $0^{\circ}\Upsilon$ min. Earth dist. -7871 Sep 16 j 12:35 28°512'24 0.98053 AU -7866 Jun 21 j 13:12 0°8 -7871 Sep 18 j 06:35 0 $^{\circ}\Omega$ -7866 Jul 21 j 14:47 $0^{\circ}\Pi$ -7871 Oct 17 j 14:38 0° m -7866 Aug 20 j 04:31 0ಂತಾ -7871 Nov 16 j 06:12 0∘**⊽** min. Earth dist. -7866 Sep 16 j 16:00 28°507'27 0.98058 AU -7871 Dec 16 j 10:22 0°M -7866 Sep 18 j 11:55 $0^{\circ}\Omega$ -7870 Jan 16 i 05:05 0°×7 -7866 Oct 17 i 19:59 0° m -7870 Feb 16 j 12:24 0°ರ -7866 Nov 16 j 11:34 0∘**⊽** max. Earth dist. -7870 Mar 16 j 23:28 27°る01'39 1.01944 AU -7866 Dec 16 j 15:44 $0^{\circ}M$ -7870 Mar 20 j 02:44 -7865 Jan 16 j 10:27 0°×7 0°≈≈ -7870 Apr 20 j 16:22 0°**₩** -7865 Feb 16 j 17:47 0°중 -7870 May 21 j 21:45 $0^{\circ}\Upsilon$ max. Earth dist. -7865 Mar 16 j 05:09 26°る05'26 1.01945 AU 0°8 -7870 Jun 21 j 13:51 -7865 Mar 20 j 08:08 0°≈≈ -7865 Apr 20 j 21:44 0°) -7870 Jul 21 j 15:27 $0^{\circ}\Pi$ -7870 Aug 20 j 05:10 0ಂತಾ -7865 May 22 j 03:06 $0^{\circ}\Upsilon$ -7870 Sep 15 j 00:09 26°923'49 0.98053 AU -7865 Jun 21 j 19:11 0°8 min. Earth dist. $0 {\circ} \Omega$ -7865 Jul 21 j 20:47 Π $^{\circ}0$ -7870 Sep 18 j 12:33 -7865 Aug 20 j 10:30 -7870 Oct 17 j 20:36 0° M 0°9 -7870 Nov 16 j 12:12 0∘**⊽** min. Earth dist. -7865 Sep 16 j 03:02 27°519'00 0.98052 AU -7870 Dec 16 j 16:24 0°M -7865 Sep 18 j 17:53 0 $^{\circ}\Omega$ -7869 Jan 16 j 11:06 0°**∡** -7865 Oct 18 j 01:56 0° m -7869 Feb 16 j 18:21 0°ರ -7865 Nov 16 j 17:28 0∘**⊽** max. Earth dist. -7869 Mar 18 j 08:48 28°る06'42 1.01944 AU -7865 Dec 16 j 21:36 $0^{\circ}M$ -7869 Mar 20 j 08:34 0°≈ -7864 Jan 16 j 16:16 0°**⊼** -7869 Apr 20 j 22:05 0°**)**€ -7864 Feb 16 j 23:33 0°정 -7869 May 22 j 03:25 $0^{\circ}\Upsilon$ -7864 Mar 17 j 23:24 28°る28'50 1.01947 AU max. Earth dist. -7869 Jun 21 j 19:32 0° 8 -7864 Mar 19 j 13:52 -7869 Jul 21 j 21:11 -7864 Apr 20 j 03:30 $0^{\circ}\Pi$ -7869 Aug 20 j 10:57 -7864 May 21 j 08:55 $0^{\circ}\Upsilon$ min. Earth dist. -7869 Sep 16 i 07:31 27°529'09 0.98060 AU -7864 Jun 21 i 01:04 0°8 -7869 Sep 18 j 18:22 $0^{\circ}\Omega$ -7864 Jul 21 i 02:43 $0^{\circ}II$ -7869 Oct 18 i 02:26 0° m -7864 Aug 19 j 16:26 0ಂತಾ -7869 Nov 16 j 18:01 0∘**⊽** min. Earth dist. -7864 Sep 14 j 10:01 26°520'08 0.98053 AU -7869 Dec 16 j 22:12 0°M -7864 Sep 17 j 23:47 $0^{\circ}\Omega$ -7868 Jan 16 j 16:54 0°**∡**¹ -7864 Oct 17 j 07:47 O° m 0°궁 -7868 Feb 17 j 00:09 -7864 Nov 15 j 23:17 0∘Ω 26°る17'57 1.01943 AU max Earth dist -7868 Mar 15 j 16:44 -7864 Dec 16 j 03:23 o°m. -7868 Mar 19 j 14:24 0°≈ -7863 Jan 15 j 22:02 0°×7 -7868 Apr 20 j 03:57 0°) -7863 Feb 16 j 05:18 0°궁 $0^{\circ}\Upsilon$ -7868 May 21 j 09:18 max. Earth dist. -7863 Mar 16 j 19:35 27°る09'12 1.01952 AU -7868 Jun 21 j 01:27 0°8 0°≈ -7863 Mar 19 j 19:37 -7868 Jul 21 j 03:07 0°\ $0^{\circ}\Pi$ -7863 Apr 20 j 09:16 $0^{\circ}\Upsilon$ -7868 Aug 19 j 16:52 0ಂತಾ -7863 May 21 j 14:43 27°557'35 0.98051 AU -7863 Jun 21 j 06:53 min. Earth dist. -7868 Sep 16 j 00:27 0° 8 -7863 Jul 21 j 08:31 -7868 Sep 18 j 00:15 0 $^{\circ}\Omega$ Π °0 -7868 Oct 17 j 08:15 0° m -7863 Aug 19 j 22:13 0ಂತಾ -7868 Nov 15 j 23:47 0∘**⊽** min. Earth dist. -7863 Sep 16 j 15:54 28°523'35 0.98049 AU -7868 Dec 16 j 03:57 $0^{\circ}M$ -7863 Sep 18 j 05:32 0 $^{\circ}$ Ω -7867 Jan 15 j 22:41 0°**∡** -7863 Oct 17 j 13:30 0° m 0°る 0∘**ত** -7867 Feb 16 j 06:01 -7863 Nov 16 j 04:59

0°M

-7863 Dec 16 j 09:07

-7867 Mar 17 j 14:24 27°る52'09 1.01944 AU

max. Earth dist.

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7862 in astronomical counting style is the year 7863 BCE in historical counting style. -7862 Jan 16 j 03:50 0°**∡**′ -7858 Oct 17 j 18:47 0° m -7862 Feb 16 j 11:11 0°궁 -7858 Nov 16 j 10:19 0∘Ω -7858 Dec 16 j 14:25 26°**궁**36'20 1.01947 AU max Earth dist -7862 Mar 16 j 11:35 o°m. -7862 Mar 20 j 01:32 -7857 Jan 16 j 09:02 0°×7 0°≈≈ -7862 Apr 20 j 15:12 0°**∀** -7857 Feb 16 j 16:15 0°ಕ $0^{\circ}\Upsilon$ -7862 May 21 j 20:39 max. Earth dist. -7857 Mar 16 j 09:14 26°る18'56 1.01943 AU -7862 Jun 21 j 12:50 0°8 -7857 Mar 20 j 06:30 0°≈ -7862 Jul 21 j 14:30 Π $^{\circ}$ 0 -7857 Apr 20 j 20:05 0°**)**€ $0^{\circ}\Upsilon$ -7862 Aug 20 j 04:14 0ಂತಾ -7857 May 22 j 01:31 min. Earth dist. -7862 Sep 15 j 09:34 26°950'23 0.98048 AU -7857 Jun 21 j 17:43 0°8 -7862 Sep 18 j 11:34 0° Ω -7857 Jul 21 j 19:27 $0^{\circ}\Pi$ -7862 Oct 17 j 19:33 0° M -7857 Aug 20 j 09:15 0ಂತಾ -7862 Nov 16 j 11:01 0∘**⊽** min. Earth dist. -7857 Sep 16 j 13:27 27°548'52 0.98053 AU -7862 Dec 16 j 15:07 0° M -7857 Sep 18 j 16:39 $0^{\circ}\Omega$ -7861 Jan 16 j 09:46 0°**√** -7857 Oct 18 j 00:40 -7861 Feb 16 j 17:02 0°ರ -7857 Nov 16 j 16:09 0∘**⊽** max. Earth dist. -7861 Mar 18 j 13:47 28°る21'33 1.01947 AU -7857 Dec 16 j 20:12 $0^{\circ}M$ -7861 Mar 20 j 07:18 0°≈ -7856 Jan 16 j 14:48 0°×7 -7861 Apr 20 j 20:52 0°**∀** -7856 Feb 16 j 22:01 -7861 May 22 j 02:16 $0^{\circ}\Upsilon$ max. Earth dist. -7856 Mar 17 j 22:13 28°る29'49 1.01942 AU -7861 Jun 21 j 18:27 0°8 -7856 Mar 19 j 12:15 0°≈ -7861 Jul 21 i 20:10 $0^{\circ}\Pi$ -7856 Apr 20 i 01:51 0°) -7861 Aug 20 j 09:59 0°© -7856 May 21 j 07:17 $0^{\circ}\Upsilon$ min. Earth dist. -7861 Sep 16 i 02:50 27°519'37 0.98058 AU -7856 Jun 20 j 23:31 0°8 -7861 Sep 18 j 17:24 $0^{\circ}\Omega$ -7856 Jul 21 j 01:17 $\Pi^{\circ}0$ -7861 Oct 18 j 01:24 0°m -7856 Aug 19 j 15:07 0.00 0∘**⊽** -7856 Sep 14 j 11:45 -7861 Nov 16 j 16:52 min Earth dist 26°927'51 0.98056 AU 0°M -7861 Dec 16 j 20:54 -7856 Sep 17 j 22:32 $0^{\circ}\Omega$ -7860 Jan 16 j 15:29 0°×7 -7856 Oct 17 j 06:31 O° m -7860 Feb 16 j 22:42 0°ರ -7856 Nov 15 j 21:58 0∘ಹ max. Earth dist. -7860 Mar 16 j 00:09 26°る38'52 1.01947 AU -7856 Dec 16 j 02:00 0°M -7860 Mar 19 j 12:59 -7855 Jan 15 j 20:35 0°×7 0°≈ -7860 Apr 20 j 02:36 0°**∀** -7855 Feb 16 j 03:48 0°ಕ -7860 May 21 j 08:02 $0^{\circ}\Upsilon$ -7855 Mar 17 j 02:39 max. Earth dist. 27°る29'40 1.01949 AU 0°8 -7855 Mar 19 j 18:03 -7860 Jun 21 j 00:15 0°≈ 0°\ -7860 Jul 21 j 01:59 Π $^{\circ}0$ -7855 Apr 20 j 07:39 -7860 Aug 19 j 15:47 0ಂತಾ -7855 May 21 j 13:05 $0^{\circ}\Upsilon$ min. Earth dist. -7860 Sep 16 j 08:43 28°521'28 0.98052 AU -7855 Jun 21 j 05:17 0°8 -7860 Sep 17 j 23:11 $0^{\circ}\Omega$ -7855 Jul 21 j 07:00 $0^{\circ}\Pi$ -7860 Oct 17 j 07:10 0° M -7855 Aug 19 j 20:48 0ಂತಾ -7860 Nov 15 j 22:37 0∘**⊽** min. Earth dist. -7855 Sep 16 j 19:08 28°535'16 0.98055 AU -7860 Dec 16 j 02:39 $0^{\circ}M$ -7855 Sep 18 j 04:12 0° Ω -7859 Jan 15 j 21:15 -7855 Oct 17 j 12:12 0°×7 0° m 0°궁 -7859 Feb 16 j 04:30 -7855 Nov 16 j 03:41 27°る48'02 1.01945 AU -7855 Dec 16 j 07:44 max. Earth dist. -7859 Mar 17 j 11:09 -7859 Mar 19 j 18:50 0°≈ -7854 Jan 16 j 02:23 0°×7 -7859 Apr 20 j 08:30 0°**∀** -7854 Feb 16 i 09:39 0°궁 -7859 May 21 j 13:58 $0^{\circ}\Upsilon$ max. Earth dist. -7854 Mar 16 i 04:27 26°る23'06 1.01945 AU -7859 Jun 21 j 06:11 0°8 -7854 Mar 19 i 23:59 -7859 Jul 21 j 07:53 $0^{\circ}II$ -7854 Apr 20 j 13:38 0°\ -7859 Aug 19 j 21:40 0ಂತಾ -7854 May 21 j 19:04 -7854 Jun 21 j 11:15 -7859 Sep 14 j 17:04 26°524'48 0.98054 AU min Earth dist 0°X -7854 Jul 21 j 12:57 -7859 Sep 18 j 05:04 $0^{\circ}\Omega$ $0^{\circ}\Pi$ -7859 Oct 17 j 13:04 0° m -7854 Aug 20 j 02:44 0ಂತಾ -7859 Nov 16 j 04:33 0∘**⊽** min. Earth dist. -7854 Sep 15 j 15:12 27°508'34 0.98052 AU 0°M -7854 Sep 18 j 10:08 0 $^{\circ}\Omega$ -7859 Dec 16 j 08:36 0°×7 0°Щ -7858 Jan 16 j 03:13 -7854 Oct 17 j 18:09 0°궁 -7858 Feb 16 j 10:26 -7854 Nov 16 j 09:39 0∘ଫ 28°る04'03 1.01948 AU 0°M max. Earth dist. -7858 Mar 17 j 23:47 -7854 Dec 16 j 13:43 -7858 Mar 20 j 00:40 0°≈ -7853 Jan 16 j 08:19 0°×7 -7858 Apr 20 j 14:15 0°**₩** -7853 Feb 16 j 15:32 0°궁 $0^{\circ}\Upsilon$ -7858 May 21 j 19:40 max. Earth dist. -7853 Mar 18 j 17:45 28°る34'34 1.01945 AU -7858 Jun 21 j 11:51 0°8 -7853 Mar 20 j 05:47 -7858 Jul 21 j 13:32 $0^{\circ}II$ -7853 Apr 20 j 19:22 0°**)**€ -7858 Aug 20 j 03:19 0ಂತಾ -7853 May 22 j 00:47 $0^{\circ}\Upsilon$ 27°559'19 0.98059 AU 0°8 min. Earth dist. -7858 Sep 16 j 11:38 -7853 Jun 21 j 16:59

-7858 Sep 18 j 10:44

-7853 Jul 21 j 18:42

 $\Pi^{\circ}0$

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7853 in astronomical counting style is the year 7854 BCE in historical counting style. -7853 Aug 20 j 08:30 0ಂತಾ -7848 May 21 j 06:05 $0^{\circ}\Upsilon$ 0°8 -7853 Sep 15 j 12:34 26°5546'48 0.98059 AU -7848 Jun 20 j 22:24 min Earth dist -7853 Sep 18 j 15:56 -7848 Jul 21 j 00:13 $\Pi^{\circ}0$ 0 $^{\circ}\Omega$ -7853 Oct 17 j 23:58 0° M -7848 Aug 19 j 14:06 0ಂತಾ -7853 Nov 16 j 15:28 0∘**⊽** min. Earth dist. -7848 Sep 14 j 13:43 26°535'28 0.98055 AU -7853 Dec 16 j 19:31 0° M -7848 Sep 17 j 21:32 $0^{\circ}\Omega$ -7852 Jan 16 j 14:05 0°**∡**¹ -7848 Oct 17 j 05:30 0° m -7852 Feb 16 j 21:16 0°ಕ -7848 Nov 15 j 20:53 0∘**⊽** max. Earth dist. -7852 Mar 16 j 07:21 26°る59'25 1.01948 AU -7848 Dec 16 j 00:48 0°M -7852 Mar 19 j 11:31 0°≈ -7847 Jan 15 j 19:17 0°×7 -7852 Apr 20 j 01:08 0°**)**€ -7847 Feb 16 j 02:26 0°ಕ $0^{\circ}\Upsilon$ -7852 May 21 j 06:37 max. Earth dist. -7847 Mar 17 j 14:15 28°る00'23 1.01951 AU -7852 Jun 20 j 22:52 0° 8 -7847 Mar 19 j 16:42 0°≈ -7852 Jul 21 j 00:36 $0^{\circ}II$ -7847 Apr 20 j 06:22 0°**)**€ -7852 Aug 19 j 14:23 0ಂತಾ -7847 May 21 j 11:55 $0^{\circ}\Upsilon$ min. Earth dist. -7852 Sep 16 j 10:54 28°530'44 0.98050 AU -7847 Jun 21 j 04:13 0°8 -7852 Sep 17 j 21:44 $0^{\circ}\Omega$ -7847 Jul 21 j 05:59 $0^{\circ}\Pi$ -7852 Oct 17 j 05:42 0° M -7847 Aug 19 j 19:49 0ಂತಾ -7852 Nov 15 j 21:09 0∘**ত** min. Earth dist. -7847 Sep 16 j 18:26 28°935'56 0.98056 AU -7852 Dec 16 j 01:11 $0^{\circ}M$ -7847 Sep 18 j 03:14 $0^{\circ}\Omega$ -7851 Jan 15 j 19:48 0°×7 -7847 Oct 17 j 11:14 0° m -7851 Feb 16 i 03:03 0°ರ -7847 Nov 16 i 02:39 0∘**⊽** max. Earth dist. -7851 Mar 16 j 23:38 27°る24'12 1.01946 AU -7847 Dec 16 j 06:38 0°M -7851 Mar 19 i 17:23 0°≈ -7846 Jan 16 i 01:09 0°×7 -7851 Apr 20 j 07:05 0°**∀** -7846 Feb 16 j 08:20 0°궁 -7851 May 21 j 12:37 $0^{\circ}\Upsilon$ -7846 Mar 16 j 07:14 max. Earth dist. 26°る32'55 1.01946 AU -7851 Jun 21 j 04:54 0°8 -7846 Mar 19 j 22:37 0°≈≈ -7851 Jul 21 j 06:38 0°\ 0°Π -7846 Apr 20 j 12:18 -7851 Aug 19 j 20:25 0ಂತಾ -7846 May 21 j 17:51 $0^{\circ}\Upsilon$ -7846 Jun 21 j 10:10 -7851 Sep 14 j 22:01 min. Earth dist. 26°940'49 0.98048 AU 0°8 -7846 Jul 21 j 11:58 -7851 Sep 18 j 03:45 $0 {\circ} \Omega$ $0^{\circ}\Pi$ -7851 Oct 17 j 11:41 0° m -7846 Aug 20 j 01:47 0°9 -7851 Nov 16 j 03:06 0∘**⊽** min. Earth dist. -7846 Sep 15 j 23:58 27°533'26 0.98051 AU $0^{\circ}M$ -7851 Dec 16 j 07:08 -7846 Sep 18 j 09:11 0 $^{\circ}\Omega$ -7850 Jan 16 j 01:45 0° **₹** -7846 Oct 17 j 17:11 0° m 0°る -7850 Feb 16 j 09:00 -7846 Nov 16 j 08:38 0∘ଫ 28°る20'40 1.01950 AU max. Earth dist. -7850 Mar 18 j 05:24 -7846 Dec 16 j 12:38 0°M -7850 Mar 19 j 23:17 0°≈ -7845 Jan 16 j 07:09 0°**⊼** -7850 Apr 20 j 12:54 0°**)**€ -7845 Feb 16 j 14:17 0°정 -7850 May 21 j 18:22 $0^{\circ}\Upsilon$ max. Earth dist. -7845 Mar 18 j 22:45 28°る49'32 1.01942 AU -7850 Jun 21 j 10:38 0° 8 -7845 Mar 20 j 04:29 0°≈ -7850 Jul 21 j 12:23 $\mathbb{I}^{\circ 0}$ -7845 Apr 20 j 18:04 -7850 Aug 20 j 02:11 -7845 May 21 j 23:34 $0^{\circ}\Upsilon$ 0ಂತಾ -7850 Sep 16 j 07:34 27°551'51 0.98055 AU -7845 Jun 21 j 15:53 min. Earth dist. 0°8 -7850 Sep 18 j 09:34 -7845 Jul 21 j 17:43 0 $^{\circ}\Omega$ $0^{\circ}\Pi$ -7850 Oct 17 j 17:32 0° m -7845 Aug 20 i 07:37 0ಂತಾ -7850 Nov 16 i 08:58 0∘**⊽** min. Earth dist. -7845 Sep 15 i 10:45 26°5544'24 0.98058 AU -7850 Dec 16 j 12:59 0°M -7845 Sep 18 i 15:04 $0^{\circ}\Omega$ -7849 Jan 16 i 07:34 0°×7 -7845 Oct 17 j 23:05 0° m -7849 Feb 16 j 14:48 0°ಕ -7845 Nov 16 j 14:30 0∘Ω 26°る28'00 1.01947 AU -7845 Dec 16 j 18:29 0°M max Earth dist -7849 Mar 16 j 11:40 -7844 Jan 16 j 12:58 0°×7 -7849 Mar 20 j 05:06 0°≈≈ 0°**)**€ -7849 Apr 20 j 18:45 -7844 Feb 16 j 20:04 0°중 $0^{\circ}\Upsilon$ -7844 Mar 16 j 15:39 -7849 May 22 j 00:14 max. Earth dist. 27°る22'03 1.01945 AU -7849 Jun 21 j 16:31 0° 8 -7844 Mar 19 j 10:16 0°≈ -7849 Jul 21 j 18:19 Π °0 -7844 Apr 19 j 23:51 0°**)**€ $0^{\circ}\Upsilon$ -7849 Aug 20 j 08:10 0ಂತಾ -7844 May 21 j 05:21 28°518'38 0.98051 AU -7844 Jun 20 j 21:41 0°8 min. Earth dist. -7849 Sep 17 j 00:00 $0^{\circ}\Omega$ -7844 Jul 20 j 23:32 -7849 Sep 18 j 15:35 Π °0 -7849 Oct 17 j 23:32 0° m -7844 Aug 19 j 13:25 0ಂತಾ -7849 Nov 16 j 14:55 0∘**⊽** min. Earth dist. -7844 Sep 16 j 18:18 28°952'01 0.98053 AU -7849 Dec 16 j 18:51 0°M -7844 Sep 17 j 20:50 0° Ω -7848 Jan 16 j 13:22 0°**∡** -7844 Oct 17 j 04:47 0° m -7848 Feb 16 j 20:34 0°궁 -7844 Nov 15 j 20:10 0∘**⊽** max. Earth dist. -7848 Mar 17 j 18:28 28°る24'15 1.01945 AU -7844 Dec 16 j 00:07 0°M

-7848 Mar 19 j 10:52

-7848 Apr 20 j 00:33

0°**≈**

-7843 Jan 15 j 18:39

-7843 Feb 16 j 01:50

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|-------------------|----------------------|------------------------------|-------------|--------------------------|-----------------------------|------------------------------------|-------------|
| | | - | | unting style is the year | ar 7844 BCE in historical c | | |
| max. Earth dist. | 3 | | 1.01944 AU | | -7839 Dec 16 j 05:09 | 0°M. | |
| | -7843 Mar 19 j 16:08 | 0° ≈ | | | -7838 Jan 15 j 23:40 | 0° ∡ | |
| | -7843 Apr 20 j 05:48 | 0° ∀ | | P. 4. P. | -7838 Feb 16 j 06:50 | 0°る | 1 01010 177 |
| | -7843 May 21 j 11:20 | 0° Υ | | max. Earth dist. | -7838 Mar 16 j 06:03 | 26° る 33'37 | 1.01948 AU |
| | -7843 Jun 21 j 03:39 | 0° 8 | | | -7838 Mar 19 j 21:08 | 0° ≈ | |
| | -7843 Jul 21 j 05:28 | Π °0 | | | -7838 Apr 20 j 10:49 | 0° ∀ | |
| | -7843 Aug 19 j 19:20 | 0 | | | -7838 May 21 j 16:24 | 0° Υ | |
| min. Earth dist. | -7843 Sep 15 j 06:15 | 27°504'30 | 0.98052 AU | | -7838 Jun 21 j 08:47 | 0°8 | |
| | -7843 Sep 18 j 02:45 | 0 $^{\circ}\Omega$ | | | -7838 Jul 21 j 10:38 | $\Pi^{\circ}0$ | |
| | -7843 Oct 17 j 10:44 | 0° m | | | -7838 Aug 20 j 00:30 | 0 \circ \odot | |
| | -7843 Nov 16 j 02:08 | 0∘ ⊽ | | min. Earth dist. | -7838 Sep 16 j 09:57 | 28° © 02'19 | 0.98049 AU |
| | -7843 Dec 16 j 06:05 | 0°M₊ | | | -7838 Sep 18 j 07:54 | $0^{\circ}\Omega$ | |
| | -7842 Jan 16 j 00:36 | 0° ∡ | | | -7838 Oct 17 j 15:49 | 0° Mp | |
| | -7842 Feb 16 j 07:48 | 5°0 | | | -7838 Nov 16 j 07:11 | 0∘ ত | |
| max. Earth dist. | -7842 Mar 18 j 10:54 | 28° る 36'40 | 1.01947 AU | | -7838 Dec 16 j 11:05 | 0° M | |
| | -7842 Mar 19 j 22:03 | 0° ≈ | | | -7837 Jan 16 j 05:33 | 0° ∡ ¹ | |
| | -7842 Apr 20 j 11:39 | 0° ∀ | | | -7837 Feb 16 j 12:41 | 8°0 | |
| | -7842 May 21 j 17:07 | $0^{\circ}\mathbf{\Upsilon}$ | | max. Earth dist. | -7837 Mar 18 j 20:52 | 28° る 48'45 | 1.01943 AU |
| | -7842 Jun 21 j 09:23 | $8^{\circ 0}$ | | | -7837 Mar 20 j 02:55 | 0° ≈ | |
| | -7842 Jul 21 j 11:09 | Π $^{\circ}0$ | | | -7837 Apr 20 j 16:33 | 0° ∀ | |
| | -7842 Aug 20 j 01:01 | 0°© | | | -7837 May 21 j 22:06 | $0^{\circ}\mathbf{\Upsilon}$ | |
| min. Earth dist. | -7842 Sep 15 j 21:14 | 27°528'12 | 0.98060 AU | | -7837 Jun 21 j 14:28 | 0°8 | |
| | -7842 Sep 18 j 08:27 | $0^{\circ}\Omega$ | | | -7837 Jul 21 j 16:22 | 0° I I | |
| | -7842 Oct 17 j 16:29 | 0° m) | | | -7837 Aug 20 j 06:19 | 0ಂತಾ | |
| | -7842 Nov 16 j 07:55 | 0∘ ⊽ | | min. Earth dist. | -7837 Sep 15 j 10:46 | 26°5947'44 | 0.98057 AU |
| | -7842 Dec 16 j 11:54 | 0° M | | mm. zarm utot. | -7837 Sep 18 j 13:47 | 0°Ω | 0.50007110 |
| | -7841 Jan 16 j 06:24 | 0° ⊼ ¹ | | | -7837 Oct 17 j 21:46 | 0° m | |
| | -7841 Feb 16 j 13:33 | ੁੰ≲ | | | -7837 Nov 16 j 13:06 | 0∘ ಹ | |
| max. Earth dist. | -7841 Mar 16 j 18:03 | 0 ට 26° ට 46'11 | 1.01947 AU | | -7837 Dec 16 j 16:58 | 0° ™ | |
| max. Lattii dist. | -7841 Mar 20 j 03:48 | 0°≈ | 1.01747 710 | | -7836 Jan 16 j 11:22 | 0° ∡ 7 | |
| | -7841 Apr 20 j 17:26 | 0° ∺ | | | -7836 Feb 16 j 18:26 | °ਤ ਹ°ਤ | |
| | -7841 May 21 j 22:57 | 0° Υ | | max. Earth dist. | -7836 Mar 17 j 00:50 | 0 ප 27° පි 47'40 | 1.01948 AU |
| | -7841 Jun 21 j 15:14 | 0°8 | | max. Earth dist. | -7836 Mar 19 j 08:38 | 27 3 4740 0° ≈ | 1.01946 AU |
| | -7841 Jul 21 j 17:02 | 0°II | | | · | 0° ∺ | |
| | • | | | | -7836 Apr 19 j 22:17 | 0° Υ | |
| min. Earth dist. | -7841 Aug 20 j 06:53 | 0°ഇ 28° ഇ 32'48 | 0.00052 ATT | | -7836 May 21 j 03:51 | 0° 8 | |
| mm. Earm dist. | -7841 Sep 17 j 04:16 | | 0.98053 AU | | -7836 Jun 20 j 20:14 | | |
| | -7841 Sep 18 j 14:19 | 0°N | | | -7836 Jul 20 j 22:08 | 0°II | |
| | -7841 Oct 17 j 22:17 | 0° m/y | | · Patra | -7836 Aug 19 j 12:04 | 0°95 | 0.00055 444 |
| | -7841 Nov 16 j 13:41 | 0∘ ⊽ | | min. Earth dist. | -7836 Sep 16 j 20:55 | 29° © 02'07 | 0.98055 AU |
| | -7841 Dec 16 j 17:38 | 0° M | | | -7836 Sep 17 j 19:30 | 0° N | |
| | -7840 Jan 16 j 12:06 | 0° ∡ | | | -7836 Oct 17 j 03:27 | 0° m | |
| | -7840 Feb 16 j 19:14 | 0°₹ | | | -7836 Nov 15 j 18:47 | 0∘ ত | |
| max. Earth dist. | -7840 Mar 17 j 11:29 | 28° ප 10'57 | 1.01944 AU | | -7836 Dec 15 j 22:38 | 0° M | |
| | -7840 Mar 19 j 09:30 | 0° ≈ | | | -7835 Jan 15 j 17:04 | 0° ∡ ¹ | |
| | -7840 Apr 19 j 23:12 | 0° ∀ | | | -7835 Feb 16 j 00:11 | 0°ರ | |
| | -7840 May 21 j 04:47 | 0 ° $\mathbf{\gamma}$ | | max. Earth dist. | -7835 Mar 16 j 09:30 | 26° る 57'39 | 1.01946 AU |
| | -7840 Jun 20 j 21:08 | $0^{\circ}S$ | | | -7835 Mar 19 j 14:27 | 0° ≈ | |
| | -7840 Jul 20 j 22:58 | Π $^{\circ}0$ | | | -7835 Apr 20 j 04:11 | 0°) | |
| | -7840 Aug 19 j 12:50 | 0 \circ \odot | | | -7835 May 21 j 09:49 | $0^{\circ}\mathbf{\Upsilon}$ | |
| min. Earth dist. | -7840 Sep 14 j 13:55 | 26° © 39'20 | 0.98052 AU | | -7835 Jun 21 j 02:14 | $_{0\circ}$ 8 | |
| | -7840 Sep 17 j 20:14 | 0 ° Ω | | | -7835 Jul 21 j 04:06 | Π $^{\circ}0$ | |
| | -7840 Oct 17 j 04:10 | 0° m | | | -7835 Aug 19 j 18:00 | 0 \circ \odot | |
| | -7840 Nov 15 j 19:32 | 0∘ ত | | min. Earth dist. | -7835 Sep 15 j 13:16 | 27° © 25'54 | 0.98052 AU |
| | -7840 Dec 15 j 23:27 | 0°M₊ | | | -7835 Sep 18 j 01:25 | $\mathfrak{O}^{\circ}\mathfrak{O}$ | |
| | -7839 Jan 15 j 17:56 | 0° ∡ ¹ | | | -7835 Oct 17 j 09:23 | 0° m | |
| | -7839 Feb 16 j 01:03 | 0°る | | | -7835 Nov 16 j 00:45 | 0∘ ⊽ | |
| max. Earth dist. | -7839 Mar 17 j 22:11 | 28° පි 22'30 | 1.01951 AU | | -7835 Dec 16 j 04:39 | 0° M | |
| | -7839 Mar 19 j 15:18 | 0° ≈ | | | -7834 Jan 15 j 23:05 | 0° ∡ ¹ | |
| | -7839 Apr 20 j 04:58 | 0°) | | | -7834 Feb 16 j 06:12 | 0°ರ | |
| | -7839 May 21 j 10:32 | 0°Υ | | max. Earth dist. | -7834 Mar 18 j 18:01 | 28° ප 57'24 | 1.01946 AU |
| | -7839 Jun 21 j 02:53 | 0°8 | | | -7834 Mar 19 j 20:25 | 0°≈ | |
| | -7839 Jul 21 j 04:43 | 0°II | | | -7834 Apr 20 j 10:03 | 0°) € | |
| | -7839 Aug 19 j 18:33 | 0°ಅ | | | -7834 May 21 j 15:36 | 0° Υ | |
| min. Earth dist. | -7839 Sep 16 j 13:49 | 28° 5 27'27 | 0.98053 AU | | -7834 Jun 21 j 07:59 | 0°8 | |
| | -7839 Sep 18 j 01:56 | 0°Ω | | | -7834 Jul 21 j 09:51 | 0°II | |
| | -7839 Oct 17 j 09:51 | 0° m) | | | -7834 Aug 19 j 23:45 | 0°© | |
| | -7839 Nov 16 j 01:13 | 0° ت رااہ | | min. Earth dist. | -7834 Sep 15 j 13:19 | 27°911'08 | 0.98058 AU |
| | 1037 110V 10 J 01.13 | · – | | mm. Lattii Uist. | 705-10cp 15 J 15.19 | 21 -211 00 | 3.70030 AU |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7834 in astronomical counting style is the year 7835 BCE in historical counting style. -7834 Sep 18 j 07:12 $0^{\circ}\Omega$ -7829 Jul 21 j 15:14 $\Pi^{\circ}0$ -7834 Oct 17 j 15:11 -7829 Aug 20 j 05:10 0° mb 0ംഉ -7834 Nov 16 j 06:35 -7829 Sep 15 j 08:07 26°5643'56 0.98056 AU 0∘ഹ min. Earth dist. -7834 Dec 16 j 10:31 oom. -7829 Sep 18 j 12:38 0 $^{\circ}\Omega$ -7833 Jan 16 j 04:57 0°×7 -7829 Oct 17 j 20:37 0° m -7833 Feb 16 j 12:02 0°ಕ -7829 Nov 16 j 11:58 0∘**⊽** 0° M max. Earth dist. -7833 Mar 17 j 02:17 27°る09'25 1.01945 AU -7829 Dec 16 j 15:49 -7833 Mar 20 j 02:13 0°≈ -7828 Jan 16 j 10:11 0°**∡**7 -7833 Apr 20 j 15:51 0°**)** -7828 Feb 16 j 17:13 0ºಕ -7833 May 21 j 21:24 $0^{\circ}\Upsilon$ max. Earth dist. -7828 Mar 17 j 10:06 28°る12'34 1.01949 AU -7833 Jun 21 j 13:48 0° 8 -7828 Mar 19 j 07:24 0°≈ -7833 Jul 21 j 15:43 $0^{\circ}\Pi$ -7828 Apr 19 j 21:05 0°**)**€ -7833 Aug 20 j 05:39 0ಂಣ -7828 May 21 j 02:43 $0^{\circ}\Upsilon$ min. Earth dist. -7833 Sep 17 j 12:11 28°956'10 0.98054 AU -7828 Jun 20 j 19:10 0°8 -7833 Sep 18 j 13:06 $0^{\circ}\Omega$ -7828 Jul 20 j 21:05 $0^{\circ}\Pi$ -7833 Oct 17 j 21:03 0° m -7828 Aug 19 j 11:00 0ಂತಾ -7833 Nov 16 j 12:23 0∘**⊽** min. Earth dist. -7828 Sep 16 j 18:35 28°958'59 0.98053 AU -7833 Dec 16 j 16:15 0° M -7828 Sep 17 j 18:24 0° Ω -7832 Jan 16 j 10:41 0°×7 -7828 Oct 17 j 02:18 0° m -7832 Feb 16 j 17:46 0°궁 -7828 Nov 15 j 17:36 0°Ω max. Earth dist. -7832 Mar 17 j 01:10 27°る50'03 1.01941 AU -7828 Dec 15 j 21:27 $0^{\circ}M$ -7832 Mar 19 j 08:00 0°≈ -7827 Jan 15 i 15:52 0°×7 -7832 Apr 19 j 21:41 0°**)**€ -7827 Feb 15 i 22:58 0°궁 -7832 May 21 j 03:18 $0^{\circ}\Upsilon$ max. Earth dist. -7827 Mar 16 i 06:10 26°る52'38 1.01947 AU -7832 Jun 20 j 19:44 0°8 -7827 Mar 19 j 13:14 0°≈ -7832 Jul 20 j 21:41 -7827 Apr 20 j 02:59 0°π 0° H -7827 May 21 j 08:41 -7832 Aug 19 j 11:38 0.00 $0^{\circ}\Upsilon$ -7827 Jun 21 j 01:10 min. Earth dist. -7832 Sep 14 j 21:37 27°501'59 0.98053 AU 0°8 -7827 Jul 21 j 03:06 -7832 Sep 17 j 19:05 $0^{\circ}\Omega$ 0°Π -7832 Oct 17 j 03:01 -7827 Aug 19 j 17:01 0° M 000 -7832 Nov 15 j 18:20 0∘**⊽** min. Earth dist. -7827 Sep 15 j 22:12 27°951'24 0.98047 AU -7832 Dec 15 j 22:10 0°M -7827 Sep 18 j 00:24 $0^{\circ}\Omega$ -7831 Jan 15 j 16:35 0°**∡**¹ -7827 Oct 17 j 08:17 0° m -7831 Feb 15 j 23:41 0°궁 -7827 Nov 15 j 23:34 0∘ଫ 28°る41'22 1.01949 AU max. Earth dist. -7831 Mar 18 j 04:45 -7827 Dec 16 j 03:24 0°M -7831 Mar 19 j 13:55 0°≈ -7826 Jan 15 j 21:50 0° ×7 -7831 Apr 20 j 03:35 0°**∀** -7826 Feb 16 j 04:57 0°궁 -7831 May 21 j 09:09 $0^{\circ}\Upsilon$ max. Earth dist. -7826 Mar 18 j 19:32 29°る03'55 1.01946 AU -7831 Jun 21 j 01:32 0° 8 -7826 Mar 19 j 19:11 0°≈ -7831 Jul 21 j 03:25 $0^{\circ}II$ -7826 Apr 20 j 08:52 0°**)**€ -7831 Aug 19 j 17:20 0ಂತಾ -7826 May 21 j 14:28 $0^{\circ}\Upsilon$ -7831 Sep 16 j 08:03 28°515'36 0.98057 AU -7826 Jun 21 j 06:55 min. Earth dist. 0°8 -7831 Sep 18 j 00:47 -7826 Jul 21 j 08:52 $0^{\circ}\Omega$ -7831 Oct 17 j 08:44 0° M -7826 Aug 19 j 22:49 -7831 Nov 16 j 00:05 0∘Ω min. Earth dist. -7826 Sep 15 j 10:53 27°507'18 0.98055 AU -7831 Dec 16 i 03:57 0°M -7826 Sep 18 i 06:16 $0^{\circ}\Omega$ -7830 Jan 15 j 22:23 0°×7 -7826 Oct 17 j 14:11 0° m -7830 Feb 16 i 05:31 0°정 -7826 Nov 16 i 05:29 0∘**⊽** max. Earth dist. -7830 Mar 16 j 08:56 26°る43'35 1.01948 AU -7826 Dec 16 i 09:18 0°M -7830 Mar 19 j 19:47 -7825 Jan 16 i 03:41 0°×7 0°≈≈ 0°**₩** -7825 Feb 16 j 10:44 0°궁 -7830 Apr 20 j 09:30 27°る31'46 1.01948 AU $0^{\circ}\Upsilon$ -7825 Mar 17 j 10:26 -7830 May 21 j 15:06 max. Earth dist. -7830 Jun 21 j 07:29 0°8 -7825 Mar 20 j 00:57 0°≈≈ -7830 Jul 21 j 09:22 Π °0 -7825 Apr 20 j 14:37 0°) -7830 Aug 19 j 23:16 0ಂತಾ -7825 May 21 j 20:14 $0^{\circ}\Upsilon$ min. Earth dist. -7830 Sep 16 j 16:37 28°522'25 0.98053 AU -7825 Jun 21 j 12:41 0°8 0° Ω -7825 Jul 21 j 14:40 $0^{\circ}\Pi$ -7830 Sep 18 j 06:43 -7830 Oct 17 j 14:41 0° m -7825 Aug 20 j 04:40 0ಂತಾ -7830 Nov 16 j 06:03 0∘**⊽** min. Earth dist. -7825 Sep 17 j 19:00 29°516'04 0.98054 AU -7830 Dec 16 j 09:56 0°M -7825 Sep 18 j 12:09 0 $^{\circ}$ Ω -7829 Jan 16 j 04:20 0°**√** -7825 Oct 17 j 20:04 0° m -7829 Feb 16 j 11:25 0°궁 -7825 Nov 16 j 11:19 0∘**⊽** max. Earth dist. -7829 Mar 18 j 17:43 28°る44'19 1.01942 AU -7825 Dec 16 j 15:04 0°M -7829 Mar 20 j 01:38 0°≈ -7824 Jan 16 j 09:22 0°**∡**7

-7824 Feb 16 j 16:24

-7824 Mar 16 j 18:36

-7824 Mar 19 j 06:39

max. Earth dist.

0°궁

27°る37'44 1.01944 AU

-7829 Apr 20 j 15:19

-7829 May 21 j 20:55

-7829 Jun 21 j 13:19

0°**)**€

 $0^{\circ}\Upsilon$

 0° 8

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7824 in astronomical counting style is the year 7825 BCE in historical counting style. -7824 Apr 19 j 20:23 0°**)**€ -7819 Feb 15 j 21:31 0°궁 $0^{\circ}\Upsilon$ -7824 May 21 j 02:05 -7819 Mar 16 j 04:46 26°る52'44 1.01947 AU max. Earth dist. -7824 Jun 20 j 18:35 $0^{\circ}\mathsf{S}$ -7819 Mar 19 j 11:46 0°≈ -7824 Jul 20 j 20:35 $\Pi^{\circ}0$ -7819 Apr 20 j 01:29 0°₩ -7819 May 21 j 07:10 $0^{\circ}\Upsilon$ -7824 Aug 19 j 10:36 0ಂತಾ 27°922'22 0.98053 AU 0°X min Farth dist -7819 Jun 20 i 23:39

| min. Earth dist. | -7824 Sep 15 j 04:33 | 27° © 22'22 | 0.98053 AU | | -7819 Jun 20 j 23:39 | 9° 8 | |
|------------------|--|--------------------------|-------------|------------------|--|------------------------------|--------------|
| | -7824 Sep 17 j 18:05 | $0^{\circ}\Omega$ | | | -7819 Jul 21 j 01:38 | $\Pi^{\circ}0$ | |
| | -7824 Oct 17 j 02:01 | 0° mp | | | -7819 Aug 19 j 15:37 | 0°ಅ | |
| | -7824 Nov 15 j 17:16 | 0∘ ⊽ | | min. Earth dist. | -7819 Sep 16 j 06:07 | 28°915'06 | 0.98051 AU |
| | -7824 Dec 15 j 21:01 | 0°M | | | -7819 Sep 17 j 23:04 | $\Omega^{\circ}\Omega$ | |
| | -7823 Jan 15 j 15:19 | 0°⊀ | | | -7819 Oct 17 j 06:59 | 0° m ∤ | |
| | -7823 Feb 15 j 22:19 | ව°0 | | | -7819 Nov 15 j 22:15 | 0∘ ত | |
| max. Earth dist. | -7823 Mar 18 j 14:26 | 29° る 07'37 | 1.01948 AU | | -7819 Dec 16 j 02:02 | 0° M | |
| | -7823 Mar 19 j 12:32 | 0° ≈ | | | -7818 Jan 15 j 20:23 | 0° ∡ ¹ | |
| | -7823 Apr 20 j 02:14 | 0°) | | | -7818 Feb 16 j 03:27 | 0°₹ | |
| | -7823 May 21 j 07:54 | 0 ° $\mathbf{\gamma}$ | | max. Earth dist. | -7818 Mar 18 j 18:27 | 29° る 04'53 | 1.01945 AU |
| | -7823 Jun 21 j 00:22 | 9° 8 | | | -7818 Mar 19 j 17:42 | 0° ≈ | |
| | -7823 Jul 21 j 02:19 | $\Pi^{\circ}0$ | | | -7818 Apr 20 j 07:23 | 0° ∀ | |
| | -7823 Aug 19 j 16:16 | 0_{\circ} වෙ | | | -7818 May 21 j 13:00 | 0° Υ | |
| min. Earth dist. | -7823 Sep 15 j 23:28 | 27°956'17 | 0.98058 AU | | -7818 Jun 21 j 05:27 | 0°B | |
| | -7823 Sep 17 j 23:44 | $0 {\circ} \Omega$ | | | -7818 Jul 21 j 07:24 | $\Pi^{\circ}0$ | |
| | -7823 Oct 17 j 07:41 | 0° m | | | -7818 Aug 19 j 21:22 | 0ං ව | |
| | -7823 Nov 15 j 23:00 | 0∘ ⊽ | | min. Earth dist. | -7818 Sep 15 j 04:55 | 26° © 55'38 | 0.98057 AU |
| | -7823 Dec 16 j 02:49 | 0° M | | | -7818 Sep 18 j 04:51 | 0 $^{\circ}\Omega$ | |
| | -7822 Jan 15 j 21:09 | 0° ∡ | | | -7818 Oct 17 j 12:48 | 0° m | |
| | -7822 Feb 16 j 04:10 | 0° ろ | | | -7818 Nov 16 j 04:07 | 0∘ ত | |
| max. Earth dist. | -7822 Mar 16 j 16:52 | 27° る 05'46 | 1.01946 AU | | -7818 Dec 16 j 07:55 | 0°M | |
| | -7822 Mar 19 j 18:22 | 0° ≈ | | | -7817 Jan 16 j 02:14 | 0° ∡ | |
| | -7822 Apr 20 j 08:04 | 0° ∀ | | D d F c | -7817 Feb 16 j 09:14 | 0°る | 1 01040 411 |
| | -7822 May 21 j 13:43 | $^{\circ \gamma}$ | | max. Earth dist. | -7817 Mar 17 j 19:15 | 27° る 56'14 | 1.01949 AU |
| | -7822 Jun 21 j 06:13 | 0° B | | | -7817 Mar 19 j 23:26 | 0° ≈ | |
| | -7822 Jul 21 j 08:11 | 0ಂ ಲ 0ಂⅡ | | | -7817 Apr 20 j 13:08 | 0° ℋ 0° Ƴ | |
| min Earth dist | -7822 Aug 19 j 22:09 | ୦ ୬୭ 28°9345'45 | 0.00052 ATT | | -7817 May 21 j 18:47 | 0°8 | |
| min. Earth dist. | -7822 Sep 17 j 00:37 -7822 Sep 18 j 05:36 | 28 3 43 43 0°Ω | 0.98053 AU | | -7817 Jun 21 j 11:16 -7817 Jul 21 j 13:14 | 0°II | |
| | -7822 Sep 18 j 03.30 | 0° m p | | | -7817 Jul 21 j 13.14 -7817 Aug 20 j 03:13 | 0°© | |
| | -7822 Nov 16 j 04:52 | 0° ت راال | | min. Earth dist. | -7817 Aug 20 j 03:13 -7817 Sep 17 j 18:01 | 29°917'20 | 0.98054 AU |
| | -7822 Dec 16 j 08:41 | 0° M ₊ | | mm. Lattii dist. | -7817 Sep 18 j 10:40 | 0°Ω | 0.90034710 |
| | -7821 Jan 16 j 03:02 | 0° ∡ 7 | | | -7817 Oct 17 j 18:34 | 0° m | |
| | -7821 Feb 16 j 10:02 | 0°ਰ | | | -7817 Nov 16 j 09:49 | 0∘ ರ ೧.೫ | |
| max. Earth dist. | -7821 Mar 18 j 11:09 | 28° ට 32'14 | 1.01938 AU | | -7817 Dec 16 j 13:33 | 0° M | |
| man. Barur dige. | -7821 Mar 20 j 00:11 | 0°≈ | 1.01,50110 | | -7816 Jan 16 j 07:50 | 0° ⊼ ¹ | |
| | -7821 Apr 20 j 13:50 | 0°) € | | | -7816 Feb 16 j 14:51 | 0°ප | |
| | -7821 May 21 j 19:28 | 0°Υ | | max. Earth dist. | -7816 Mar 16 j 11:10 | | 1.01946 AU |
| | -7821 Jun 21 j 11:58 | 0°8 | | | -7816 Mar 19 j 05:05 | | |
| | -7821 Jul 21 j 13:59 | 0° I I | | | -7816 Apr 19 j 18:52 | 0°) € | |
| | -7821 Aug 20 j 04:01 | 0°99 | | | -7816 May 21 j 00:38 | $0^{\circ}\mathbf{\Upsilon}$ | |
| min. Earth dist. | -7821 Sep 15 j 13:09 | 26°959'45 | 0.98056 AU | | -7816 Jun 20 j 17:12 | 0°8 | |
| | -7821 Sep 18 j 11:30 | $0^{\circ}\Omega$ | | | -7816 Jul 20 j 19:14 | Π° | |
| | -7821 Oct 17 j 19:27 | 0° m | | | -7816 Aug 19 j 09:12 | 0ං ව | |
| | -7821 Nov 16 j 10:45 | 0∘ ⊽ | | min. Earth dist. | -7816 Sep 15 j 10:40 | 27°5541'46 | 0.98048 AU |
| | -7821 Dec 16 j 14:32 | 0° M | | | -7816 Sep 17 j 16:38 | $0^{\circ}\Omega$ | |
| | -7820 Jan 16 j 08:51 | 0° ∡ ¹ | | | -7816 Oct 17 j 00:30 | 0° m | |
| | -7820 Feb 16 j 15:50 | ව°0 | | | -7816 Nov 15 j 15:42 | 0∘ ত | |
| max. Earth dist. | -7820 Mar 17 j 17:28 | 28° る 33'24 | 1.01945 AU | | -7816 Dec 15 j 19:26 | 0° M | |
| | -7820 Mar 19 j 05:59 | 0° ≈ | | | -7815 Jan 15 j 13:44 | 0°⊀ | |
| | -7820 Apr 19 j 19:36 | 0° ∀ | | | -7815 Feb 15 j 20:45 | 0°ರ | |
| | -7820 May 21 j 01:13 | 0 ° $\mathbf{\gamma}$ | | max. Earth dist. | -7815 Mar 18 j 18:25 | 29° る 20'45 | 1.01950 AU |
| | -7820 Jun 20 j 17:43 | 9° 8 | | | -7815 Mar 19 j 10:59 | 0° ≈ | |
| | -7820 Jul 20 j 19:43 | Π° | | | -7815 Apr 20 j 00:44 | 0° ∀ | |
| | -7820 Aug 19 j 09:44 | 0ං ව | | | -7815 May 21 j 06:28 | 0° Υ | |
| min. Earth dist. | -7820 Sep 16 j 17:49 | 29° © 00'07 | 0.98056 AU | | -7815 Jun 20 j 23:01 | 0°8 | |
| | -7820 Sep 17 j 17:11 | 0° N | | | -7815 Jul 21 j 01:03 | 0° I | |
| | -7820 Oct 17 j 01:06 | 0° m/ | | | -7815 Aug 19 j 15:01 | 0.ee | 0.000 == :== |
| | -7820 Nov 15 j 16:21 | 0∘ ⊽ | | min. Earth dist. | -7815 Sep 15 j 17:39 | 27°5944'40 | 0.98053 AU |
| | -7820 Dec 15 j 20:08 | 0°M | | | -7815 Sep 17 j 22:26 | 0°N | |
| | -7819 Jan 15 j 14:28 | 0° ∡ | | | -7815 Oct 17 j 06:18 | 0° т р | |
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Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7815 in astronomical counting style is the year 7816 BCE in historical counting style. -7815 Nov 15 j 21:31 0∘**⊽** min. Earth dist. -7810 Sep 15 j 06:56 27°503'17 0.98057 AU -7815 Dec 16 j 01:15 0°M -7810 Sep 18 j 03:53 $0^{\circ}\Omega$ -7814 Jan 15 j 19:33 0°×7 -7810 Oct 17 j 11:50 0° m 0°궁 -7814 Feb 16 j 02:34 -7810 Nov 16 j 03:07 0∘Ω max. Earth dist. -7814 Mar 16 j 22:46 27°る23'26 1.01950 AU -7810 Dec 16 j 06:51 0°M -7814 Mar 19 j 16:48 0°≈ -7809 Jan 16 j 01:07 0°×7 -7814 Apr 20 j 06:33 0°**∀** -7809 Feb 16 j 08:02 0°ಕ $0^{\circ}\Upsilon$ -7814 May 21 j 12:16 max. Earth dist. -7809 Mar 18 j 04:46 28°る21'51 1.01945 AU -7814 Jun 21 j 04:51 0°8 -7809 Mar 19 j 22:09 0°≈ -7814 Jul 21 j 06:54 $0^{\circ}\Pi$ -7809 Apr 20 j 11:48 0°**)**€ -7814 Aug 19 j 20:55 0ಂತಾ -7809 May 21 j 17:29 $0^{\circ}\Upsilon$ -7814 Sep 17 j 10:06 -7809 Jun 21 j 10:04 min. Earth dist. 29°513'11 0.98051 AU 0°8 -7809 Jul 21 j 12:09 -7814 Sep 18 j 04:22 0° Ω $0^{\circ}\Pi$ -7814 Oct 17 j 12:15 0° m -7809 Aug 20 j 02:14 0ಂತಾ -7814 Nov 16 j 03:27 0∘**⊽** min. Earth dist. -7809 Sep 17 j 21:29 29°528'34 0.98057 AU -7814 Dec 16 j 07:09 0° M -7809 Sep 18 j 09:45 $0^{\circ}\Omega$ -7813 Jan 16 j 01:24 0°⊀ -7809 Oct 17 j 17:39 -7813 Feb 16 j 08:23 0°궁 -7809 Nov 16 j 08:51 max. Earth dist. -7813 Mar 18 j 02:31 28°る15'33 1.01942 AU -7809 Dec 16 j 12:32 -7813 Mar 19 j 22:35 -7808 Jan 16 j 06:45 0°×7 -7813 Apr 20 j 12:19 0°**∀** -7808 Feb 16 j 13:42 0°궁 -7813 May 21 j 18:03 $0^{\circ}\Upsilon$ max. Earth dist. -7808 Mar 16 i 06:01 27°る14'25 1.01943 AU -7813 Jun 21 j 10:38 0°8 -7808 Mar 19 i 03:53 0°≈ -7813 Jul 21 j 12:44 $\mathbb{I}^{\circ 0}$ -7808 Apr 19 j 17:37 0°) -7813 Aug 20 j 02:50 0°© -7808 May 20 j 23:22 $0^{\circ}\Upsilon$ -7813 Sep 15 j 20:01 27°520'18 0.98056 AU -7808 Jun 20 j 15:59 min Earth dist 0°8 -7813 Sep 18 j 10:22 -7808 Jul 20 j 18:07 $\Omega^{\circ}\Omega$ 0°Π -7813 Oct 17 j 18:17 0° m -7808 Aug 19 j 08:12 0.00 -7808 Sep 15 j 20:49 -7813 Nov 16 j 09:30 0∘ଫ min Earth dist 28°9510'10 0.98052 AU -7808 Sep 17 j 15:42 -7813 Dec 16 j 13:10 0°M 0 $^{\circ}\Omega$ -7808 Oct 16 j 23:36 -7812 Jan 16 j 07:22 0°×7 0° m -7812 Feb 16 j 14:17 0°궁 -7808 Nov 15 j 14:47 0∘ಹ -7812 Mar 18 j 04:13 29°る02'34 1.01947 AU -7808 Dec 15 j 18:27 0°M max. Earth dist. -7812 Mar 19 j 04:26 -7807 Jan 15 j 12:41 0°**∡**7 0°≈ 0°**∀** -7807 Feb 15 j 19:39 -7812 Apr 19 j 18:09 0°궁 -7812 May 20 j 23:52 $0^{\circ}\Upsilon$ -7807 Mar 18 j 19:30 max. Earth dist. 29°る25'58 1.01946 AU 0° 8 -7812 Jun 20 j 16:28 -7807 Mar 19 j 09:51 0°≈ -7812 Jul 20 j 18:32 $0^{\circ}II$ -7807 Apr 19 j 23:35 0°**)**€ -7812 Aug 19 j 08:36 0ಂತಾ -7807 May 21 j 05:17 $0^{\circ}\Upsilon$ min. Earth dist. -7812 Sep 16 j 12:17 28°5048'42 0.98058 AU -7807 Jun 20 j 21:50 0°8 -7812 Sep 17 j 16:06 $0^{\circ}\Omega$ -7807 Jul 20 j 23:54 $0^{\circ}\Pi$ -7812 Oct 17 j 00:01 0° m -7807 Aug 19 j 13:57 -7812 Nov 15 j 15:14 0∘**ত** min. Earth dist. -7807 Sep 15 j 10:15 27°528'16 0.98058 AU -7812 Dec 15 j 18:54 $0^{\circ}M$ -7807 Sep 17 j 21:27 0° Ω -7807 Oct 17 j 05:22 -7811 Jan 15 j 13:06 0° **₹** 0° M -7811 Feb 15 i 20:03 0°궁 -7807 Nov 15 i 20:35 0∘**⊽** max. Earth dist. -7811 Mar 16 j 12:00 27°る13'27 1.01947 AU -7807 Dec 16 i 00:17 -7811 Mar 19 j 10:16 0°**≈** -7806 Jan 15 i 18:32 0°×7 -7811 Apr 20 j 00:02 0°**)**€ -7806 Feb 16 i 01:30 0°궁 27°る43'22 1.01949 AU -7811 May 21 j 05:49 $0^{\circ}\Upsilon$ -7806 Mar 17 j 06:04 max Earth dist -7811 Jun 20 j 22:26 0°8 -7806 Mar 19 j 15:41 0°≈≈ -7811 Jul 21 j 00:30 $0^{\circ}II$ 0°\ -7806 Apr 20 j 05:25 -7811 Aug 19 j 14:32 0.00 -7806 May 21 j 11:08 -7811 Sep 16 j 14:07 -7806 Jun 21 j 03:41 min. Earth dist. 28°538'19 0.98052 AU 0°8 -7806 Jul 21 j 05:44 -7811 Sep 17 j 22:00 $0^{\circ}\Omega$ $0^{\circ}\Pi$ -7811 Oct 17 j 05:55 0° m -7806 Aug 19 j 19:46 0ಂತಾ 0∘**⊽** min. Earth dist. -7806 Sep 17 j 11:30 29°519'39 0.98056 AU -7811 Nov 15 j 21:10 $0^{\circ}M$ -7811 Dec 16 j 00:53 -7806 Sep 18 j 03:15 $0^{\circ}\Omega$ 0°**∡**¹ -7806 Oct 17 j 11:11 -7810 Jan 15 j 19:09 0° m 0°궁 -7810 Feb 16 j 02:07 -7806 Nov 16 j 02:25 0∘ଫ 29°る10'13 1.01941 AU max. Earth dist. -7810 Mar 18 j 19:17 -7806 Dec 16 j 06:07 0°M -7810 Mar 19 j 16:17 0°≈ -7805 Jan 16 j 00:20 0°**∡**7

-7805 Feb 16 j 07:16

-7805 Mar 17 j 17:11

-7805 Mar 19 j 21:26

-7805 Apr 20 j 11:11

-7805 May 21 j 16:55

max. Earth dist.

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27°る56'11 1.01941 AU

-7810 Apr 20 j 06:00

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Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 11 Attention, astronomical year style is used: The year -7805 in astronomical counting style is the year 7806 BCE in historical counting style. -7805 Jun 21 j 09:32 0°8 -7800 Mar 19 j 02:13 0°≈ -7805 Jul 21 j 11:37 -7800 Apr 19 j 16:02 0°\ $0^{\circ}\Pi$ -7805 Aug 20 j 01:41 0ಂತಾ $0^{\circ}\Upsilon$ -7800 May 20 j 21:53 -7805 Sep 15 j 22:26 27°529'31 0.98054 AU -7800 Jun 20 j 14:36 0°8 min. Earth dist. -7800 Jul 20 j 16:46 -7805 Sep 18 j 09:11 0 $^{\circ}\Omega$ $0^{\circ}\Pi$ -7805 Oct 17 j 17:06 0° m -7800 Aug 19 j 06:53 0ಂತಾ -7805 Nov 16 j 08:19 0∘**⊽** min. Earth dist. -7800 Sep 16 j 05:13 28°935'00 0.98051 AU -7805 Dec 16 j 12:00 0° M -7800 Sep 17 j 14:24 0 $^{\circ}$ Ω -7804 Jan 16 j 06:12 0°**∡**¹ -7800 Oct 16 j 22:16 0° m -7804 Feb 16 j 13:06 0°궁 -7800 Nov 15 j 13:23 0°Ω max. Earth dist. -7804 Mar 18 j 10:45 29°る20'53 1.01946 AU -7800 Dec 15 j 16:57 0°M -7804 Mar 19 j 03:15 0°≈ -7799 Jan 15 j 11:04 0°**∡**7 -7804 Apr 19 j 16:58 0°**)**€ -7799 Feb 15 j 17:57 0°ಕ -7804 May 20 j 22:44 $0^{\circ}\Upsilon$ max. Earth dist. -7799 Mar 19 j 00:24 29°る41'40 1.01946 AU -7804 Jun 20 j 15:21 0° 8 -7799 Mar 19 j 08:08 -7804 Jul 20 j 17:27 $0^{\circ}II$ -7799 Apr 19 j 21:56 0°**)**€ -7804 Aug 19 j 07:28 0ಂತಾ -7799 May 21 j 03:45 $0^{\circ}\Upsilon$ min. Earth dist. -7804 Sep 16 j 01:06 28°523'05 0.98054 AU -7799 Jun 20 j 20:25 0°8 -7804 Sep 17 j 14:54 0 $^{\circ}\Omega$ -7799 Jul 20 j 22:34 $0^{\circ}\Pi$ -7804 Oct 16 j 22:46 0° m -7799 Aug 19 j 12:38 0ಂತಾ -7804 Nov 15 j 13:56 0∘**⊽** min. Earth dist. -7799 Sep 15 j 06:36 27°522'19 0.98056 AU -7804 Dec 15 i 17:35 0°M -7799 Sep 17 i 20:08 $0^{\circ}\Omega$ -7803 Jan 15 j 11:49 0°×7 -7799 Oct 17 i 04:01 0° m -7803 Feb 15 i 18:46 0°ರ -7799 Nov 15 j 19:11 0∘**⊽** max. Earth dist. -7803 Mar 16 j 14:40 27°る22'49 1.01950 AU -7799 Dec 15 j 22:49 $0^{\circ}M$ -7803 Mar 19 j 08:58 -7798 Jan 15 j 16:58 0°×7 0°≈≈ -7803 Apr 19 j 22:45 0°**₩** -7798 Feb 15 j 23:50 0°중 -7803 May 21 j 04:34 $0^{\circ}\Upsilon$ -7798 Mar 17 j 17:34 max. Earth dist. 28°る14'44 1.01948 AU 0°8 -7798 Mar 19 j 13:58 -7803 Jun 20 j 21:14 0°≈≈ -7803 Jul 20 j 23:21 -7798 Apr 20 j 03:43 0°) $0^{\circ}\Pi$ 0ಂತಾ -7803 Aug 19 j 13:23 -7798 May 21 j 09:30 $0^{\circ}\Upsilon$ -7803 Sep 16 j 22:39 29°903'14 0.98048 AU -7798 Jun 21 j 02:12 0°8 min. Earth dist. -7803 Sep 17 j 20:48 $0 {\circ} \Omega$ -7798 Jul 21 j 04:21 Π $^{\circ}0$ -7803 Oct 17 j 04:38 -7798 Aug 19 j 18:28 0° M 0.00 -7803 Nov 15 j 19:47 0∘**⊽** min. Earth dist. -7798 Sep 17 j 16:02 29°534'35 0.98056 AU -7803 Dec 15 j 23:26 0°M -7798 Sep 18 j 01:58 0 $^{\circ}\Omega$ -7802 Jan 15 j 17:41 0°**∡** -7798 Oct 17 j 09:51 0° m -7802 Feb 16 j 00:40 0°궁 -7798 Nov 16 j 01:02 0∘**⊽** max. Earth dist. -7802 Mar 18 j 09:23 28°る50'06 1.01944 AU -7798 Dec 16 j 04:39 0°M -7802 Mar 19 j 14:52 0°**≈** -7797 Jan 15 j 22:47 0°**⊼** -7802 Apr 20 j 04:37 0°**)**€ -7797 Feb 16 j 05:38 0°정 -7802 May 21 j 10:23 $0^{\circ}\Upsilon$ -7797 Mar 17 j 11:16 27°る46'09 1.01939 AU max. Earth dist. -7802 Jun 21 j 03:00 0° 8 -7797 Mar 19 j 19:44 -7802 Jul 21 j 05:08 -7797 Apr 20 j 09:27 $0^{\circ}\Pi$ -7797 May 21 j 15:16 $0^{\circ}\Upsilon$ -7802 Aug 19 j 19:13 min. Earth dist. -7802 Sep 15 i 12:07 27°519'37 0.98053 AU -7797 Jun 21 i 07:59 0°8 -7802 Sep 18 j 02:42 $0^{\circ}\Omega$ -7797 Jul 21 i 10:12 $0^{\circ}II$ -7802 Oct 17 i 10:35 0° m -7797 Aug 20 i 00:22 0ಂತಾ -7802 Nov 16 j 01:44 0∘**⊽** min. Earth dist. -7797 Sep 16 j 09:00 27°559'49 0.98054 AU $0^{\circ}\Omega$ -7802 Dec 16 j 05:22 0°M -7797 Sep 18 j 07:55 -7801 Jan 15 j 23:33 0°×7 -7797 Oct 17 j 15:49 O° m 0°궁 -7797 Nov 16 j 06:58 -7801 Feb 16 j 06:28 0∘Ω 28°る44'36 1.01949 AU max Earth dist -7801 Mar 18 j 12:50 -7797 Dec 16 j 10:33 o°m. -7801 Mar 19 j 20:38 0°≈ -7796 Jan 16 j 04:41 0°×7 -7801 Apr 20 j 10:21 0°**)**€ -7796 Feb 16 j 11:32 0°궁 $0^{\circ}\Upsilon$ -7801 May 21 j 16:06 max. Earth dist. -7796 Mar 18 j 15:43 29°る36'29 1.01943 AU -7801 Jun 21 j 08:43 0°8 -7796 Mar 19 j 01:39 0°≈ -7801 Jul 21 j 10:52 $0^{\circ}\Pi$ 0°\ -7796 Apr 19 j 15:21 $0^{\circ}\Upsilon$ -7801 Aug 20 j 00:59 0ಂತಾ -7796 May 20 j 21:07 29°530'37 0.98057 AU -7796 Jun 20 j 13:49 min. Earth dist. -7801 Sep 17 j 21:02 0°8 -7796 Jul 20 j 16:00 -7801 Sep 18 j 08:30 0 $^{\circ}\Omega$ Π °0 -7801 Oct 17 j 16:22 0° m -7796 Aug 19 j 06:09 0ಂತಾ -7801 Nov 16 j 07:29 0∘**⊽** min. Earth dist. -7796 Sep 15 j 20:20 28°514'03 0.98058 AU -7801 Dec 16 j 11:02 0°M -7796 Sep 17 j 13:40 0° Ω -7800 Jan 16 j 05:09 0°**∡** -7796 Oct 16 j 21:33 0° m 0°る 0∘**ত** -7800 Feb 16 j 12:02 -7796 Nov 15 j 12:40

27°る24'39 1.01947 AU

max. Earth dist.

-7800 Mar 16 j 08:41

0°M

-7796 Dec 15 j 16:15

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 12 Attention, astronomical year style is used: The year -7795 in astronomical counting style is the year 7796 BCE in historical counting style. -7795 Jan 15 i 10:23 0°**∡**¹ -7791 Oct 17 j 02:57 0° m -7795 Feb 15 j 17:17 0°궁 -7791 Nov 15 j 18:03 0∘Ω max. Earth dist. 27°る39'22 1.01948 AU -7795 Mar 16 j 20:09 -7791 Dec 15 j 21:36 o°m. -7795 Mar 19 j 07:27 -7790 Jan 15 j 15:44 0°**∡**7 0°≈≈ -7795 Apr 19 j 21:14 0°**∀** -7790 Feb 15 j 22:37 0°궁 $0^{\circ}\Upsilon$ 28°る34'37 1.01950 AU -7795 May 21 j 03:02 max. Earth dist. -7790 Mar 18 j 00:47 -7795 Jun 20 j 19:43 0°8 -7790 Mar 19 j 12:47 0°≈ -7795 Jul 20 j 21:53 $0^{\circ}\Pi$ -7790 Apr 20 j 02:34 0°**)**€ $0^{\circ}\Upsilon$ -7795 Aug 19 j 12:01 0ಂತಾ -7790 May 21 j 08:24 min. Earth dist. -7795 Sep 17 j 05:17 29°523'32 0.98054 AU -7790 Jun 21 j 01:08 0°8 -7795 Sep 17 j 19:31 0° Ω -7790 Jul 21 j 03:21 $0^{\circ}\Pi$ -7795 Oct 17 j 03:24 0° M -7790 Aug 19 j 17:31 0ಂತಾ -7795 Nov 15 j 18:33 0∘**⊽** min. Earth dist. -7790 Sep 17 j 19:30 29°545'50 0.98055 AU -7795 Dec 15 j 22:09 0° M -7790 Sep 18 j 01:02 $0^{\circ}\Omega$ -7794 Jan 15 j 16:19 0°**√** -7790 Oct 17 j 08:53 -7794 Feb 15 j 23:14 0°ರ -7790 Nov 15 j 23:58 0∘**⊽** max. Earth dist. -7794 Mar 17 j 23:47 28°る30'48 1.01942 AU -7790 Dec 16 j 03:28 $0^{\circ}M$ -7794 Mar 19 j 13:25 0°≈ -7789 Jan 15 j 21:31 -7794 Apr 20 j 03:11 0°**∀** -7789 Feb 16 j 04:21 0°정 -7794 May 21 j 08:58 $0^{\circ}\Upsilon$ max. Earth dist. -7789 Mar 17 j 06:38 27°る38'08 1.01943 AU -7794 Jun 21 j 01:37 0°8 -7789 Mar 19 j 18:30 0°≈ -7794 Jul 21 i 03:46 $0^{\circ}\Pi$ -7789 Apr 20 i 08:17 0°) -7794 Aug 19 j 17:53 0°© -7789 May 21 j 14:09 $0^{\circ}\Upsilon$ min. Earth dist. -7794 Sep 15 i 13:37 27°526'48 0.98055 AU -7789 Jun 21 i 06:55 0°8 -7794 Sep 18 j 01:25 -7789 Jul 21 j 09:12 $\Pi^{\circ}0$ $0^{\circ}\Omega$ -7794 Oct 17 j 09:20 -7789 Aug 19 j 23:25 0° m 0.00 -7789 Sep 16 j 18:18 -7794 Nov 16 j 00:31 0∘ഹ min Earth dist 28°526'03 0.98054 AU -7794 Dec 16 j 04:08 oom. -7789 Sep 18 j 06:59 $0^{\circ}\Omega$ -7793 Jan 15 j 22:17 0°×7 -7789 Oct 17 j 14:52 O° m 0°ರ -7793 Feb 16 j 05:09 -7789 Nov 16 j 05:57 0∘ಹ max. Earth dist. -7793 Mar 18 j 21:27 29°る08'12 1.01947 AU -7789 Dec 16 j 09:26 0°M -7793 Mar 19 j 19:17 -7788 Jan 16 j 03:28 0°×7 0°≈ -7793 Apr 20 j 09:02 0°**)** -7788 Feb 16 j 10:16 ೧ಂತ $0^{\circ}\Upsilon$ -7788 Mar 18 j 21:22 -7793 May 21 j 14:49 max. Earth dist. 29°る52'50 1.01944 AU 0°8 -7793 Jun 21 j 07:29 -7788 Mar 19 j 00:23 0°≈ -7793 Jul 21 j 09:38 Π $^{\circ}0$ -7788 Apr 19 j 14:10 0°**₩** -7793 Aug 19 j 23:45 0ಂತಾ -7788 May 20 j 20:01 $0^{\circ}\Upsilon$ min. Earth dist. -7793 Sep 17 j 10:56 29°507'54 0.98057 AU -7788 Jun 20 j 12:47 0°8 -7793 Sep 18 j 07:16 $0^{\circ}\Omega$ -7788 Jul 20 j 15:02 $0^{\circ}\Pi$ -7793 Oct 17 j 15:08 0° m -7788 Aug 19 j 05:12 0ಂತಾ -7793 Nov 16 j 06:15 0∘**⊽** min. Earth dist. -7788 Sep 15 j 13:09 27°558'03 0.98058 AU -7793 Dec 16 j 09:49 $0^{\circ}M$ -7788 Sep 17 j 12:44 0° Ω -7792 Jan 16 j 03:55 -7788 Oct 16 j 20:37 0°×7 0° m -7792 Feb 16 j 10:46 0°궁 -7788 Nov 15 j 11:42 27°る33'07 1.01948 AU -7788 Dec 15 j 15:12 max. Earth dist. -7792 Mar 16 j 10:58 -7792 Mar 19 i 00:56 0°**≈** -7787 Jan 15 i 09:14 0°×7 -7792 Apr 19 j 14:45 0°**)**€ -7787 Feb 15 i 16:02 0°궁 -7792 May 20 j 20:39 $0^{\circ}\Upsilon$ max. Earth dist. -7787 Mar 17 i 06:37 28°る07'15 1.01949 AU -7792 Jun 20 j 13:26 0°8 -7787 Mar 19 j 06:10 0°≈ -7792 Jul 20 j 15:39 $0^{\circ}II$ -7787 Apr 19 j 19:58 0°\ -7792 Aug 19 j 05:46 0.00 -7787 May 21 j 01:52 28°55'12 0.98048 AU -7787 Jun 20 j 18:39 -7792 Sep 16 j 11:56 min Earth dist 0°X -7787 Jul 20 j 20:53 -7792 Sep 17 j 13:14 $0^{\circ}\Omega$ 0°Π -7792 Oct 16 j 21:03 0° m -7787 Aug 19 j 11:02 0ಂತಾ -7792 Nov 15 j 12:08 0∘ଫ min. Earth dist. -7787 Sep 17 j 10:02 29°538'13 0.98054 AU -7792 Dec 15 j 15:42 0°M 0° Ω -7787 Sep 17 j 18:32 0°×7 -7791 Jan 15 j 09:49 -7787 Oct 17 j 02:24 0° m 0°궁 -7791 Feb 15 j 16:43 -7787 Nov 15 j 17:30 0∘ଫ 29°る34'30 1.01946 AU 0°M max. Earth dist. -7791 Mar 18 j 20:09 -7787 Dec 15 j 21:03 -7791 Mar 19 j 06:55 0°≈ -7786 Jan 15 j 15:08 0°×7 -7791 Apr 19 j 20:44 0°**₩** -7786 Feb 15 j 21:58 0°궁 $0^{\circ}\Upsilon$ -7791 May 21 j 02:36 max. Earth dist. -7786 Mar 17 j 17:11 28°る18'21 1.01940 AU -7791 Jun 20 j 19:20 0°8 -7786 Mar 19 j 12:05 0°≈

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min. Earth dist.

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27°528'41 0.98052 AU

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|---------------------|----------------------|-------------------------|--------------------|-------------------------|-----------------------------|---------------------------|------------|
| Attention, astronom | | - | n astronomical cou | nting style is the year | r 7787 BCE in historical co | | |
| | -7786 Aug 19 j 16:53 | 0 | | | -7781 May 21 j 12:38 | 0 ° Υ | |
| min. Earth dist. | -7786 Sep 15 j 20:39 | 27° © 47'25 | 0.98054 AU | | -7781 Jun 21 j 05:28 | 9° 8 | |
| | -7786 Sep 18 j 00:25 | $0 {\circ} \mathcal{N}$ | | | -7781 Jul 21 j 07:46 | Π $^{\circ}0$ | |
| | -7786 Oct 17 j 08:18 | O° m ∤ | | | -7781 Aug 19 j 21:58 | 0 \circ ∞ | |
| | -7786 Nov 15 j 23:26 | 0∘ ত | | min. Earth dist. | -7781 Sep 17 j 00:19 | 28° © 45'13 | 0.98052 AU |
| | -7786 Dec 16 j 02:59 | 0° M ₊ | | | -7781 Sep 18 j 05:30 | $0^{\circ}\Omega$ | |
| | -7785 Jan 15 j 21:04 | 0° ⊼ ¹ | | | -7781 Oct 17 j 13:22 | 0° m) | |
| | -7785 Feb 16 j 03:53 | 8°0 | | | -7781 Nov 16 j 04:26 | 0∘ ⊽ | |
| max. Earth dist. | -7785 Mar 19 j 04:58 | 29° ට 29'11 | 1.01944 AU | | -7781 Dec 16 j 07:54 | 0°M | |
| | -7785 Mar 19 j 17:58 | 0° ≈ | | | -7780 Jan 16 j 01:54 | 0° ∡ ¹ | |
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| · Patra | -7785 Aug 19 j 22:42 | 0°© | 0.00050 411 | | -7780 May 20 j 18:31 | | |
| min. Earth dist. | -7785 Sep 17 j 06:08 | 28°958'13 | 0.98058 AU | | -7780 Jun 20 j 11:22 | 0° 8 | |
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| | -7785 Oct 17 j 14:05 | 0° ™ | | | -7780 Aug 19 j 03:50 | 0 | |
| | -7785 Nov 16 j 05:08 | 0∘ ⊽ | | min. Earth dist. | -7780 Sep 15 j 08:30 | 27° © 49'42 | 0.98053 AU |
| | -7785 Dec 16 j 08:36 | 0° M | | | -7780 Sep 17 j 11:20 | $0 {\circ} \Omega$ | |
| | -7784 Jan 16 j 02:38 | 0° ∡ ¹ | | | -7780 Oct 16 j 19:07 | 0° m/ | |
| | -7784 Feb 16 j 09:26 | 0°る | | | -7780 Nov 15 j 10:09 | 0∘ ত | |
| max. Earth dist. | -7784 Mar 16 j 14:13 | 27° る 44'03 | 1.01947 AU | | -7780 Dec 15 j 13:37 | 0° M | |
| | -7784 Mar 18 j 23:33 | 0° ≈ | | | -7779 Jan 15 j 07:38 | 0° ∡ ″ | |
| | -7784 Apr 19 j 13:20 | 0° ∀ | | | -7779 Feb 15 j 14:25 | 8°0 | |
| | -7784 May 20 j 19:14 | 0° Υ | | max. Earth dist. | -7779 Mar 17 j 14:23 | 28° る 29'30 | 1.01950 AU |
| | -7784 Jun 20 j 12:02 | 0°8 | | | -7779 Mar 19 j 04:33 | 0° ≈ | |
| | -7784 Jul 20 j 14:20 | $\Pi^{\circ}0$ | | | -7779 Apr 19 j 18:22 | 0° ∀ | |
| | -7784 Aug 19 j 04:32 | 0ം ഉ | | | -7779 May 21 j 00:19 | 0 ° Υ | |
| min. Earth dist. | -7784 Sep 16 j 21:04 | 29° © 21'35 | 0.98052 AU | | -7779 Jun 20 j 17:10 | 0° ႘ | |
| | -7784 Sep 17 j 12:04 | 0°N | | | -7779 Jul 20 j 19:30 | 0°Щ | |
| | -7784 Oct 16 j 19:53 | 0° m | | | -7779 Aug 19 j 09:41 | 0 . ಹ | |
| | -7784 Nov 15 j 10:56 | 0∘ ⊽ | | | -7779 Sep 17 j 17:11 | 0°N | |
| | -7784 Dec 15 j 14:24 | 0°M | | min. Earth dist. | -7779 Sep 17 j 15:34 | 29°\$55'50 | 0.98052 AU |
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| | -7783 Feb 15 j 15:17 | 0°ਰ | | | -7779 Nov 15 j 15:59 | 0° ت | |
| max. Earth dist. | -7783 Mar 18 j 12:19 | 29° ට 19'21 | 1.01945 AU | | -7779 Dec 15 j 19:26 | 0°M | |
| max. Larm dist. | -7783 Mar 19 j 05:28 | 0°≈ | 1.01745710 | | -7778 Jan 15 j 13:28 | 0° ⊼ ⊓ | |
| | -7783 Apr 19 j 19:17 | 0° ∺ | | | -7778 Feb 15 j 20:17 | °ੇਂ ਰ°ੇਂ | |
| | -7783 May 21 j 01:09 | 0° Υ | | max. Earth dist. | -7778 Mar 17 j 08:15 | 28° පි 01'05 | 1.01942 AU |
| | -7783 Jun 20 j 17:55 | 0°8 | | max. Earth dist. | -7778 Mar 19 j 10:26 | 28 ⊙ 01 03 | 1.01942 AU |
| | • | | | | · | | |
| | -7783 Jul 20 j 20:09 | 0° Ⅱ | | | -7778 Apr 20 j 00:14 | 0°) € | |
| · Patra | -7783 Aug 19 j 10:19 | 0°9 | 0.00054.441 | | -7778 May 21 j 06:09 | 0°Υ | |
| min. Earth dist. | -7783 Sep 15 j 09:46 | 27°936'17 | 0.98054 AU | | -7778 Jun 20 j 22:59 | 0° 8 | |
| | -7783 Sep 17 j 17:51 | 0°N | | | -7778 Jul 21 j 01:19 | 0° Π | |
| | -7783 Oct 17 j 01:43 | 0° m/y | | | -7778 Aug 19 j 15:34 | 0°© | |
| | -7783 Nov 15 j 16:47 | 0∘ ⊽ | | min. Earth dist. | -7778 Sep 16 j 06:15 | 28°515'17 | 0.98053 AU |
| | -7783 Dec 15 j 20:17 | 0° M - | | | -7778 Sep 17 j 23:08 | 0 $^{\circ}\Omega$ | |
| | -7782 Jan 15 j 14:20 | 0° ∡ 7 | | | -7778 Oct 17 j 06:59 | 0° ™ | |
| | -7782 Feb 15 j 21:09 | 0°ರ | | | -7778 Nov 15 j 22:01 | 0∘ ⊽ | |
| max. Earth dist. | -7782 Mar 18 j 09:33 | 28° ろ 58'56 | 1.01950 AU | | -7778 Dec 16 j 01:28 | 0°M | |
| | -7782 Mar 19 j 11:18 | 0° ≈ | | | -7777 Jan 15 j 19:27 | 0° √ | |
| | -7782 Apr 20 j 01:05 | 0°) € | | | -7777 Feb 16 j 02:13 | 0°₹ | |
| | -7782 May 21 j 06:57 | 0° Y | | max. Earth dist. | -7777 Mar 19 j 11:31 | 29° る 48'35 | 1.01945 AU |
| | -7782 Jun 20 j 23:42 | 0° ႘ | | | -7777 Mar 19 j 16:20 | 0° ≈ | |
| | -7782 Jul 21 j 01:55 | $\Pi^{\circ}0$ | | | -7777 Apr 20 j 06:06 | 0° ∀ | |
| | -7782 Aug 19 j 16:05 | 0 \circ \odot | | | -7777 May 21 j 11:59 | 0° Y | |
| | -7782 Sep 17 j 23:37 | $0^{\circ}\Omega$ | | | -7777 Jun 21 j 04:48 | 9° 8 | |
| min. Earth dist. | -7782 Sep 17 j 14:05 | 29° © 35'35 | 0.98057 AU | | -7777 Jul 21 j 07:09 | Π $^{\circ}0$ | |
| | -7782 Oct 17 j 07:29 | 0° m | | | -7777 Aug 19 j 21:25 | 0°€ | |
| | -7782 Nov 15 j 22:34 | 0∘ <u>⊽</u> | | min. Earth dist. | -7777 Sep 16 j 23:00 | 28°543'06 | 0.98060 AU |
| | -7782 Dec 16 j 02:03 | 0°M | | | -7777 Sep 18 j 05:00 | $0^{\circ}\Omega$ | |
| | -7781 Jan 15 j 20:03 | 0° ∡ ¹ | | | -7777 Oct 17 j 12:51 | 0° m/ | |
| | -7781 Feb 16 j 02:48 | 0°ප | | | -7777 Nov 16 j 03:51 | 0° ⊙ | |
| max. Earth dist. | -7781 Mar 17 j 06:53 | 27° る 42'27 | 1.01944 AU | | -7777 Dec 16 j 07:14 | 0°M | |
| | -7781 Mar 19 j 16:55 | 0° ≈ | - | | -7776 Jan 16 j 01:08 | 0° ∡ 7 | |
| | -7781 Apr 20 j 06:43 | 0°) € | | | -7776 Feb 16 j 07:51 | 0°ਤ | |
| | -rvj vv. 13 | | | | J 07.01 | | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 14 Attention, astronomical year style is used: The year -7776 in astronomical counting style is the year 7777 BCE in historical counting style.

| Attention, astronom | ical year style is used: Th | e year -7776 i | n astronomical cou | nting style is the year | 7777 BCE in historical c | ounting style. | |
|---------------------|--|-----------------------------------|--------------------|-------------------------|--|-------------------------------------|-------------|
| max. Earth dist. | -7776 Mar 16 j 22:31 | 28° ප 07'31 | 1.01948 AU | | -7772 Dec 15 j 12:37 | 0° M | |
| | -7776 Mar 18 j 21:58 | 0° ≈ | | | -7771 Jan 15 j 06:35 | 0° ∡ 7 | |
| | -7776 Apr 19 j 11:48 | 0°) | | | -7771 Feb 15 j 13:21 | 0° ට | |
| | -7776 May 20 j 17:47 | 0 ° $\mathbf{\Upsilon}$ | | max. Earth dist. | -7771 Mar 17 j 21:54 | 28° る 49'52 | 1.01950 AU |
| | -7776 Jun 20 j 10:40 | 0°8 | | | -7771 Mar 19 j 03:28 | 0° ≈ | |
| | -7776 Jul 20 j 13:02 | $\Pi^{\circ}0$ | | | -7771 Apr 19 j 17:17 | 0° ∀ | |
| | -7776 Aug 19 j 03:17 | 0°© | | | -7771 May 20 j 23:13 | 0° Υ | |
| min. Earth dist. | -7776 Sep 17 j 03:41 | | 0.98054 AU | | -7771 Jun 20 j 16:04 | 8°0 | |
| | -7776 Sep 17 j 10:51 | 0°N | | | -7771 Jul 20 j 18:23 | 0° Ⅱ | |
| | -7776 Oct 16 j 18:42 | 0° Т р | | | -7771 Aug 19 j 08:37 | 0° © | |
| | -7776 Nov 15 j 09:43 -7776 Dec 15 j 13:08 | 0° ╟ 0° 亞 | | min. Earth dist. | -7771 Sep 17 j 16:10 -7771 Sep 17 j 14:19 | 0° Ω 29° © 55'17 | 0.98057 AU |
| | -7775 Jan 15 j 07:04 | 0° ⊼ 1 | | min. Earm dist. | -7771 Oct 17 j 00:01 | 29 € 3 3317 0° m) | 0.98037 AU |
| | -7775 Feb 15 j 13:49 | % ਨ੍ਹ | | | -7771 Nov 15 j 15:02 | 0° ت راالا | |
| max. Earth dist. | -7775 Mar 18 j 06:39 | | 1.01943 AU | | -7771 Dec 15 j 18:27 | 0° ™ | |
| max. Dartii dist. | -7775 Mar 19 j 03:57 | 0°≈ | 1.01715710 | | -7770 Jan 15 j 12:26 | 0° ∡ 7 | |
| | -7775 Apr 19 j 17:48 | 0°) € | | | -7770 Feb 15 j 19:12 | 0°ප | |
| | -7775 May 20 j 23:46 | 0° Υ | | max. Earth dist. | -7770 Mar 17 j 03:14 | | 1.01943 AU |
| | -7775 Jun 20 j 16:38 | 0°8 | | | -7770 Mar 19 j 09:20 | 0° ≈ | |
| | -7775 Jul 20 j 18:57 | Π° | | | -7770 Apr 19 j 23:09 | 0°) | |
| | -7775 Aug 19 j 09:10 | 0°9 | | | -7770 May 21 j 05:05 | 0 ° Υ | |
| min. Earth dist. | -7775 Sep 15 j 13:40 | 27° © 49'12 | 0.98054 AU | | -7770 Jun 20 j 21:56 | 0°8 | |
| | -7775 Sep 17 j 16:43 | $0^{\circ}\Omega$ | | | -7770 Jul 21 j 00:15 | Π $^{\circ}0$ | |
| | -7775 Oct 17 j 00:35 | 0° m | | | -7770 Aug 19 j 14:28 | 0 \circ \odot | |
| | -7775 Nov 15 j 15:39 | 0∘ ⊽ | | min. Earth dist. | -7770 Sep 16 j 11:03 | 28° © 30'25 | 0.98053 AU |
| | -7775 Dec 15 j 19:07 | 0°M | | | -7770 Sep 17 j 22:02 | $0 {\circ} \Omega$ | |
| | -7774 Jan 15 j 13:06 | 0° ∡ | | | -7770 Oct 17 j 05:54 | 0° m | |
| | -7774 Feb 15 j 19:51 | 0°る | | | -7770 Nov 15 j 20:57 | 0° ⊽ | |
| max. Earth dist. | -7774 Mar 18 j 18:39 | | 1.01946 AU | | -7770 Dec 16 j 00:24 | 0°M | |
| | -7774 Mar 19 j 09:56 | 0° ≈ | | | -7769 Jan 15 j 18:21 | 0° ⊼ | |
| | -7774 Apr 19 j 23:42 | 0° ℋ 0° Ƴ | | | -7769 Feb 16 j 01:06 | 0°る 0°≈ | |
| | -7774 May 21 j 05:37 -7774 Jun 20 j 22:28 | 0°8 | | max. Earth dist. | -7769 Mar 19 j 15:12 -7769 Mar 19 j 15:23 | 0 ≈ 0°≈00'25 | 1.01945 AU |
| | -7774 Jul 20 j 22:28 | 0°II | | max. Lartii dist. | -7769 Apr 20 j 05:01 | 0° ∺ | 1.01)+3 AC |
| | -7774 Aug 19 j 15:02 | 0°© | | | -7769 May 21 j 10:57 | 0° Υ | |
| min. Earth dist. | -7774 Sep 17 j 10:14 | | 0.98059 AU | | -7769 Jun 21 j 03:48 | 0°8 | |
| | -7774 Sep 17 j 22:36 | 0°N | | | -7769 Jul 21 j 06:09 | 0°II | |
| | -7774 Oct 17 j 06:27 | 0°m | | | -7769 Aug 19 j 20:22 | 0ಂತಾ | |
| | -7774 Nov 15 j 21:30 | 0∘ ⊽ | | min. Earth dist. | -7769 Sep 16 j 11:27 | 28° © 16'20 | 0.98056 AU |
| | -7774 Dec 16 j 00:57 | 0°M | | | -7769 Sep 18 j 03:54 | $0^{\circ}\Omega$ | |
| | -7773 Jan 15 j 18:54 | 0° ∡ ¹ | | | -7769 Oct 17 j 11:42 | 0° m/ | |
| | -7773 Feb 16 j 01:36 | 0°ප | | | -7769 Nov 16 j 02:41 | 0∘ ত | |
| max. Earth dist. | -7773 Mar 17 j 08:17 | 27° る 48'42 | 1.01942 AU | | -7769 Dec 16 j 06:03 | 0° M | |
| | -7773 Mar 19 j 15:39 | 0° ≈ | | | -7768 Jan 15 j 23:58 | 0° ∡ 7 | |
| | -7773 Apr 20 j 05:25 | 0° ∀ | | | -7768 Feb 16 j 06:41 | 0°ප | |
| | -7773 May 21 j 11:21 | 0° Υ | | max. Earth dist. | -7768 Mar 17 j 05:04 | 28° る 25'49 | 1.01950 AU |
| | -7773 Jun 21 j 04:15 | 8°0 | | | -7768 Mar 18 j 20:47 | 0° ≈ | |
| | -7773 Jul 21 j 06:39 | 0° Ⅱ | | | -7768 Apr 19 j 10:39 | 0° ℋ 0° Ƴ | |
| min. Earth dist. | -7773 Aug 19 j 20:57 | 0°© | 0.00054.411 | | -7768 May 20 j 16:40 | | |
| min. Earth dist. | -7773 Sep 17 j 10:27 -7773 Sep 18 j 04:32 | 29° © 13'40 0° Ω | 0.98054 AU | | -7768 Jun 20 j 09:38 -7768 Jul 20 j 12:02 | 0° B | |
| | -7773 Oct 17 j 12:24 | 0° m | | | -7768 Aug 19 j 02:16 | 0°© | |
| | -7773 Nov 16 j 03:25 | 0° ت م الأ | | min. Earth dist. | -7768 Sep 17 j 02:10 | 29° 9 58'19 | 0.98050 AU |
| | -7773 Dec 16 j 06:50 | 0°M | | mm. Darun alou. | -7768 Sep 17 j 09:46 | 0° Ω | 0.50050110 |
| | -7772 Jan 16 j 00:47 | 0° ∡ ¹ | | | -7768 Oct 16 j 17:31 | 0° m | |
| | -7772 Feb 16 j 07:32 | 0°⋜ | | | -7768 Nov 15 j 08:27 | $0 \circ \overline{\mathbf{v}}$ | |
| | -7772 Mar 18 j 21:37 | 0° ≈ | | | -7768 Dec 15 j 11:48 | 0°M | |
| max. Earth dist. | -7772 Mar 18 j 18:33 | 29° る 52'43 | 1.01941 AU | | -7767 Jan 15 j 05:44 | 0° ∡ 7 | |
| | -7772 Apr 19 j 11:24 | 0°) € | | | -7767 Feb 15 j 12:29 | 8°0 | |
| | -7772 May 20 j 17:20 | $0^{\circ}\mathbf{\Upsilon}$ | | max. Earth dist. | -7767 Mar 17 j 18:00 | 28° ප් 42'39 | 1.01945 AU |
| | -7772 Jun 20 j 10:12 | 9° 8 | | | -7767 Mar 19 j 02:38 | 0° ≈ | |
| | -7772 Jul 20 j 12:33 | $\Pi^{\circ}0$ | | | -7767 Apr 19 j 16:31 | 0° ∀ | |
| | -7772 Aug 19 j 02:49 | 0.0 | | | -7767 May 20 j 22:33 | 0° Υ | |
| min. Earth dist. | -7772 Sep 15 j 08:03 | 27° 9 51'03 | 0.98056 AU | | -7767 Jun 20 j 15:29 | 8°0 | |
| | -7772 Sep 17 j 10:22 | 0° Ω | | | -7767 Jul 20 j 17:53 | 0° Ⅱ | |
| | -7772 Oct 16 j 18:12 | 0° Т р | | min Death 31 4 | -7767 Aug 19 j 08:08 | 0ಂಲ 13113 | 0.00040 411 |
| | -7772 Nov 15 j 09:13 | 0∘ ⊽ | | min. Earth dist. | -7767 Sep 15 j 21:34 | 28° © 12'13 | 0.98049 AU |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7767 in astronomical counting style is the year 7768 BCE in historical counting style. -7767 Sep 17 j 15:38 $0^{\circ}\Omega$ -7762 Jul 20 j 22:49 $\Pi^{\circ}0$ -7767 Oct 16 j 23:24 -7762 Aug 19 j 13:08 0° mb 0ംഉ 29°501'07 0.98054 AU -7767 Nov 15 j 14:20 0∘ഹ -7762 Sep 16 j 21:45 min. Earth dist. -7767 Dec 15 j 17:42 o°m. -7762 Sep 17 j 20:44 0 $^{\circ}\Omega$ 0°Щ -7766 Jan 15 j 11:38 0°×7 -7762 Oct 17 j 04:34 -7766 Feb 15 j 18:23 0°궁 -7762 Nov 15 j 19:34 0∘ಹ max. Earth dist. -7766 Mar 19 j 01:15 29°る42'47 1.01949 AU -7762 Dec 15 j 22:57 0°M -7766 Mar 19 j 08:30 0°≈ -7761 Jan 15 j 16:50 0°**∡**7 -7766 Apr 19 j 22:20 0°**∀** -7761 Feb 15 j 23:30 0°궁 -7766 May 21 j 04:19 $0^{\circ}\Upsilon$ -7761 Mar 19 j 13:32 0°≈ -7766 Jun 20 j 21:14 0° 8 max. Earth dist. -7761 Mar 19 j 16:18 0°≈06'33 1.01940 AU -7766 Jul 20 j 23:38 $0^{\circ}\Pi$ -7761 Apr 20 j 03:19 0°**)**€ $0^{\circ}\Upsilon$ -7766 Aug 19 j 13:56 0ಂಣ -7761 May 21 j 09:16 min. Earth dist. -7766 Sep 17 j 05:42 29°519'30 0.98058 AU -7761 Jun 21 j 02:12 0°8 -7766 Sep 17 j 21:30 $0^{\circ}\Omega$ -7761 Jul 21 j 04:40 $0^{\circ}\Pi$ -7766 Oct 17 j 05:18 0° m -7761 Aug 19 j 19:02 0ಂತಾ -7766 Nov 15 j 20:15 0∘**⊽** min. Earth dist. -7761 Sep 16 j 10:40 28°517'34 0.98058 AU 0°M -7766 Dec 15 j 23:33 -7761 Sep 18 j 02:38 0° Ω -7765 Jan 15 j 17:22 0°×7 -7761 Oct 17 j 10:26 0° m -7765 Feb 16 j 00:01 0°궁 -7761 Nov 16 j 01:22 0∘**⊽** max. Earth dist. -7765 Mar 17 j 14:32 28°る07'15 1.01946 AU -7761 Dec 16 j 04:39 0°M -7765 Mar 19 j 14:05 0°≈ -7760 Jan 15 j 22:30 0°×7 -7765 Apr 20 i 03:55 0°**)**€ -7760 Feb 16 i 05:09 0°궁 -7765 May 21 j 09:56 $0^{\circ}\Upsilon$ max. Earth dist. -7760 Mar 17 i 11:55 28°る45'49 1.01947 AU -7765 Jun 21 j 02:54 0°8 -7760 Mar 18 j 19:12 0°≈ -7765 Jul 21 j 05:22 -7760 Apr 19 j 09:01 0°\ 0°Π -7765 Aug 19 j 19:43 0.00 -7760 May 20 j 15:02 $0^{\circ}\Upsilon$ -7765 Sep 17 j 19:23 min. Earth dist. 29°539'36 0.98055 AU -7760 Jun 20 j 08:01 0°8 -7760 Jul 20 j 10:29 -7765 Sep 18 j 03:20 $0^{\circ}\Omega$ $0^{\circ}\Pi$ -7765 Oct 17 j 11:10 -7760 Aug 19 j 00:50 0° m 0ಂತಾ -7765 Nov 16 j 02:07 0∘**⊽** -7760 Sep 17 j 08:25 $0^{\circ}\Omega$ min. Earth dist. -7765 Dec 16 j 05:24 0°M -7760 Sep 17 j 13:50 0°**Ω**13'53 0.98056 AU -7764 Jan 15 j 23:13 0°**∡**¹ -7760 Oct 16 j 16:14 0° m 0°궁 -7764 Feb 16 j 05:52 -7760 Nov 15 j 07:09 0∘ଫ -7764 Mar 18 j 19:56 0°≈ -7760 Dec 15 j 10:26 0°M 29°る56'07 1.01942 AU max. Earth dist. -7764 Mar 18 j 18:18 -7759 Jan 15 j 04:17 0° ×7 -7764 Apr 19 j 09:47 0°**∀** -7759 Feb 15 j 10:59 0°궁 -7764 May 20 j 15:50 $0^{\circ}\Upsilon$ max. Earth dist. -7759 Mar 17 j 07:34 28°る21'31 1.01944 AU -7764 Jun 20 j 08:48 0° 8 -7759 Mar 19 j 01:07 0°≈ -7764 Jul 20 j 11:14 $0^{\circ}II$ -7759 Apr 19 j 14:59 0°**)**€ -7764 Aug 19 j 01:32 0ಂತಾ -7759 May 20 j 21:00 $0^{\circ}\Upsilon$ -7764 Sep 15 j 10:01 27°559'20 0.98056 AU -7759 Jun 20 j 13:57 min. Earth dist. 0°8 -7764 Sep 17 j 09:07 -7759 Jul 20 j 16:22 $0^{\circ}\Omega$ -7764 Oct 16 j 16:56 0° M -7759 Aug 19 j 06:40 28°527'33 0.98053 AU -7764 Nov 15 j 07:54 0∘Ω min. Earth dist. -7759 Sep 16 j 02:09 -7764 Dec 15 i 11:13 0°M -7759 Sep 17 i 14:15 $0^{\circ}\Omega$ -7763 Jan 15 i 05:04 0°×7 -7759 Oct 16 i 22:05 0° m -7763 Feb 15 i 11:43 0°궁 -7759 Nov 15 i 13:03 0∘**⊽** max. Earth dist. -7763 Mar 18 j 09:53 29°る22'20 1.01948 AU -7759 Dec 15 i 16:24 0°M -7763 Mar 19 j 01:46 -7758 Jan 15 j 10:17 0°×7 0°≈≈ 0°**₩** -7758 Feb 15 j 16:59 0°궁 -7763 Apr 19 j 15:36 29°る59'42 1.01947 AU $0^{\circ}\Upsilon$ -7763 May 20 j 21:38 max. Earth dist. -7758 Mar 19 j 06:58 -7763 Jun 20 j 14:36 0°8 -7758 Mar 19 j 07:05 0°≈≈ -7763 Jul 20 j 17:02 $0^{\circ}II$ -7758 Apr 19 j 20:56 0°) -7763 Aug 19 j 07:19 0000 -7758 May 21 j 02:55 $0^{\circ}\Upsilon$ -7763 Sep 17 j 14:53 0° Ω -7758 Jun 20 j 19:51 0°8 29°956'16 0.98057 AU -7758 Jul 20 j 22:16 $0^{\circ}\Pi$ min. Earth dist. -7763 Sep 17 j 13:26 -7763 Oct 16 j 22:42 0° M -7758 Aug 19 j 12:33 0ಂತಾ 28°543'04 0.98059 AU -7763 Nov 15 j 13:41 0∘**⊽** min. Earth dist. -7758 Sep 16 j 14:07 -7763 Dec 15 j 17:02 0°M -7758 Sep 17 j 20:08 0 $^{\circ}$ Ω -7762 Jan 15 j 10:54 0°**√** -7758 Oct 17 j 03:58 0° m -7762 Feb 15 j 17:34 0°ಕ -7758 Nov 15 j 18:56 0∘**⊽** max. Earth dist. -7762 Mar 17 j 04:09 27°る58'02 1.01941 AU -7758 Dec 15 j 22:15 0°M -7762 Mar 19 j 07:36 0°≈ -7757 Jan 15 j 16:03 0°**∡**7 -7762 Apr 19 j 21:24 0°**)**€ -7757 Feb 15 j 22:40 0°궁 $0^{\circ}\Upsilon$ max. Earth dist. 28°る23'42 1.01946 AU

-7757 Mar 17 j 20:06

-7757 Mar 19 j 12:43

-7762 May 21 j 03:23

-7762 Jun 20 j 20:21

 0° 8

Attention, astronomical year style is used: The year -7757 in astronomical counting style is the year 7758 BCE in historical counting style. -7757 Apr 20 j 02:34 0°**∀** -7752 Feb 16 j 03:51 0°정 -7757 May 21 j 08:37 $0^{\circ}\Upsilon$ -7752 Mar 17 j 23:49 29°る17'07 1.01949 AU max. Earth dist. -7757 Jun 21 j 01:38 0°8 -7752 Mar 18 j 17:54 0°≈≈ -7757 Jul 21 j 04:07 $0^{\circ}\Pi$ -7752 Apr 19 j 07:48 0°\ 0° -7757 Aug 19 j 18:26 0ಂತಾ -7752 May 20 j 13:54 -7752 Jun 20 j 06:59 min. Earth dist. -7757 Sep 17 j 23:07 29°552'33 0.98053 AU 0°8 -7752 Jul 20 j 09:31 -7757 Sep 18 j 02:01 0° Ω $0^{\circ}\Pi$ -7752 Aug 18 j 23:53 -7757 Oct 17 j 09:49 0° m 0ಂತಾ -7757 Nov 16 j 00:45 0∘**⊽** -7752 Sep 17 j 07:29 $0^{\circ}\Omega$ -7757 Dec 16 j 04:03 0° M min. Earth dist. -7752 Sep 17 j 14:43 0°**Ω**18'32 0.98056 AU -7756 Jan 15 j 21:53 0°**∡**¹ -7752 Oct 16 j 15:16 0° M -7756 Feb 16 j 04:32 0°ಕ -7752 Nov 15 j 06:09 0∘**⊽** max. Earth dist. -7756 Mar 18 j 07:07 29°る32'44 1.01942 AU -7752 Dec 15 j 09:22 0°M -7756 Mar 18 j 18:37 0°≈ -7751 Jan 15 j 03:07 0°**⊼** -7756 Apr 19 j 08:30 0°**)**€ -7751 Feb 15 j 09:43 0°정 -7756 May 20 j 14:36 $0^{\circ}\Upsilon$ max. Earth dist. -7751 Mar 17 j 06:59 28°る23'19 1.01944 AU -7756 Jun 20 j 07:38 0° 8 -7751 Mar 18 j 23:47 0°≈ -7756 Jul 20 j 10:07 $\mathbb{I}^{\circ 0}$ -7751 Apr 19 j 13:41 0°**)**€ -7756 Aug 19 j 00:25 0ಂತಾ -7751 May 20 j 19:48 $0^{\circ}\Upsilon$ min. Earth dist. -7756 Sep 15 j 13:54 28°9512'15 0.98050 AU -7751 Jun 20 j 12:52 0°8 -7756 Sep 17 j 07:57 0 $^{\circ}\Omega$ -7751 Jul 20 j 15:23 Π °0 -7756 Oct 16 j 15:42 0° m -7751 Aug 19 i 05:44 0ಂತಾ -7756 Nov 15 i 06:35 0∘**⊽** min. Earth dist. -7751 Sep 16 i 10:33 28°951'26 0.98052 AU -7756 Dec 15 j 09:53 $0^{\circ}M$ -7751 Sep 17 j 13:19 $0^{\circ}\Omega$ -7755 Jan 15 j 03:44 0°**∡**¹ -7751 Oct 16 j 21:07 0° m -7755 Feb 15 j 10:25 0°₹ -7751 Nov 15 j 12:03 0∘Ω 29°る39'50 1.01951 AU -7751 Dec 15 j 15:20 max Earth dist -7755 Mar 18 j 16:01 oom. -7750 Jan 15 j 09:08 -7755 Mar 19 j 00:31 0°≈≈ 0°×7 0°**)**€ -7750 Feb 15 j 15:45 -7755 Apr 19 j 14:23 0°궁 -7755 May 20 j 20:28 $0^{\circ}\Upsilon$ -7750 Mar 19 j 05:47 0°≈ -7755 Jun 20 j 13:30 -7750 Mar 19 j 13:19 0° 8 max. Earth dist. 0°≈17'51 1.01943 AU -7750 Apr 19 j 19:37 -7755 Jul 20 j 15:59 $0^{\circ}II$ 0°)($0^{\circ}\Upsilon$ -7755 Aug 19 j 06:19 0ಂತಾ -7750 May 21 j 01:40 -7755 Sep 17 j 11:25 29°553'45 0.98054 AU -7750 Jun 20 j 18:42 0°8 min. Earth dist. -7750 Jul 20 j 21:14 -7755 Sep 17 j 13:51 0 $^{\circ}\Omega$ $0^{\circ}\Pi$ -7750 Aug 19 j 11:37 -7755 Oct 16 j 21:36 0° M 0ಂತಾ -7755 Nov 15 j 12:29 0∘**⊽** min. Earth dist. -7750 Sep 16 j 10:18 28°\$35'39 0.98059 AU -7755 Dec 15 j 15:45 0° M -7750 Sep 17 j 19:13 $0^{\circ}\Omega$ -7754 Jan 15 j 09:34 0°⊀ -7750 Oct 17 j 03:01 0° m -7754 Feb 15 j 16:14 0°ರ -7750 Nov 15 j 17:55 0∘**⊽** max. Earth dist. -7754 Mar 17 j 04:41 28°る02'19 1.01946 AU -7750 Dec 15 j 21:09 0°M -7754 Mar 19 j 06:20 -7749 Jan 15 j 14:54 0°≈ 0°×7 -7754 Apr 19 j 20:11 0°**)**€ -7749 Feb 15 j 21:26 -7754 May 21 j 02:14 $0^{\circ}\Upsilon$ -7749 Mar 18 j 02:52 28°る42'48 1.01944 AU max. Earth dist. -7754 Jun 20 j 19:16 0° 8 -7749 Mar 19 j 11:25 -7754 Jul 20 j 21:47 $\mathbb{I}^{\circ 0}$ -7749 Apr 20 i 01:13 0°) -7754 Aug 19 j 12:09 0ಂತಾ -7749 May 21 i 07:16 $0^{\circ}\Upsilon$ min. Earth dist. -7754 Sep 17 i 07:54 29°529'37 0.98053 AU -7749 Jun 21 j 00:21 0°8 -7754 Sep 17 j 19:46 $0^{\circ}\Omega$ -7749 Jul 21 i 02:56 $0^{\circ}II$ -7754 Oct 17 j 03:34 0° m -7749 Aug 19 j 17:23 0ംഉ -7749 Sep 18 j 07:57 0°**Ω**17'43 0.98056 AU -7754 Nov 15 j 18:28 0∘ଫ min Earth dist 0°M -7749 Sep 18 j 01:02 -7754 Dec 15 j 21:44 $0^{\circ}\Omega$ -7749 Oct 17 j 08:50 -7753 Jan 15 j 15:32 0°×7 0° m -7753 Feb 15 j 22:10 0°궁 -7749 Nov 15 j 23:42 0∘**⊽** -7753 Mar 19 j 12:15 0°≈ -7749 Dec 16 j 02:55 0°M max. Earth dist. 0°≈09'28 1.01943 AU -7748 Jan 15 j 20:39 0°×7 -7753 Mar 19 j 16:15 0°**)**€ -7748 Feb 16 j 03:14 0°궁 -7753 Apr 20 j 02:07 $0^{\circ}\Upsilon$ -7748 Mar 17 j 17:39 29°る04'02 1.01940 AU -7753 May 21 j 08:09 max. Earth dist. 0°8 -7753 Jun 21 j 01:11 -7748 Mar 18 j 17:17 0°≈ -7753 Jul 21 j 03:42 0°**)**€ Π °0 -7748 Apr 19 j 07:08 $0^{\circ}\Upsilon$ -7753 Aug 19 j 18:05 0ಂತಾ -7748 May 20 j 13:13 min. Earth dist. -7753 Sep 16 j 09:29 28°9516'54 0.98057 AU -7748 Jun 20 j 06:17 0°8 -7753 Sep 18 j 01:43 0° Ω -7748 Jul 20 j 08:50 $0^{\circ}\Pi$ -7753 Oct 17 j 09:30 0° m -7748 Aug 18 j 23:13 0ಂತಾ -7753 Nov 16 j 00:22 0∘**⊽** min. Earth dist. -7748 Sep 15 j 20:22 28°931'43 0.98054 AU $0^{\circ}M$ $0^{\circ}\Omega$ -7753 Dec 16 j 03:33 -7748 Sep 17 j 06:50 0°×7 -7752 Jan 15 j 21:17 -7748 Oct 16 j 14:37 0° M

| • | nomena of Sun from nical year style is used: Th | | • | | | | 17 |
|---|--|-----------------------------|-------------|------------------|--|------------------------------|--------------|
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | -7748 Nov 15 j 05:29 | 0∘ ⊽ | | min. Earth dist. | -7743 Sep 16 j 20:43 | 29° © 20'55 | 0.98050 AU |
| | -7748 Dec 15 j 08:42 | 0° M | | | -7743 Sep 17 j 11:58 | $0^{\circ}\Omega$ | |
| | -7747 Jan 15 j 02:28 | 0° ∡ ¹ | | | -7743 Oct 16 j 19:42 | 0° m | |
| | -7747 Feb 15 j 09:06 | 0°ප | | | -7743 Nov 15 j 10:32 | 0∘ 亚 | |
| | -7747 Mar 18 j 23:10 | 0° ≈ | | | -7743 Dec 15 j 13:43 | 0°M₊ | |
| max. Earth dist. | -7747 Mar 18 j 22:30 | 29° る 58'26 | 1.01948 AU | | -7742 Jan 15 j 07:28 | 0° ∡ ¹ | |
| | -7747 Apr 19 j 13:01 | 0° ∀ | | | -7742 Feb 15 j 14:05 | 0°ප | |
| | -7747 May 20 j 19:06 | 0° Υ | | T 4 T | -7742 Mar 19 j 04:10 | 0° ≈ | 1 010 15 177 |
| | -7747 Jun 20 j 12:08 | 0° B | | max. Earth dist. | -7742 Mar 19 j 13:13 | 0°≈21'28 | 1.01945 AU |
| | -7747 Jul 20 j 14:38 | 0° Ⅱ | | | -7742 Apr 19 j 18:03 | 0° ℋ 0° Ƴ | |
| min. Earth dist. | -7747 Aug 19 j 05:00 | 0°ഇ 29° ഇ 29'20 | 0.00050 ATT | | -7742 May 21 j 00:10 | 0.8 0.1 | |
| iiiii. Eartii dist. | -7747 Sep 17 j 00:38 -7747 Sep 17 j 12:36 | 29 3 29 20 | 0.98059 AU | | -7742 Jun 20 j 17:16 -7742 Jul 20 j 19:51 | 0°I | |
| | -7747 Oct 16 j 20:24 | 0° m) | | | -7742 Aug 19 j 10:17 | 0ಂಣ ೧ H | |
| | -7747 Nov 15 j 11:17 | 0∘ ⊽ | | min. Earth dist. | -7742 Sep 16 j 07:22 | 28°931'28 | 0.98058 AU |
| | -7747 Dec 15 j 14:31 | 0° ™ | | mm. Earth dist. | -7742 Sep 17 j 17:55 | 0° Ω | 0.70020710 |
| | -7746 Jan 15 j 08:17 | 0° ∡ 7 | | | -7742 Oct 17 j 01:41 | 0° m) | |
| | -7746 Feb 15 j 14:52 | 0°రె | | | -7742 Nov 15 j 16:31 | 0∘ <u>⊽</u> | |
| max. Earth dist. | -7746 Mar 17 j 09:27 | 28° ප 16'58 | 1.01945 AU | | -7742 Dec 15 j 19:38 | 0° M . | |
| | -7746 Mar 19 j 04:54 | 0° ≈ | | | -7741 Jan 15 j 13:17 | 0° ∡ ¹ | |
| | -7746 Apr 19 j 18:45 | 0° ∀ | | | -7741 Feb 15 j 19:47 | ರ°0 | |
| | -7746 May 21 j 00:49 | 0° Y | | max. Earth dist. | -7741 Mar 18 j 11:42 | 29° る 07'37 | 1.01947 AU |
| | -7746 Jun 20 j 17:52 | 0° 8 | | | -7741 Mar 19 j 09:47 | 0° ≈ ≈ | |
| | -7746 Jul 20 j 20:23 | Π °0 | | | -7741 Apr 19 j 23:39 | 0° ∀ | |
| | -7746 Aug 19 j 10:45 | 0ಂತಾ | | | -7741 May 21 j 05:47 | 0° Y | |
| | -7746 Sep 17 j 18:22 | 0 $^{\circ}\Omega$ | | | -7741 Jun 20 j 22:56 | 0°8 | |
| min. Earth dist. | -7746 Sep 17 j 12:30 | 29° © 44'57 | 0.98055 AU | | -7741 Jul 21 j 01:34 | Π °0 | |
| | -7746 Oct 17 j 02:11 | 0° m/ | | | -7741 Aug 19 j 16:03 | 0°99 | |
| | -7746 Nov 15 j 17:07 | ია ო 0∘ ত | | i n dita | -7741 Sep 17 j 23:43 | 0°N | 0.00050 411 |
| | -7746 Dec 15 j 20:22 | 0°M 0°. ₹ | | min. Earth dist. | -7741 Sep 18 j 12:15 | 0° Ω 32'04 | 0.98058 AU |
| | -7745 Jan 15 j 14:08 -7745 Feb 15 j 20:43 | 0° ズ 0°る | | | -7741 Oct 17 j 07:31 -7741 Nov 15 j 22:21 | 0 ்⊽ 0 ்மி | |
| max. Earth dist. | -7745 Mar 19 j 11:25 | 0°≈01'34 | 1.01941 AU | | -7741 Nov 13 j 22.21 -7741 Dec 16 j 01:28 | 0° ™ | |
| max. Earth dist. | -7745 Mar 19 j 10:45 | 0° ≈ | 1.01541710 | | -7740 Jan 15 j 19:06 | 0° ⊼ ¹ | |
| | -7745 Apr 20 j 00:37 | 0°) € | | | -7740 Feb 16 j 01:37 | 0°ਰ | |
| | -7745 May 21 j 06:43 | 0° Υ | | max. Earth dist. | -7740 Mar 17 j 12:23 | 28° る 55'26 | 1.01942 AU |
| | -7745 Jun 20 j 23:47 | 0°8 | | | -7740 Mar 18 j 15:38 | 0° ≈ | |
| | -7745 Jul 21 j 02:20 | $\Pi^{\circ}0$ | | | -7740 Apr 19 j 05:33 | 0°) | |
| | -7745 Aug 19 j 16:43 | 0ಂಣ | | | -7740 May 20 j 11:45 | 0° Y | |
| min. Earth dist. | -7745 Sep 16 j 07:41 | 28° © 15'56 | 0.98054 AU | | -7740 Jun 20 j 04:55 | $0^{\circ}S$ | |
| | -7745 Sep 18 j 00:18 | 0 $^{\circ}$ Ω | | | -7740 Jul 20 j 07:31 | Π °0 | |
| | -7745 Oct 17 j 08:03 | 0° m) | | | -7740 Aug 18 j 21:56 | 0 \circ | |
| | -7745 Nov 15 j 22:53 | 0∘ ⊽ | | min. Earth dist. | -7740 Sep 16 j 01:58 | 28° 5 49'19 | 0.98053 AU |
| | -7745 Dec 16 j 02:04 | 0° M 0°. ⊼ | | | -7740 Sep 17 j 05:33 | 0° N | |
| | -7744 Jan 15 j 19:48 | 0° ∡ ¹ | | | -7740 Oct 16 j 13:20 | 0° m) | |
| Fauth 4:-4 | -7744 Feb 16 j 02:22 | 0°る | 1 01040 ATT | | -7740 Nov 15 j 04:11 | ი∘ ო 0∘ ত | |
| max. Earth dist. | -7744 Mar 18 j 07:35 -7744 Mar 18 j 16:24 | 29° る 39'06 0°≈ | 1.01949 AU | | -7740 Dec 15 j 07:21 -7739 Jan 15 j 01:02 | 0° ™ 0° <i>≯</i> 7 | |
| | -7744 Mai 18 j 10.24 -7744 Apr 19 j 06:17 | 0° ∺ | | | -7739 Feb 15 j 07:35 | 0° ਠ | |
| | -7744 May 20 j 12:26 | 0° Υ | | | -7739 Mar 18 j 21:37 | 0° ≈ | |
| | -7744 Jun 20 j 05:35 | 0°8 | | max. Earth dist. | -7739 Mar 19 j 07:11 | 0°≈22'42 | 1.01947 AU |
| | -7744 Jul 20 j 08:10 | 0°II | | | -7739 Apr 19 j 11:30 | 0° ∀ | |
| | -7744 Aug 18 j 22:33 | 0°@ | | | -7739 May 20 j 17:40 | 0° Υ | |
| | -7744 Sep 17 j 06:07 | $0^{\circ}\Omega$ | | | -7739 Jun 20 j 10:49 | 0°B | |
| min. Earth dist. | -7744 Sep 17 j 13:27 | 0° Ω 18'49 | 0.98054 AU | | -7739 Jul 20 j 13:25 | $\Pi^{\circ}0$ | |
| | -7744 Oct 16 j 13:50 | 0° m | | | -7739 Aug 19 j 03:50 | 0ಂಣ | |
| | -7744 Nov 15 j 04:38 | 0∘ 亚 | | min. Earth dist. | -7739 Sep 16 j 14:37 | 29° © 06'37 | 0.98058 AU |
| | -7744 Dec 15 j 07:48 | 0° M. | | | -7739 Sep 17 j 11:26 | 0 ° Ω | |
| | -7743 Jan 15 j 01:32 | 0° ∡ | | | -7739 Oct 16 j 19:12 | 0° m) | |
| | -7743 Feb 15 j 08:08 | 0°る | | | -7739 Nov 15 j 10:03 | 0° ™ | |
| max. Earth dist. | -7743 Mar 17 j 02:03 | 28° る 15'20 | 1.01946 AU | | -7739 Dec 15 j 13:15 | 0° M ○○ T | |
| | -7743 Mar 18 j 22:13 | 0° ≈ | | | -7738 Jan 15 j 06:57 | 0° ∡ ¹ | |
| | -7743 Apr 19 j 12:08 | 0° ℋ 0° Ƴ | | may Earth 1:-4 | -7738 Feb 15 j 13:28 | 0°る 20° ス 27'02 | 1 01044 411 |
| | -7743 May 20 j 18:16 -7743 Jun 20 j 11:24 | 0°8 | | max. Earth dist. | -7738 Mar 17 j 16:28 -7738 Mar 19 j 03:27 | 28° る 37'03 0°≈ | 1.01944 AU |
| | -7743 Jul 20 j 11:24 -7743 Jul 20 j 14:00 | 0°U | | | -7738 Apr 19 j 17:17 | 0° ∺ | |
| | | | | | | | |
| | -7743 Aug 19 j 04:23 | 0 \circ \odot | | | -7738 May 20 j 23:24 | 0 $^{\circ}$ \mathbf{Y} | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 18 Attention, astronomical year style is used: The year -7738 in astronomical counting style is the year 7739 BCE in historical counting style. -7738 Jun 20 j 16:33 0°8 -7733 Mar 19 j 08:37 0°≈ -7738 Jul 20 j 19:11 -7733 Apr 19 j 22:30 0°**₩** $0^{\circ}\Pi$ -7738 Aug 19 j 09:39 0ಂತಾ $0^{\circ}\Upsilon$ -7733 May 21 j 04:41 -7738 Sep 17 j 17:17 $0^{\circ}\Omega$ -7733 Jun 20 j 21:54 0°8 -7733 Jul 21 j 00:34 min. Earth dist. -7738 Sep 17 j 21:08 0°**Ω**09'53 0.98054 AU $0^{\circ}\Pi$ 0° M -7738 Oct 17 j 01:04 -7733 Aug 19 j 15:02 0°9 -7738 Nov 15 j 15:55 0∘**⊽** -7733 Sep 17 j 22:40 $0^{\circ}\Omega$ -7738 Dec 15 j 19:07 $0^{\circ}M$ min. Earth dist. -7733 Sep 18 j 12:29 0°**Ω**35'27 0.98055 AU -7737 Jan 15 j 12:49 0°**∡**¹ -7733 Oct 17 j 06:24 0° m -7737 Feb 15 j 19:22 0°궁 -7733 Nov 15 j 21:11 0∘**⊽** max. Earth dist. -7737 Mar 19 j 01:26 29°る41'11 1.01939 AU -7733 Dec 16 j 00:17 0°M -7737 Mar 19 j 09:23 0°≈ -7732 Jan 15 j 17:54 0°**∡**7 -7737 Apr 19 j 23:14 0°**)**€ -7732 Feb 16 j 00:23 0°ಕ -7737 May 21 j 05:21 $0^{\circ}\Upsilon$ max. Earth dist. -7732 Mar 17 j 05:39 28°る42'24 1.01943 AU -7737 Jun 20 j 22:30 0° 8 -7732 Mar 18 j 14:24 0°≈ -7737 Jul 21 j 01:08 $0^{\circ}II$ -7732 Apr 19 j 04:20 0°**)**€ -7737 Aug 19 j 15:37 0ಂತಾ -7732 May 20 j 10:35 $0^{\circ}\Upsilon$ min. Earth dist. -7737 Sep 16 j 13:46 28°534'13 0.98054 AU -7732 Jun 20 j 03:50 0°8 -7737 Sep 17 j 23:15 0 $^{\circ}\Omega$ -7732 Jul 20 j 06:30 $0^{\circ}\Pi$ -7737 Oct 17 j 07:00 0° m -7732 Aug 18 j 20:57 0ಂತಾ -7737 Nov 15 j 21:48 0∘**⊽** min. Earth dist. -7732 Sep 16 j 10:37 29°514'07 0.98049 AU -7737 Dec 16 i 00:55 0°M -7732 Sep 17 i 04:32 $0^{\circ}\Omega$ -7736 Jan 15 i 18:35 0°×7 -7732 Oct 16 j 12:14 0° m -7736 Feb 16 j 01:07 0°정 -7732 Nov 15 i 02:59 0∘**⊽** -7736 Mar 18 j 15:09 -7732 Dec 15 j 06:05 0°M 0°≈ 29°る58'35 1.01948 AU -7731 Jan 14 j 23:44 max. Earth dist. -7736 Mar 18 j 14:33 0°×7 -7731 Feb 15 j 06:17 -7736 Apr 19 j 05:02 0°**∀** 0°중 -7736 May 20 j 11:11 $0^{\circ}\Upsilon$ -7731 Mar 18 j 20:21 0°≈≈ -7736 Jun 20 j 04:21 0° 8 max Earth dist -7731 Mar 19 j 10:38 0°≈33'52 1.01947 AU -7731 Apr 19 j 10:16 -7736 Jul 20 j 07:00 $0^{\circ}\Pi$ 0°)($0^{\circ}\Upsilon$ -7736 Aug 18 j 21:27 0°9 -7731 May 20 j 16:28 0°**Ω**13'00 0.98058 AU min. Earth dist. -7736 Sep 17 j 10:10 -7731 Jun 20 j 09:42 0°8 -7736 Sep 17 j 05:05 0 $^{\circ}\Omega$ -7731 Jul 20 j 12:23 Π $^{\circ}0$ -7731 Aug 19 j 02:51 -7736 Oct 16 j 12:51 0° M 0ಂತಾ -7736 Nov 15 j 03:38 0∘**⊽** min. Earth dist. -7731 Sep 16 j 10:27 28°958'28 0.98056 AU -7736 Dec 15 j 06:44 0° M -7731 Sep 17 j 10:27 0 $^{\circ}\Omega$ -7735 Jan 15 j 00:22 0°**∡** -7731 Oct 16 j 18:10 0° m -7735 Feb 15 j 06:55 0°궁 -7731 Nov 15 j 08:55 0∘**⊽** max. Earth dist. -7735 Mar 17 j 02:51 28°る20'08 1.01947 AU -7731 Dec 15 j 11:59 0°M -7735 Mar 18 j 21:00 0°**≈** -7730 Jan 15 j 05:36 0°**⊼** -7735 Apr 19 j 10:55 0°**)**€ -7730 Feb 15 j 12:05 0°정 -7735 May 20 j 17:05 $0^{\circ}\Upsilon$ -7730 Mar 17 j 23:25 28°る56'46 1.01947 AU max. Earth dist. -7735 Jun 20 j 10:14 0° 8 -7730 Mar 19 j 02:05 -7735 Jul 20 j 12:50 -7730 Apr 19 j 15:57 $0^{\circ}\Pi$ $0^{\circ}\Upsilon$ -7735 Aug 19 j 03:15 -7730 May 20 j 22:07 min. Earth dist. -7735 Sep 17 i 03:33 29°541'15 0.98053 AU -7730 Jun 20 j 15:19 0°8 -7735 Sep 17 i 10:52 $0^{\circ}\Omega$ -7730 Jul 20 j 18:02 $0^{\circ}II$ -7735 Oct 16 j 18:39 0° m -7730 Aug 19 i 08:33 0ಂತಾ -7735 Nov 15 i 09:29 0∘**⊽** -7730 Sep 17 j 16:14 $0^{\circ}\Omega$ -7735 Dec 15 j 12:38 0°M -7730 Sep 18 j 05:03 0°Ω32'50 0.98056 AU min. Earth dist. 0°×7 -7730 Oct 17 j 00:00 -7734 Jan 15 j 06:20 O° m 0°궁 -7734 Feb 15 j 12:53 -7730 Nov 15 j 14:47 0∘Ω -7734 Mar 19 j 02:58 0°≈≈ -7730 Dec 15 j 17:50 o°m. max. Earth dist. -7734 Mar 19 j 12:35 0°≈22'49 1.01944 AU -7729 Jan 15 j 11:25 0°×7 -7734 Apr 19 j 16:53 0°**)**€ -7729 Feb 15 j 17:54 0°궁 $0^{\circ}\Upsilon$ -7734 May 20 j 23:03 max. Earth dist. -7729 Mar 18 j 17:11 29°る25'07 1.01940 AU -7734 Jun 20 j 16:11 0°8 -7729 Mar 19 j 07:54 0°≈ -7734 Jul 20 j 18:47 0°**)**€ Π °0 -7729 Apr 19 j 21:49 $0^{\circ}\Upsilon$ -7734 Aug 19 j 09:12 0ಂತಾ -7729 May 21 j 04:01 28°519'52 0.98057 AU min. Earth dist. -7734 Sep 16 j 01:45 -7729 Jun 20 j 21:14 0°8 -7729 Jul 20 j 23:56 -7734 Sep 17 j 16:50 0 $^{\circ}\Omega$ Π °0 -7734 Oct 17 j 00:36 0° m -7729 Aug 19 j 14:28 0ಂತಾ -7734 Nov 15 j 15:26 0∘**⊽** min. Earth dist. -7729 Sep 16 j 19:36 28°952'01 0.98055 AU -7734 Dec 15 j 18:33 $0^{\circ}M$ -7729 Sep 17 j 22:08 0 \circ Ω -7733 Jan 15 j 12:10 0°**∡** -7729 Oct 17 j 05:53 0° m 0°る 0∘**ত** -7733 Feb 15 j 18:38 -7729 Nov 15 j 20:38

-7733 Mar 18 j 20:57

max. Earth dist.

29°る32'22 1.01947 AU

0°M

-7729 Dec 15 j 23:40

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -7728 in astronomical counting style is the year 7729 BCE in historical counting style. -7728 Jan 15 j 17:12 0°**∡**¹ -7724 Oct 16 j 10:53 0° m -7728 Feb 15 j 23:38 0°궁 -7724 Nov 15 j 01:38 0∘Ω -7728 Mar 18 j 13:38 0°≈≈ -7724 Dec 15 j 04:41 o°m. -7728 Mar 19 j 00:40 0°≈26'11 1.01948 AU -7723 Jan 14 j 22:17 0°**∡**7 max. Earth dist. -7728 Apr 19 j 03:33 0°**)** -7723 Feb 15 j 04:47 0°궁 $0^{\circ}\Upsilon$ -7728 May 20 j 09:47 -7723 Mar 18 j 18:50 0°≈ -7728 Jun 20 j 03:03 0°8 max. Earth dist. -7723 Mar 19 j 11:56 0°≈40'31 1.01946 AU -7728 Jul 20 j 05:45 $0^{\circ}\Pi$ -7723 Apr 19 j 08:47 0°**∀** $0^{\circ}\Upsilon$ -7728 Aug 18 j 20:15 0ಂತಾ -7723 May 20 j 15:00 min. Earth dist. -7728 Sep 17 j 02:11 29°555'37 0.98059 AU -7723 Jun 20 j 08:14 0°8 -7728 Sep 17 j 03:54 0° Ω -7723 Jul 20 j 10:54 $0^{\circ}\Pi$ -7728 Oct 16 j 11:39 0° M -7723 Aug 19 j 01:23 0ಂತಾ -7728 Nov 15 j 02:25 0∘**⊽** min. Earth dist. -7723 Sep 16 j 00:43 28°537'12 0.98057 AU -7728 Dec 15 j 05:27 0° M -7723 Sep 17 j 09:01 $0^{\circ}\Omega$ -7727 Jan 14 j 23:01 0°**√** -7723 Oct 16 j 16:46 -7727 Feb 15 j 05:27 0°ರ -7723 Nov 15 j 07:32 0∘**⊽** max. Earth dist. -7727 Mar 17 j 09:02 28°る38'26 1.01945 AU -7723 Dec 15 j 10:36 $0^{\circ}M$ -7727 Mar 18 j 19:26 0°≈ -7722 Jan 15 j 04:10 0°×7 -7727 Apr 19 j 09:21 0°**∀** -7722 Feb 15 j 10:37 -7727 May 20 j 15:34 $0^{\circ}\Upsilon$ max. Earth dist. -7722 Mar 18 j 07:19 29°る19'02 1.01947 AU -7727 Jun 20 j 08:49 0°8 -7722 Mar 19 j 00:36 0°≈ -7727 Jul 20 j 11:31 Π °0 -7722 Apr 19 j 14:29 0°) -7727 Aug 19 j 02:00 0ಂತಾ -7722 May 20 j 20:42 $0^{\circ}\Upsilon$ min. Earth dist. -7727 Sep 17 j 11:51 0°Ω05'40 0.98053 AU -7722 Jun 20 j 13:56 0°8 -7727 Sep 17 j 09:38 $0^{\circ}\Omega$ -7722 Jul 20 j 16:38 $0^{\circ}\Pi$ -7727 Oct 16 j 17:23 0° m -7722 Aug 19 j 07:08 0ംഉ -7722 Sep 17 j 14:47 -7727 Nov 15 j 08:11 0∘ഹ $0^{\circ}\Omega$ -7727 Dec 15 j 11:18 $0^{\circ}M$ min. Earth dist. -7722 Sep 18 j 05:34 0°**Ω**37'52 0.98056 AU -7726 Jan 15 j 04:56 0°×7 -7722 Oct 16 j 22:33 0° m 0°궁 -7726 Feb 15 j 11:25 -7722 Nov 15 j 13:20 0∘ಹ max. Earth dist. -7726 Mar 19 j 08:21 0°≈16'29 1.01940 AU -7722 Dec 15 j 16:23 0°M -7726 Mar 19 j 01:24 0°≈ -7721 Jan 15 j 09:58 0°×7 -7726 Apr 19 j 15:17 0°**)** -7721 Feb 15 j 16:25 ೧ºಕ -7726 May 20 j 21:29 $0^{\circ}\Upsilon$ -7721 Mar 18 j 06:45 max. Earth dist. 29°る03'56 1.01942 AU 0°8 -7726 Jun 20 j 14:42 -7721 Mar 19 j 06:25 0°≈ 0°**)**€ -7726 Jul 20 j 17:25 Π °0 -7721 Apr 19 j 20:21 -7726 Aug 19 j 07:56 0ಂತಾ -7721 May 21 j 02:37 $0^{\circ}\Upsilon$ min. Earth dist. -7726 Sep 16 j 05:00 28°531'23 0.98058 AU -7721 Jun 20 j 19:55 0°8 -7726 Sep 17 j 15:35 $0^{\circ}\Omega$ -7721 Jul 20 j 22:40 $0^{\circ}\Pi$ -7726 Oct 16 j 23:21 0° m -7721 Aug 19 j 13:10 0ಂತಾ -7726 Nov 15 j 14:07 0∘**⊽** min. Earth dist. -7721 Sep 17 j 00:01 29°506'49 0.98050 AU -7726 Dec 15 j 17:11 $0^{\circ}M$ -7721 Sep 17 j 20:47 0° Ω -7721 Oct 17 j 04:28 -7725 Jan 15 j 10:44 0°×7 0° m 0°る -7725 Feb 15 j 17:09 -7721 Nov 15 j 19:09 29°る54'25 1.01944 AU -7721 Dec 15 j 22:10 max. Earth dist. -7725 Mar 19 j 04:44 -7725 Mar 19 i 07:05 0°≈ -7720 Jan 15 j 15:43 0°×7 -7725 Apr 19 j 20:55 0°**)**€ -7720 Feb 15 i 22:10 0°궁 0°≈ -7725 May 21 j 03:06 $0^{\circ}\Upsilon$ -7720 Mar 18 j 12:11 -7725 Jun 20 j 20:21 0°8 max. Earth dist. -7720 Mar 19 i 05:50 0°≈41'51 1.01949 AU -7725 Jul 20 j 23:06 $0^{\circ}II$ -7720 Apr 19 j 02:08 0°\ 0ಂತಾ $0^{\circ}\Upsilon$ -7725 Aug 19 j 13:40 -7720 May 20 j 08:27 0°8 -7720 Jun 20 j 01:47 -7725 Sep 17 j 21:22 $\Omega^{\circ}\Omega$ 0°**Ω**41'19 0.98060 AU -7720 Jul 20 j 04:34 min Earth dist -7725 Sep 18 j 13:29 $0^{\circ}\Pi$ -7725 Oct 17 j 05:08 0° m -7720 Aug 18 j 19:05 0°9 -7725 Nov 15 j 19:53 0∘ଫ min. Earth dist. -7720 Sep 16 j 18:49 29°539'48 0.98054 AU 0°M -7720 Sep 17 j 02:42 0° Ω -7725 Dec 15 j 22:54 0°**∡** 0° m -7724 Jan 15 j 16:27 -7720 Oct 16 j 10:21 0°궁 -7724 Feb 15 j 22:53 -7720 Nov 15 j 01:01 0∘ଫ 28°る34'38 1.01942 AU 0°M max. Earth dist. -7724 Mar 17 j 00:51 -7720 Dec 15 j 03:59 -7724 Mar 18 j 12:52 0°≈ -7719 Jan 14 j 21:31 0°**⊼** -7724 Apr 19 j 02:47 0°**₩** -7719 Feb 15 j 03:58 0°궁 $0^{\circ}\Upsilon$ -7724 May 20 j 09:01 max. Earth dist. -7719 Mar 17 j 13:36 28°る52'42 1.01949 AU -7724 Jun 20 j 02:16 0°8 -7719 Mar 18 j 17:59 -7724 Jul 20 j 04:59 $0^{\circ}II$ -7719 Apr 19 j 07:57 0°**)**€ -7724 Aug 18 j 19:29 0ಂತಾ -7719 May 20 j 14:14 $0^{\circ}\Upsilon$ 29°537'00 0.98053 AU 0°8 min. Earth dist. -7724 Sep 16 j 18:10 -7719 Jun 20 j 07:33

-7719 Jul 20 j 10:21

 $\Pi^{\circ}0$

 $0^{\circ}\Omega$

-7724 Sep 17 j 03:09

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 20 Attention, astronomical year style is used: The year -7719 in astronomical counting style is the year 7720 BCE in historical counting style. -7719 Aug 19 j 00:54 0ಂತಾ -7714 May 20 j 19:26 $0^{\circ}\Upsilon$ -7719 Sep 17 j 08:32 -7714 Jun 20 j 12:45 $0^{\circ}\Omega$ 0°X -7719 Sep 17 j 21:30 -7714 Jul 20 j 15:34 $\Pi^{\circ}0$ 0°**Ω**33'13 0.98051 AU min Farth dist -7719 Oct 16 j 16:14 0° mb -7714 Aug 19 j 06:10 0ംഉ -7719 Nov 15 j 06:55 0∘ଫ -7714 Sep 17 j 13:53 0 \circ Ω -7719 Dec 15 j 09:55 $0^{\circ}M$ min. Earth dist. -7714 Sep 18 j 10:59 0°**Ω**54'03 0.98059 AU -7718 Jan 15 j 03:27 0°⊀ -7714 Oct 16 j 21:39 0° m -7718 Feb 15 j 09:55 0°궁 -7714 Nov 15 j 12:23 0∘ಹ -7718 Mar 18 j 23:57 0°≈ -7714 Dec 15 j 15:23 0°M max. Earth dist. -7718 Mar 19 j 00:59 0°≈02'27 1.01943 AU -7713 Jan 15 j 08:53 0°×7 -7718 Apr 19 j 13:55 0°**)**€ -7713 Feb 15 j 15:16 0°ಕ $0^{\circ}\Upsilon$ -7718 May 20 j 20:11 max. Earth dist. -7713 Mar 17 j 22:38 28°る47'34 1.01938 AU -7718 Jun 20 j 13:30 0°8 -7713 Mar 19 j 05:12 0°≈ -7718 Jul 20 j 16:17 $0^{\circ}II$ -7713 Apr 19 j 19:05 0°**)**€ -7718 Aug 19 j 06:52 0ಂತಾ -7713 May 21 j 01:20 $0^{\circ}\Upsilon$ min. Earth dist. -7718 Sep 16 j 10:36 28°548'22 0.98057 AU -7713 Jun 20 j 18:40 0°8 -7718 Sep 17 j 14:34 $0^{\circ}\Omega$ -7713 Jul 20 j 21:29 $0^{\circ}\Pi$ -7718 Oct 16 j 22:18 0° M -7713 Aug 19 j 12:06 0ಂತಾ -7718 Nov 15 j 13:00 0∘**⊽** min. Earth dist. -7713 Sep 17 j 09:35 29°533'51 0.98054 AU -7718 Dec 15 j 15:56 $0^{\circ}M$ -7713 Sep 17 j 19:48 $0^{\circ}\Omega$ -7717 Jan 15 j 09:22 0° **₹** -7713 Oct 17 j 03:31 0° m -7717 Feb 15 i 15:43 0°정 -7713 Nov 15 j 18:11 0∘**⊽** -7717 Mar 19 i 05:40 -7713 Dec 15 i 21:08 0°M 0°≈ max. Earth dist. -7717 Mar 19 i 15:41 0°≈23'47 1.01946 AU -7712 Jan 15 j 14:37 0°×7 -7717 Apr 19 j 19:35 0°**)**€ -7712 Feb 15 j 21:01 0°궁 -7717 May 21 j 01:52 $0^{\circ}\Upsilon$ -7712 Mar 18 j 11:00 0°≈≈ -7717 Jun 20 j 19:13 9° max Earth dist -7712 Mar 19 j 08:49 0°≈51'43 1.01946 AU -7717 Jul 20 j 22:02 0°П -7712 Apr 19 j 00:57 0° H -7717 Aug 19 j 12:39 000 -7712 May 20 j 07:13 $0^{\circ}\Upsilon$ -7717 Sep 17 j 20:23 0° Ω -7712 Jun 20 j 00:33 0°8 -7717 Sep 18 j 10:29 0°**Ω**36'07 0.98061 AU -7712 Jul 20 j 03:22 $0^{\circ}\Pi$ min. Earth dist. -7717 Oct 17 j 04:09 -7712 Aug 18 j 17:56 0° m 0ಂಲ -7717 Nov 15 j 18:52 0∘ଫ -7712 Sep 16 j 08:00 29°514'48 0.98059 AU min. Earth dist. $0^{\circ}M$ -7717 Dec 15 j 21:47 -7712 Sep 17 j 01:37 0 $^{\circ}\Omega$ -7716 Jan 15 j 15:13 0° **₹** -7712 Oct 16 j 09:21 0° m -7716 Feb 15 j 21:32 0°궁 -7712 Nov 15 j 00:01 0∘ଫ max. Earth dist. -7716 Mar 17 j 05:49 28°る49'41 1.01943 AU -7712 Dec 15 j 02:57 0°M -7716 Mar 18 j 11:29 0°≈ -7711 Jan 14 j 20:25 0°**⊼** -7716 Apr 19 j 01:26 0°**)**€ -7711 Feb 15 j 02:48 0°정 -7716 May 20 j 07:46 $0^{\circ}\Upsilon$ max. Earth dist. -7711 Mar 17 j 19:59 29°る10'40 1.01949 AU -7716 Jun 20 j 01:08 0° 8 -7711 Mar 18 j 16:48 0°≈ -7716 Jul 20 j 03:57 -7711 Apr 19 j 06:45 $0^{\circ}\Pi$ -7711 May 20 j 13:01 $0^{\circ}\Upsilon$ -7716 Aug 18 j 18:30 0° **Ω**01'54 0.98054 AU -7711 Jun 20 j 06:19 min. Earth dist. -7716 Sep 17 j 02:55 0°8 -7711 Jul 20 j 09:05 -7716 Sep 17 j 02:11 $0^{\circ}\Omega$ $0^{\circ}\Pi$ -7716 Oct 16 i 09:55 0° m -7711 Aug 18 j 23:38 0ಂತ -7716 Nov 15 i 00:38 0∘**⊽** -7711 Sep 17 i 07:18 $0^{\circ}\Omega$ -7716 Dec 15 i 03:38 0°M min. Earth dist. -7711 Sep 17 j 23:39 0°Ω41'53 0.98055 AU -7715 Jan 14 j 21:08 0°**∡**¹ -7711 Oct 16 j 15:02 0° m -7715 Feb 15 j 03:32 0°궁 -7711 Nov 15 j 05:45 0∘Ω -7711 Dec 15 j 08:45 -7715 Mar 18 j 17:31 0°≈≈ oom. 0°≈49'32 1.01942 AU max Earth dist -7715 Mar 19 j 14:25 -7710 Jan 15 j 02:15 0°×7 0°**₩** -7715 Apr 19 j 07:27 -7710 Feb 15 j 08:40 0°정 $0^{\circ}\Upsilon$ -7715 May 20 j 13:45 -7710 Mar 18 j 22:40 0°22 -7715 Jun 20 j 07:06 0°8 max. Earth dist. -7710 Mar 18 j 14:23 29°る40'21 1.01942 AU -7715 Jul 20 j 09:54 Π °0 -7710 Apr 19 j 12:39 0°**)**€ 0ಂತಾ 0° -7715 Aug 19 j 00:27 -7710 May 20 j 18:57 28°939'18 0.98057 AU -7710 Jun 20 j 12:16 min. Earth dist. -7715 Sep 16 j 00:38 0° 8 -7710 Jul 20 j 15:03 -7715 Sep 17 j 08:07 0 $^{\circ}\Omega$ $0^{\circ}\Pi$ -7715 Oct 16 j 15:51 0° m -7710 Aug 19 j 05:35 0ಂತಾ -7715 Nov 15 j 06:35 0∘**⊽** min. Earth dist. -7710 Sep 16 j 11:47 28°954'45 0.98054 AU -7715 Dec 15 j 09:35 0°M -7710 Sep 17 j 13:15 0° Ω -7714 Jan 15 j 03:06 0°**∡** -7710 Oct 16 j 20:59 0° m -7714 Feb 15 j 09:28 0°궁 -7710 Nov 15 j 11:40 0∘**⊽** -7714 Mar 18 j 23:22 0°≈ -7710 Dec 15 j 14:37 0°M 29°る43'19 1.01943 AU -7709 Jan 15 j 08:03 0°**∡**7 max. Earth dist. -7714 Mar 18 j 16:20

-7714 Apr 19 j 13:12

0°**)**€

0°정

-7709 Feb 15 j 14:24

| 3 | | | • | // | | , , | <i>L</i> 1 |
|---------------------|----------------------|---------------------------|--------------------|--------------------------|-----------------------------|---|------------|
| Attention, astronom | | - | n astronomicai cot | inting style is the year | r 7710 BCE in historical co | | |
| P. 4. P. | -7709 Mar 19 j 04:20 | 0° ≈ | 1 01016 177 | | -7705 Dec 15 j 19:37 | 0°M | |
| max. Earth dist. | -7709 Mar 19 j 22:33 | | 1.01946 AU | | -7704 Jan 15 j 12:59 | 0° ∡ 7 | |
| | -7709 Apr 19 j 18:16 | 0° ∀ | | | -7704 Feb 15 j 19:18 | 0°る | |
| | -7709 May 21 j 00:35 | 0°Υ | | | -7704 Mar 18 j 09:16 | 0° ≈ | |
| | -7709 Jun 20 j 17:59 | 9° 8 | | max. Earth dist. | -7704 Mar 19 j 15:45 | 1°≈12'17 | 1.01946 AU |
| | -7709 Jul 20 j 20:50 | Π $\circ 0$ | | | -7704 Apr 18 j 23:16 | 0°) € | |
| | -7709 Aug 19 j 11:25 | 0 \circ \odot | | | -7704 May 20 j 05:40 | 0 ° Υ | |
| | -7709 Sep 17 j 19:05 | 0 ° Ω | | | -7704 Jun 19 j 23:08 | $_{0\circ}$ 8 | |
| min. Earth dist. | -7709 Sep 18 j 01:29 | 0° Ω 16′25 | 0.98057 AU | | -7704 Jul 20 j 02:02 | $\Pi^{\circ}0$ | |
| | -7709 Oct 17 j 02:46 | 0° m p | | | -7704 Aug 18 j 16:40 | 0°€ | |
| | -7709 Nov 15 j 17:25 | 0∘ ⊽ | | min. Earth dist. | -7704 Sep 16 j 02:31 | 29° © 04'03 | 0.98057 AU |
| | -7709 Dec 15 j 20:20 | 0° M . | | | -7704 Sep 17 j 00:21 | $0^{\circ}\Omega$ | |
| | -7708 Jan 15 j 13:45 | 0° ∡ 7 | | | -7704 Oct 16 j 08:02 | 0° my | |
| | -7708 Feb 15 j 20:05 | 0∘ਤ | | | -7704 Nov 14 j 22:40 | 0° ت | |
| max. Earth dist. | -7708 Mar 17 j 06:54 | 28° ろ 55'39 | 1.01946 AU | | | 0° m | |
| max. Earm dist. | - | | 1.01940 AU | | -7704 Dec 15 j 01:31 | | |
| | -7708 Mar 18 j 10:02 | 0° ≈ | | | -7703 Jan 14 j 18:54 | 0° ⊼ | |
| | -7708 Apr 19 j 00:01 | 0° ∀ | | | -7703 Feb 15 j 01:12 | 0°る | |
| | -7708 May 20 j 06:23 | 0 ° $\mathbf{\gamma}$ | | max. Earth dist. | -7703 Mar 18 j 06:25 | 29° る 39'23 | 1.01947 AU |
| | -7708 Jun 19 j 23:49 | $_{0\circ}$ 8 | | | -7703 Mar 18 j 15:07 | 0° ≈ | |
| | -7708 Jul 20 j 02:40 | Π $\circ 0$ | | | -7703 Apr 19 j 05:04 | 0° ∀ | |
| | -7708 Aug 18 j 17:15 | 0 \circ \odot | | | -7703 May 20 j 11:25 | 0° Y | |
| | -7708 Sep 17 j 00:52 | $0^{\circ}\Omega$ | | | -7703 Jun 20 j 04:51 | 9° 8 | |
| min. Earth dist. | -7708 Sep 17 j 12:10 | 0° Ω 28'57 | 0.98049 AU | | -7703 Jul 20 j 07:45 | Π° | |
| | -7708 Oct 16 j 08:30 | 0° m) | | | -7703 Aug 18 j 22:23 | 0°95 | |
| | -7708 Nov 14 j 23:07 | 0∘ ⊽ | | | -7703 Sep 17 j 06:04 | 0°N | |
| | -7708 Dec 15 j 02:02 | 0° M ₊ | | min. Earth dist. | -7703 Sep 18 j 06:01 | 1° Ω 01'21 | 0.98055 AU |
| | -7707 Jan 14 j 19:31 | | | IIIII. Darui uist. | 1 2 | | 0.98033 AU |
| | - | 0° ∡ | | | -7703 Oct 16 j 13:46 | 0° m | |
| | -7707 Feb 15 j 01:56 | 5°0 | | | -7703 Nov 15 j 04:25 | 0∘ ⊽ | |
| | -7707 Mar 18 j 15:57 | 0° ≈ | | | -7703 Dec 15 j 07:20 | 0° ™ | |
| max. Earth dist. | -7707 Mar 19 j 07:44 | 0°≈37'24 | 1.01945 AU | | -7702 Jan 15 j 00:46 | 0° ∡ | |
| | -7707 Apr 19 j 05:57 | 0° ∀ | | | -7702 Feb 15 j 07:06 | 0°ප | |
| | -7707 May 20 j 12:18 | 0 ° $\mathbf{\Upsilon}$ | | max. Earth dist. | -7702 Mar 18 j 05:16 | 29° ろ 22'36 | 1.01940 AU |
| | -7707 Jun 20 j 05:43 | 9° 8 | | | -7702 Mar 18 j 21:03 | 0° ≈ | |
| | -7707 Jul 20 j 08:35 | $\Pi^{\circ}0$ | | | -7702 Apr 19 j 11:00 | 0°) € | |
| | -7707 Aug 18 j 23:11 | 0°ಅ | | | -7702 May 20 j 17:21 | 0° Y | |
| min. Earth dist. | -7707 Sep 16 j 03:48 | 28°950'43 | 0.98054 AU | | -7702 Jun 20 j 10:47 | 0°8 | |
| | -7707 Sep 17 j 06:50 | $0^{\circ}\Omega$ | | | -7702 Jul 20 j 13:42 | 0°II | |
| | -7707 Oct 16 j 14:30 | 0° m/p | | | -7702 Aug 19 j 04:22 | 0 . ದ | |
| | -7707 Nov 15 j 05:07 | 0∘ ಹ | | min. Earth dist. | -7702 Sep 16 j 21:58 | 29° 5 23'50 | 0.98055 AU |
| | -7707 Dec 15 j 08:00 | 0°M | | iiiii. Laitii uist. | -7702 Sep 10 j 21:38 | 0° Ω | 0.98033 AU |
| | v | | | | | | |
| | -7706 Jan 15 j 01:26 | 0° ∡ | | | -7702 Oct 16 j 19:48 | 0° m | |
| | -7706 Feb 15 j 07:47 | 5°0 | | | -7702 Nov 15 j 10:25 | 0° ™ | |
| | -7706 Mar 18 j 21:44 | 0° ≈ | | | -7702 Dec 15 j 13:17 | 0° ™ | |
| max. Earth dist. | -7706 Mar 19 j 01:32 | 0°≈09'01 | 1.01947 AU | | -7701 Jan 15 j 06:39 | 0° ∡ | |
| | -7706 Apr 19 j 11:39 | 0° ∀ | | | -7701 Feb 15 j 12:57 | 0° る | |
| | -7706 May 20 j 17:57 | 0 ° $\mathbf{\gamma}$ | | | -7701 Mar 19 j 02:51 | 0° ≈ | |
| | -7706 Jun 20 j 11:20 | $_{0\circ}$ 8 | | max. Earth dist. | -7701 Mar 20 j 04:02 | 0° ≈ 59'44 | 1.01943 AU |
| | -7706 Jul 20 j 14:13 | Π $\circ 0$ | | | -7701 Apr 19 j 16:45 | 0° ∀ | |
| | -7706 Aug 19 j 04:52 | 0°ಅ | | | -7701 May 20 j 23:06 | 0° Y | |
| | -7706 Sep 17 j 12:36 | $0^{\circ}\Omega$ | | | -7701 Jun 20 j 16:33 | 0°8 | |
| min. Earth dist. | -7706 Sep 18 j 12:26 | 1° Ω 01′06 | 0.98059 AU | | -7701 Jul 20 j 19:30 | Π $^{\circ}0$ | |
| | -7706 Oct 16 j 20:19 | 0° m) | | | -7701 Aug 19 j 10:12 | 0∘ © | |
| | -7706 Nov 15 j 10:58 | 0∘ <u>⊽</u> | | | -7701 Sep 17 j 17:58 | 0°N | |
| | -7706 Dec 15 j 13:50 | 0° M | | min. Earth dist. | -7701 Sep 17 j 20:41 | 0° Ω 06'59 | 0.98061 AU |
| | -7705 Jan 15 j 07:13 | 0° ∡ ¹ | | mm. Darm dist. | -7701 Oct 17 j 01:41 | 0° m) | 0.90001710 |
| | -7705 Feb 15 j 13:31 | 0°ਤ ਹ × | | | -7701 Nov 15 j 16:18 | 0° ت | |
| may Earth dist | - | | 1.01042 ATT | | - | 0° m | |
| max. Earth dist. | -7705 Mar 17 j 23:44 | 28° ⋜ 54'18 | 1.01942 AU | | -7701 Dec 15 j 19:07 | | |
| | -7705 Mar 19 j 03:27 | 0° ≈ | | | -7700 Jan 15 j 12:27 | 0° ⊼ | |
| | -7705 Apr 19 j 17:25 | 0° ∀ | | _ | -7700 Feb 15 j 18:44 | 0°ප •••••••••••••••••••••••••••••••••••• | |
| | -7705 May 20 j 23:47 | 0° Y | | max. Earth dist. | -7700 Mar 17 j 11:35 | 29° る 10'04 | 1.01945 AU |
| | -7705 Jun 20 j 17:13 | 9° 8 | | | -7700 Mar 18 j 08:39 | 0° ≈ | |
| | -7705 Jul 20 j 20:06 | $\Pi^{\circ}0$ | | | -7700 Apr 18 j 22:36 | 0° ∀ | |
| | -7705 Aug 19 j 10:45 | 0ංම | | | -7700 May 20 j 04:59 | 0° Y | |
| | -7705 Sep 17 j 18:27 | $0^{\circ}\Omega$ | | | -7700 Jun 19 j 22:25 | 0°8 | |
| min. Earth dist. | -7705 Sep 17 j 17:31 | 29° 9 57'38 | 0.98053 AU | | -7700 Jul 20 j 01:20 | Π $^{\circ}0$ | |
| | -7705 Oct 17 j 02:09 | 0° m) | | | -7700 Aug 18 j 15:59 | 0°€ | |
| | -7705 Nov 15 j 16:46 | 0∘ ⊽ | | | -7700 Sep 16 j 23:42 | $0^{\circ}\Omega$ | |
| | 10, 10, 10.10 | | | | 50p 10 j 25.72 | - 50 | |

| • | | | • | * * | J 18-Feb-2025 14:21 | | 22 |
|------------------|----------------------|------------------------------|-------------|--------------------------|-----------------------------|---------------------------|-------------|
| | | - | | inting style is the year | r 7701 BCE in historical co | | |
| min. Earth dist. | -7700 Sep 17 j 19:14 | | 0.98055 AU | | -7695 Jul 20 j 06:44 | 0° I I | |
| | -7700 Oct 16 j 07:24 | 0° m) | | | -7695 Aug 18 j 21:25 | 0₀æ | |
| | -7700 Nov 14 j 22:02 | 0∘ ⊽ | | | -7695 Sep 17 j 05:08 | $0^{\circ}\Omega$ | |
| | -7700 Dec 15 j 00:54 | 0° M ₊ | | min. Earth dist. | -7695 Sep 18 j 10:51 | 1° Ω 16′11 | 0.98055 AU |
| | -7699 Jan 14 j 18:18 | 0° ∡ | | | -7695 Oct 16 j 12:48 | 0° my | |
| | -7699 Feb 15 j 00:39 | 0°ප | | | -7695 Nov 15 j 03:22 | 0∘ ত | |
| | -7699 Mar 18 j 14:39 | 0° ≈ | | | -7695 Dec 15 j 06:11 | 0° M | |
| max. Earth dist. | -7699 Mar 19 j 00:41 | 0° ≈ 23'47 | 1.01943 AU | | -7694 Jan 14 j 23:31 | 0° ∡ ″ | |
| | -7699 Apr 19 j 04:39 | 0° ∀ | | | -7694 Feb 15 j 05:50 | 8°0 | |
| | -7699 May 20 j 11:02 | $0^{\circ}\mathbf{\Upsilon}$ | | max. Earth dist. | -7694 Mar 17 j 22:22 | 29° る 09'14 | 1.01943 AU |
| | -7699 Jun 20 j 04:28 | $6^{\circ}B$ | | | -7694 Mar 18 j 19:48 | 0° ≈ | |
| | -7699 Jul 20 j 07:21 | $\Pi^{\circ}0$ | | | -7694 Apr 19 j 09:48 | 0° ∀ | |
| | -7699 Aug 18 j 21:58 | 0ංම | | | -7694 May 20 j 16:12 | $0^{\circ}\mathbf{Y}$ | |
| min. Earth dist. | -7699 Sep 16 j 03:28 | 28°952'52 | 0.98056 AU | | -7694 Jun 20 j 09:41 | 0°8 | |
| | -7699 Sep 17 j 05:40 | $0^{\circ}\Omega$ | | | -7694 Jul 20 j 12:39 | 0°Щ | |
| | -7699 Oct 16 j 13:23 | 0° mp | | | -7694 Aug 19 j 03:21 | 0 . ಹ | |
| | -7699 Nov 15 j 04:02 | 0∘ ⊽ | | min. Earth dist. | -7694 Sep 17 j 06:05 | 29°547'10 | 0.98055 AU |
| | -7699 Dec 15 j 06:55 | 0° M ₊ | | mm. Darm dist. | -7694 Sep 17 j 11:06 | 0°Ω | 0.90033710 |
| | -7698 Jan 15 j 00:18 | 0° ⊼ ¹ | | | -7694 Oct 16 j 18:48 | 0° m y | |
| | -7698 Feb 15 j 06:36 | 0° ਣ | | | -7694 Nov 15 j 09:22 | 0° ت م اللا | |
| | | 0°≈ | | | 3 | 0° m | |
| E d Ed | -7698 Mar 18 j 20:31 | | 1 01046 ATT | | -7694 Dec 15 j 12:08 | | |
| max. Earth dist. | -7698 Mar 19 j 10:55 | 0°≈34'09 | 1.01946 AU | | -7693 Jan 15 j 05:24 | 0° ⊼ | |
| | -7698 Apr 19 j 10:26 | 0° ∀ | | | -7693 Feb 15 j 11:37 | ರ್∘ರ | |
| | -7698 May 20 j 16:47 | 0° Υ | | | -7693 Mar 19 j 01:31 | 0° ≈ | |
| | -7698 Jun 20 j 10:12 | 0° 8 | | max. Earth dist. | -7693 Mar 20 j 11:11 | 1° ≈ 19'49 | 1.01945 AU |
| | -7698 Jul 20 j 13:06 | Π $^{\circ}$ 0 | | | -7693 Apr 19 j 15:30 | 0° ∀ | |
| | -7698 Aug 19 j 03:45 | 0 | | | -7693 May 20 j 21:56 | 0 ° Υ | |
| | -7698 Sep 17 j 11:28 | 0 ° Ω | | | -7693 Jun 20 j 15:27 | 0°8 | |
| min. Earth dist. | -7698 Sep 18 j 04:51 | 0° Ω 44'35 | 0.98060 AU | | -7693 Jul 20 j 18:27 | Π $^{\circ}0$ | |
| | -7698 Oct 16 j 19:12 | 0° m | | | -7693 Aug 19 j 09:10 | $0 \circ \mathfrak{S}$ | |
| | -7698 Nov 15 j 09:51 | 0∘ ত | | min. Earth dist. | -7693 Sep 17 j 10:37 | 29° © 43'48 | 0.98061 AU |
| | -7698 Dec 15 j 12:44 | 0° M . | | | -7693 Sep 17 j 16:56 | $0^{\circ}\Omega$ | |
| | -7697 Jan 15 j 06:06 | 0°⊀ | | | -7693 Oct 17 j 00:39 | 0° m y | |
| | -7697 Feb 15 j 12:22 | 0°ප | | | -7693 Nov 15 j 15:13 | 0∘ ত | |
| max. Earth dist. | -7697 Mar 17 j 23:37 | 28° る 56'49 | 1.01942 AU | | -7693 Dec 15 j 17:59 | 0°M | |
| | -7697 Mar 19 j 02:17 | 0° ≈ | | | -7692 Jan 15 j 11:13 | 0° ∡ | |
| | -7697 Apr 19 j 16:15 | 0° ∀ | | | -7692 Feb 15 j 17:24 | 8°0 | |
| | -7697 May 20 j 22:38 | 0°Υ | | max. Earth dist. | -7692 Mar 17 j 21:36 | 29° ප 37'05 | 1.01946 AU |
| | -7697 Jun 20 j 16:08 | 0°8 | | man. Darin diot. | -7692 Mar 18 j 07:16 | 0°≈ | 1.013 .0110 |
| | -7697 Jul 20 j 19:04 | 0°II | | | -7692 Apr 18 j 21:15 | 0°) € | |
| | -7697 Aug 19 j 09:43 | 0°© | | | -7692 May 20 j 03:42 | 0°Υ | |
| | | 0° U | | | • • | 0°8 | |
| i E | -7697 Sep 17 j 17:23 | | 0.00050 ATT | | -7692 Jun 19 j 21:14 | | |
| min. Earth dist. | -7697 Sep 18 j 01:02 | 0° Ω 19'35 | 0.98050 AU | | -7692 Jul 20 j 00:13 | 0°Ⅱ 0°0 | |
| | -7697 Oct 17 j 01:02 | 0° m/y | | | -7692 Aug 18 j 14:54 | 0° © | |
| | -7697 Nov 15 j 15:36 | 0∘ ⊽ | | | -7692 Sep 16 j 22:36 | $0^{\circ}\Omega$ | |
| | -7697 Dec 15 j 18:26 | 0° M ₊ | | min. Earth dist. | -7692 Sep 18 j 00:38 | 1° Ω 06'41 | 0.98054 AU |
| | -7696 Jan 15 j 11:49 | 0° ∡ | | | -7692 Oct 16 j 06:17 | 0° m y | |
| | -7696 Feb 15 j 18:08 | 0°ප | | | -7692 Nov 14 j 20:52 | 0∘ ⊽ | |
| | -7696 Mar 18 j 08:06 | 0° ≈ | | | -7692 Dec 14 j 23:41 | 0°M₊ | |
| max. Earth dist. | -7696 Mar 19 j 14:03 | 1° ≈ 10′59 | 1.01945 AU | | -7691 Jan 14 j 17:00 | 0° √ | |
| | -7696 Apr 18 j 22:08 | 0° ℋ | | | -7691 Feb 14 j 23:16 | 0°₹ | |
| | -7696 May 20 j 04:34 | 0 ° Υ | | | -7691 Mar 18 j 13:12 | 0° ≈ | |
| | -7696 Jun 19 j 22:05 | 9° 8 | | max. Earth dist. | -7691 Mar 18 j 18:12 | 0° ≈ 11'50 | 1.01941 AU |
| | -7696 Jul 20 j 01:03 | $\Pi^{\circ}0$ | | | -7691 Apr 19 j 03:12 | 0°) € | |
| | -7696 Aug 18 j 15:42 | 0°€ | | | -7691 May 20 j 09:39 | 0° Y | |
| min. Earth dist. | -7696 Sep 16 j 01:41 | 29° © 04'25 | 0.98053 AU | | -7691 Jun 20 j 03:11 | 0°B | |
| | -7696 Sep 16 j 23:23 | $0^{\circ}\Omega$ | | | -7691 Jul 20 j 06:10 | $\Pi^{\circ}0$ | |
| | -7696 Oct 16 j 07:00 | 0° m) | | | -7691 Aug 18 j 20:51 | 0° © | |
| | -7696 Nov 14 j 21:33 | 0∘ ಹ ಂ.ಗ | | min. Earth dist. | -7691 Sep 16 j 09:56 | 29° © 12'19 | 0.98054 AU |
| | -7696 Dec 15 j 00:20 | 0° ™ | | | -7691 Sep 17 j 04:33 | 0°Ω | |
| | | 0° ∤ 7 | | | | 0° m y | |
| | -7695 Jan 14 j 17:41 | 0° ਣ ਾ | | | -7691 Oct 16 j 12:13 | | |
| | -7695 Feb 15 j 00:00 | | | | -7691 Nov 15 j 02:48 | 0∘ w | |
| E d F : | -7695 Mar 18 j 13:57 | 0°≈ 20°₹57!45 | 1.01050 433 | | -7691 Dec 15 j 05:38 | 0°M | |
| max. Earth dist. | -7695 Mar 18 j 13:00 | 29° る 57'45 | 1.01950 AU | | -7690 Jan 14 j 22:57 | 0°⊀ ⁷ | |
| | -7695 Apr 19 j 03:56 | 0° ∀ | | | -7690 Feb 15 j 05:12 | ರ್∘ರ | |
| | -7695 May 20 j 10:19 | 0° Υ | | _ | -7690 Mar 18 j 19:03 | 0° ≈ | |
| | -7695 Jun 20 j 03:48 | 9° 8 | | max. Earth dist. | -7690 Mar 19 j 18:50 | 0° ≈ 56′23 | 1.01943 AU |
| | | | | | | | |

| • | omena of Sun from | | • | | | | 23 |
|---------------------|--|----------------------------------|--------------------|-------------------------|--|------------------------------------|-------------|
| Attention, astronom | nical year style is used: Th | - | n astronomical cou | nting style is the year | | | |
| | -7690 Apr 19 j 08:57 | 0° ∀ | | | -7685 Feb 15 j 10:02 | ರ್∘ರ | |
| | -7690 May 20 j 15:19 | $\gamma_{\circ 0}$ | | D. d. E. | -7685 Mar 18 j 23:55 | 0°≈ | 1 01044 477 |
| | -7690 Jun 20 j 08:48 -7690 Jul 20 j 11:48 | 0°∏ 0°8 | | max. Earth dist. | -7685 Mar 20 j 14:26 | 1° ≈ 31'17 0°) € | 1.01944 AU |
| | -7690 Jul 20 j 11.48 | 0°© | | | -7685 Apr 19 j 13:56 -7685 May 20 j 20:25 | 0° Υ | |
| | -7690 Sep 17 j 10:18 | 0°€0 | | | -7685 Jun 20 j 14:02 | 0°8 | |
| min. Earth dist. | -7690 Sep 18 j 02:04 | 0° Ω 40'23 | 0.98061 AU | | -7685 Jul 20 j 17:06 | 0°II | |
| | -7690 Oct 16 j 18:01 | 0° mp | | | -7685 Aug 19 j 07:50 | 0°® | |
| | -7690 Nov 15 j 08:36 | 0∘ ⊽ | | min. Earth dist. | -7685 Sep 17 j 03:55 | 29° © 30'09 | 0.98056 AU |
| | -7690 Dec 15 j 11:24 | 0°M | | | -7685 Sep 17 j 15:34 | $0^{\circ}\Omega$ | |
| | -7689 Jan 15 j 04:41 | 0° ∡ ¹ | | | -7685 Oct 16 j 23:12 | 0° m | |
| | -7689 Feb 15 j 10:54 | 0°₹ | | | -7685 Nov 15 j 13:42 | 0∘ ⊽ | |
| max. Earth dist. | -7689 Mar 18 j 01:03 | 29° る 03'45 | 1.01941 AU | | -7685 Dec 15 j 16:25 | 0°M₊ | |
| | -7689 Mar 19 j 00:46 | 0° ≈ | | | -7684 Jan 15 j 09:38 | 0° ∡ 7 | |
| | -7689 Apr 19 j 14:42 | 0° ∀ | | D. d. E. | -7684 Feb 15 j 15:49 | 0°る | 1 01040 444 |
| | -7689 May 20 j 21:06 -7689 Jun 20 j 14:37 | 0 ° ႘ 0∘ೡ | | max. Earth dist. | -7684 Mar 18 j 04:22 | 29°る56'49 0°≈ | 1.01948 AU |
| | -7689 Jul 20 j 17:38 | 0°II | | | -7684 Mar 18 j 05:42 -7684 Apr 18 j 19:43 | 0 ≈ 0° ∀ | |
| | -7689 Aug 19 j 08:23 | 0°© | | | -7684 May 20 j 02:13 | 0° Υ | |
| | -7689 Sep 17 j 16:07 | 0°N | | | -7684 Jun 19 j 19:50 | 0°8 | |
| min. Earth dist. | -7689 Sep 18 j 11:07 | 0° Ω 48'39 | 0.98054 AU | | -7684 Jul 19 j 22:54 | 0°II | |
| | -7689 Oct 16 j 23:47 | 0° m | | | -7684 Aug 18 j 13:38 | 0° © | |
| | -7689 Nov 15 j 14:18 | 0∘ ⊽ | | | -7684 Sep 16 j 21:20 | $0^{\circ}\Omega$ | |
| | -7689 Dec 15 j 17:03 | 0° M. | | min. Earth dist. | -7684 Sep 18 j 07:32 | 1° Ω 27'37 | 0.98052 AU |
| | -7688 Jan 15 j 10:20 | 0° ∡ ¹ | | | -7684 Oct 16 j 04:57 | 0° ™ | |
| | -7688 Feb 15 j 16:36 | 0°ප | | | -7684 Nov 14 j 19:26 | 0∘ ⊽ | |
| | -7688 Mar 18 j 06:33 | 0° ≈ | | | -7684 Dec 14 j 22:09 | 0°M | |
| max. Earth dist. | -7688 Mar 19 j 09:16 | 1°≈03'17 | 1.01943 AU | | -7683 Jan 14 j 15:25 | 0°⊀ ⁷ | |
| | -7688 Apr 18 j 20:35 | 0° ∀ 0° Υ | | may Earth dist | -7683 Feb 14 j 21:40 | 0°る 29°る49'18 | 1.01042.411 |
| | -7688 May 20 j 03:02 -7688 Jun 19 j 20:34 | 0°8 | | max. Earth dist. | -7683 Mar 18 j 07:07 -7683 Mar 18 j 11:37 | 29 ⊘ 49 18 0° ≈ | 1.01943 AU |
| | -7688 Jul 19 j 23:33 | 0°II | | | -7683 Apr 19 j 01:40 | 0° ∺ | |
| | -7688 Aug 18 j 14:16 | 0°ಅ | | | -7683 May 20 j 08:11 | 0°Υ | |
| min. Earth dist. | -7688 Sep 16 j 00:46 | 29° © 05'37 | 0.98056 AU | | -7683 Jun 20 j 01:48 | 0°8 | |
| | -7688 Sep 16 j 21:59 | $0^{\circ}\Omega$ | | | -7683 Jul 20 j 04:52 | $\Pi^{\circ}0$ | |
| | -7688 Oct 16 j 05:39 | 0° m | | | -7683 Aug 18 j 19:37 | 0 | |
| | -7688 Nov 14 j 20:11 | 0∘ ত | | min. Earth dist. | -7683 Sep 16 j 18:57 | 29° © 38'28 | 0.98053 AU |
| | -7688 Dec 14 j 22:56 | 0° M | | | -7683 Sep 17 j 03:21 | $0^{\circ}\Omega$ | |
| | -7687 Jan 14 j 16:12 | 0° ₹ | | | -7683 Oct 16 j 11:00 | 0° m | |
| | -7687 Feb 14 j 22:27 | 0° ට | | | -7683 Nov 15 j 01:30 | 0° Մ 0° 亞 | |
| max. Earth dist. | -7687 Mar 18 j 12:23 -7687 Mar 18 j 21:56 | 0° ≈ 0° ≈ 22'37 | 1.01949 AU | | -7683 Dec 15 j 04:13 -7682 Jan 14 j 21:27 | 0°11℃ 0° √ 7 | |
| max. Earth dist. | -7687 Apr 19 j 02:23 | 0 ≈2237 0° H | 1.01949 AU | | -7682 Feb 15 j 03:39 | 0°る | |
| | -7687 May 20 j 08:48 | 0° Υ | | | -7682 Mar 18 j 17:32 | 0° ≈ | |
| | -7687 Jun 20 j 02:18 | 0°8 | | max. Earth dist. | -7682 Mar 20 j 02:22 | 1°≈17'51 | 1.01944 AU |
| | -7687 Jul 20 j 05:15 | 0° II | | | -7682 Apr 19 j 07:30 | 0° ∀ | |
| | -7687 Aug 18 j 19:56 | 0ංම | | | -7682 May 20 j 13:56 | $0^{\circ}\Upsilon$ | |
| | -7687 Sep 17 j 03:40 | $0^{\circ}\Omega$ | | | -7682 Jun 20 j 07:31 | 9° 8 | |
| min. Earth dist. | -7687 Sep 18 j 08:02 | 1° Ω 12'42 | 0.98057 AU | | -7682 Jul 20 j 10:35 | $\Pi^{\circ}0$ | |
| | -7687 Oct 16 j 11:21 | 0° m | | | -7682 Aug 19 j 01:23 | 0₀æ | |
| | -7687 Nov 15 j 01:56 | 0∘ ⊽ | | | -7682 Sep 17 j 09:12 | 0°N | 0.00062.477 |
| | -7687 Dec 15 j 04:44 | 0°M, | | min. Earth dist. | -7682 Sep 17 j 19:45 | 0° Ω 27'03 | 0.98063 AU |
| | -7686 Jan 14 j 22:01 -7686 Feb 15 j 04:16 | ್ತಾ 0° ಶ | | | -7682 Oct 16 j 16:55 -7682 Nov 15 j 07:27 | 0 ் ச 0 ்ம் | |
| max. Earth dist. | -7686 Mar 17 j 20:15 | 0 3 29° る 07'59 | 1.01944 AU | | -7682 Nov 13 j 07.27 -7682 Dec 15 j 10:09 | 0°M | |
| max. Lartii dist. | -7686 Mar 18 j 18:12 | 0°≈ | 1.01)++ AO | | -7681 Jan 15 j 03:20 | 0° ⊼ 7 | |
| | -7686 Apr 19 j 08:13 | 0°) € | | | -7681 Feb 15 j 09:27 | 0°ਰ | |
| | -7686 May 20 j 14:40 | 0 ° $\mathbf{\gamma}$ | | max. Earth dist. | -7681 Mar 18 j 09:10 | 29° පි 26'30 | 1.01943 AU |
| | -7686 Jun 20 j 08:13 | 9° 8 | | | -7681 Mar 18 j 23:18 | 0° ≈ | |
| | -7686 Jul 20 j 11:12 | $\Pi^{\circ}0$ | | | -7681 Apr 19 j 13:17 | 0° ∀ | |
| | -7686 Aug 19 j 01:54 | 0ංම | | | -7681 May 20 j 19:46 | 0° Υ | |
| min. Earth dist. | -7686 Sep 17 j 11:49 | 0° Ω 05'39 | 0.98052 AU | | -7681 Jun 20 j 13:23 | 8°0 | |
| | -7686 Sep 17 j 09:36 | 0° N | | | -7681 Jul 20 j 16:28 | 0° Ⅱ | |
| | -7686 Oct 16 j 17:17 | 0 ்⊽ 0∘∭ | | | -7681 Aug 19 j 07:15 | $0 _{\circ}$ ೮ $0 _{\circ}$ ខ | |
| | -7686 Nov 15 j 07:49 -7686 Dec 15 j 10:34 | 0° ™ | | min. Earth dist. | -7681 Sep 17 j 15:01 -7681 Sep 18 j 18:22 | 0° 37 1° Ω 10'04 | 0.98056 AU |
| | -7685 Jan 15 j 03:49 | 0° ⊼ ¹ | | Durin dist. | -7681 Oct 16 j 22:41 | 0°M) | 5.70030 AU |
| | | ÷ •• | | | | - ·× | |

Attention, astronomical year style is used: The year -7681 in astronomical counting style is the year 7682 BCE in historical counting style. -7681 Nov 15 j 13:12 0∘**⊽** -7676 Sep 16 j 20:16 $0^{\circ}\Omega$ -7681 Dec 15 j 15:54 0°M -7676 Sep 18 j 08:27 1°**Ω**32'43 0.98056 AU min. Earth dist. -7680 Jan 15 j 09:05 0°×7 -7676 Oct 16 j 03:55 0° m 0°궁 -7680 Feb 15 j 15:16 -7676 Nov 14 j 18:25 0∘Ω -7680 Mar 18 j 05:10 0°≈ -7676 Dec 14 j 21:06 0°M max. Earth dist. -7680 Mar 19 j 06:27 0°≈59'55 1.01941 AU -7675 Jan 14 j 14:19 0°×7 -7680 Apr 18 j 19:13 0°**∀** -7675 Feb 14 j 20:31 0°궁 $0^{\circ}\Upsilon$ -7680 May 20 j 01:45 max. Earth dist. -7675 Mar 17 j 23:15 29°る33'26 1.01944 AU -7680 Jun 19 j 19:24 0° 8 -7675 Mar 18 j 10:28 0°≈ -7680 Jul 19 j 22:29 $0^{\circ}\Pi$ -7675 Apr 19 j 00:32 0°**)**€ -7680 Aug 18 j 13:14 0ಂತಾ -7675 May 20 j 07:04 $0^{\circ}\Upsilon$ -7675 Jun 20 j 00:41 min. Earth dist. -7680 Sep 16 j 02:48 29°513'26 0.98055 AU 0°8 -7675 Jul 20 j 03:44 -7680 Sep 16 j 20:59 0° Ω $0^{\circ}\Pi$ -7680 Oct 16 j 04:38 0° m -7675 Aug 18 j 18:28 0ಂತಾ -7680 Nov 14 j 19:10 0∘**⊽** min. Earth dist. -7675 Sep 16 j 23:09 29°552'15 0.98053 AU -7680 Dec 14 j 21:53 0° M -7675 Sep 17 j 02:11 $0^{\circ}\Omega$ -7679 Jan 14 j 15:06 0°**√** -7675 Oct 16 j 09:50 -7679 Feb 14 j 21:17 0°る -7675 Nov 15 j 00:21 -7679 Mar 18 j 11:09 0°≈ -7675 Dec 15 j 03:03 max. Earth dist. -7679 Mar 19 j 07:59 0°≈49'25 1.01946 AU -7674 Jan 14 j 20:16 0°**∡**7 -7679 Apr 19 j 01:07 0°**∀** -7674 Feb 15 j 02:25 -7679 May 20 j 07:34 $0^{\circ}\Upsilon$ -7674 Mar 18 i 16:18 0°≈ -7679 Jun 20 j 01:10 0°8 max. Earth dist. -7674 Mar 20 i 07:44 1°≈33'30 1.01944 AU -7679 Jul 20 j 04:13 Π °0 -7674 Apr 19 i 06:18 0°**∀** -7679 Aug 18 j 18:59 0ಂತಾ -7674 May 20 j 12:48 $0^{\circ}\Upsilon$ -7679 Sep 17 j 02:44 $0^{\circ}\Omega$ -7674 Jun 20 j 06:25 0°8 -7679 Sep 18 j 06:31 1°**Ω**11'12 0.98059 AU -7674 Jul 20 j 09:30 min Earth dist 0°Π -7679 Oct 16 j 10:25 -7674 Aug 19 j 00:16 0° mb 0.00 -7674 Sep 17 j 08:12 -7679 Nov 15 j 00:58 0∘ഹ min Earth dist 0°**Ω**00'28 0.98059 AU -7674 Sep 17 j 08:01 0°M -7679 Dec 15 j 03:42 $0^{\circ}\Omega$ -7674 Oct 16 j 15:41 0° m -7678 Jan 14 j 20:57 0°×7 -7678 Feb 15 j 03:09 0°궁 -7674 Nov 15 j 06:11 0∘ಹ max. Earth dist. -7678 Mar 17 j 19:29 29°る08'58 1.01942 AU -7674 Dec 15 j 08:51 0°M -7678 Mar 18 j 17:01 -7673 Jan 15 j 02:01 0°≈ 0° ×7 0°**∀** -7673 Feb 15 j 08:08 -7678 Apr 19 j 06:59 0°궁 $0^{\circ}\Upsilon$ -7678 May 20 j 13:27 -7673 Mar 18 j 21:58 0°≈ 0° 8 -7678 Jun 20 j 07:03 max. Earth dist. -7673 Mar 18 j 15:32 29°る44'44 1.01945 AU -7678 Jul 20 j 10:08 $0^{\circ}II$ -7673 Apr 19 j 11:58 0°**)**€ -7678 Aug 19 j 00:55 0ಂತಾ -7673 May 20 j 18:30 $0^{\circ}\Upsilon$ -7678 Sep 17 j 08:41 $0^{\circ}\Omega$ -7673 Jun 20 j 12:11 0°8 min. Earth dist. -7678 Sep 17 j 21:56 0°**Ω**33'55 0.98055 AU -7673 Jul 20 j 15:19 $0^{\circ}\Pi$ -7678 Oct 16 j 16:21 -7673 Aug 19 j 06:06 -7673 Sep 17 j 13:48 -7678 Nov 15 j 06:51 0∘**⊽** -7678 Dec 15 j 09:33 $0^{\circ}M$ -7673 Sep 19 j 01:16 1°Ω30'51 0.98051 AU min. Earth dist. -7677 Jan 15 j 02:45 0°⊀ -7673 Oct 16 j 21:23 0° m -7677 Feb 15 i 08:55 0°정 -7673 Nov 15 i 11:48 0∘**⊽** -7677 Mar 18 j 22:48 -7673 Dec 15 i 14:25 0°M max. Earth dist. -7677 Mar 20 j 13:08 1°≈30'52 1.01941 AU -7672 Jan 15 i 07:35 0°×7 -7677 Apr 19 j 12:47 0°**)**€ -7672 Feb 15 j 13:46 0°정 -7677 May 20 j 19:16 $0^{\circ}\Upsilon$ -7672 Mar 18 j 03:41 -7677 Jun 20 j 12:54 0°8 max. Earth dist. -7672 Mar 18 j 19:53 0°≈38'22 1.01944 AU -7677 Jul 20 j 16:00 $0^{\circ}II$ 0°\ -7672 Apr 18 j 17:47 $0^{\circ}\Upsilon$ -7677 Aug 19 j 06:49 000 -7672 May 20 j 00:23 -7677 Sep 17 j 01:16 min. Earth dist. 29°525'48 0.98059 AU -7672 Jun 19 j 18:06 0°8 -7677 Sep 17 j 14:37 $0^{\circ}\Omega$ -7672 Jul 19 j 21:16 $0^{\circ}\Pi$ -7677 Oct 16 j 22:17 0° m -7672 Aug 18 j 12:04 0ಂತಾ 0∘**⊽** min. Earth dist. -7672 Sep 16 j 10:17 29°535'38 0.98051 AU -7677 Nov 15 j 12:46 $0^{\circ}M$ -7677 Dec 15 j 15:25 -7672 Sep 16 j 19:47 $0^{\circ}\Omega$ -7676 Jan 15 j 08:35 0° **₹** -7672 Oct 16 j 03:22 0° m 0°궁 -7676 Feb 15 j 14:44 -7672 Nov 14 j 17:46 0∘ଫ 0°≈16'18 1.01948 AU max. Earth dist. -7676 Mar 18 j 11:29 -7672 Dec 14 j 20:21 0°M -7676 Mar 18 j 04:36 0°≈ -7671 Jan 14 j 13:30 0°**∡**7 -7676 Apr 18 j 18:37 0°**)**€ -7671 Feb 14 j 19:40 0°궁 $0^{\circ} \Upsilon$ -7676 May 20 j 01:07 -7671 Mar 18 j 09:34 -7676 Jun 19 j 18:43 0°8 max. Earth dist. -7671 Mar 19 j 16:00 1°≈12'08 1.01949 AU -7676 Jul 19 j 21:46 $\mathbb{I}^{\circ 0}$ 0°**)**€ -7671 Apr 18 j 23:36 0ಂತಾ $0^{\circ}\Upsilon$ -7676 Aug 18 j 12:32 -7671 May 20 j 06:07

| Planetary Phen | omena of Sun from | -7900 thro | ugh -7398 (U | T), Astrodienst A | G 18-Feb-2025 14:2 | 1, page | 25 |
|---------------------|--|-----------------------------|-------------------|-------------------|--|----------------------------------|-------------|
| Attention, astronon | nical year style is used: Th | - | n astronomical co | | | | |
| | -7671 Jun 19 j 23:47 | $_{0\circ}$ 8 | | max. Earth dist. | -7666 Mar 20 j 10:45 | 1° ≈ 44'26 | 1.01939 AU |
| | -7671 Jul 20 j 02:56 | Π °0 | | | -7666 Apr 19 j 04:39 | 0° ∀ | |
| | -7671 Aug 18 j 17:45 | 0 \circ | | | -7666 May 20 j 11:09 | 0° Y | |
| | -7671 Sep 17 j 01:31 | $0 {\circ} \Omega$ | | | -7666 Jun 20 j 04:51 | $_{0\circ}$ 8 | |
| min. Earth dist. | -7671 Sep 18 j 04:29 | 1° Ω 09'07 | 0.98058 AU | | -7666 Jul 20 j 08:03 | Π °0 | |
| | -7671 Oct 16 j 09:09 | 0° m) | | | -7666 Aug 18 j 22:57 | 0ං ම | |
| | -7671 Nov 14 j 23:36 | 0∘ ত | | min. Earth dist. | -7666 Sep 17 j 04:35 | 29° © 54'23 | 0.98062 AU |
| | -7671 Dec 15 j 02:12 | 0° M | | | -7666 Sep 17 j 06:47 | 0 $^{\circ}$ Ω | |
| | -7670 Jan 14 j 19:19 | 0° ∡ ¹ | | | -7666 Oct 16 j 14:28 | 0° m) | |
| | -7670 Feb 15 j 01:26 | 0°ಕ | | | -7666 Nov 15 j 04:56 | 0∘ 亚 | |
| max. Earth dist. | -7670 Mar 18 j 00:12 | 29° る 24'12 | 1.01945 AU | | -7666 Dec 15 j 07:32 | 0° M ₊ | |
| | -7670 Mar 18 j 15:18 | 0° ≈ | | | -7665 Jan 15 j 00:38 | 0° ∡ ¹ | |
| | -7670 Apr 19 j 05:21 | 0° ∀ | | | -7665 Feb 15 j 06:42 | 0°ಕ | |
| | -7670 May 20 j 11:53 | 0° Y | | | -7665 Mar 18 j 20:29 | 0° ≈ | |
| | -7670 Jun 20 j 05:34 | 0° 8 | | max. Earth dist. | -7665 Mar 18 j 22:09 | 0° ≈ 03'56 | 1.01943 AU |
| | -7670 Jul 20 j 08:44 | Π °0 | | | -7665 Apr 19 j 10:27 | 0° ∀ | |
| | -7670 Aug 18 j 23:35 | 0ಂಣ | | | -7665 May 20 j 16:58 | 0° Y | |
| | -7670 Sep 17 j 07:23 | $0^{\circ}\Omega$ | | | -7665 Jun 20 j 10:40 | $0^{\circ}S$ | |
| min. Earth dist. | -7670 Sep 18 j 07:41 | 1° Ω 02′13 | 0.98056 AU | | -7665 Jul 20 j 13:52 | Π °0 | |
| | -7670 Oct 16 j 15:03 | 0° m) | | | -7665 Aug 19 j 04:44 | 0ංම | |
| | -7670 Nov 15 j 05:29 | 0∘ ⊽ | | | -7665 Sep 17 j 12:33 | 0 $^{\circ}$ Ω | |
| | -7670 Dec 15 j 08:03 | 0°M₊ | | min. Earth dist. | -7665 Sep 19 j 06:41 | 1° Ω 47'58 | 0.98057 AU |
| | -7669 Jan 15 j 01:07 | 0° ∡ ¹ | | | -7665 Oct 16 j 20:11 | 0° m p | |
| | -7669 Feb 15 j 07:11 | 0°₹ | | | -7665 Nov 15 j 10:37 | 0∘ ⊽ | |
| | -7669 Mar 18 j 21:02 | 0° ≈ | | | -7665 Dec 15 j 13:11 | 0° M | |
| max. Earth dist. | -7669 Mar 20 j 15:09 | 1° ≈ 39'49 | 1.01941 AU | | -7664 Jan 15 j 06:17 | 0° ∡ ¹ | |
| | -7669 Apr 19 j 11:05 | 0° ∀ | | | -7664 Feb 15 j 12:24 | 0°ಕ | |
| | -7669 May 20 j 17:40 | 0° Ƴ | | max. Earth dist. | -7664 Mar 18 j 09:08 | 0° ≈ 16′11 | 1.01942 AU |
| | -7669 Jun 20 j 11:24 | 0°8 | | | -7664 Mar 18 j 02:18 | 0° ≈ | |
| | -7669 Jul 20 j 14:36 | 0°II | | | -7664 Apr 18 j 16:22 | 0° ∀ | |
| | -7669 Aug 19 j 05:29 | 0°€ | | | -7664 May 19 j 22:58 | 0° Υ | |
| min. Earth dist. | -7669 Sep 17 j 01:24 | 29° © 29'32 | 0.98059 AU | | -7664 Jun 19 j 16:42 | 0° B | |
| | -7669 Sep 17 j 13:18 | 0° N | | | -7664 Jul 19 j 19:52 | 0°II | |
| | -7669 Oct 16 j 20:57 | 0° m) | | | -7664 Aug 18 j 10:43 | 0°© | |
| | -7669 Nov 15 j 11:24 | 0∘ 亚 | | i matra | -7664 Sep 16 j 18:30 | 0° N | 0.00054.441 |
| | -7669 Dec 15 j 13:58 | 0° M 0°. ₹ | | min. Earth dist. | -7664 Sep 16 j 13:38 | 29° © 47'33 | 0.98054 AU |
| | -7668 Jan 15 j 07:01 | 0° ∡ ¹ | | | -7664 Oct 16 j 02:08 | 0° m) | |
| | -7668 Feb 15 j 13:03 | 5°0 | | | -7664 Nov 14 j 16:34 | ი∘ ო 0∘ ত | |
| may Forth dist | -7668 Mar 18 j 02:51 | 0°≈ 0°≈ | 1 01046 ATT | | -7664 Dec 14 j 19:10 | 0°M 0°. 7 | |
| max. Earth dist. | -7668 Mar 18 j 23:24 | 0°≈48'44 | 1.01946 AU | | -7663 Jan 14 j 12:16 | 0° ∡ ¹ | |
| | -7668 Apr 18 j 16:52 | 0° ∀ 0° Υ | | | -7663 Feb 14 j 18:24 | 0°る | |
| | -7668 May 19 j 23:27 | 0°8 | | max. Earth dist. | -7663 Mar 18 j 08:17 | 0° ≈ 1° ≈ 31'27 | 1.01047 AU |
| | -7668 Jun 19 j 17:11 -7668 Jul 19 j 20:21 | 0°II | | max. Earm dist. | -7663 Mar 19 j 22:52 -7663 Apr 18 j 22:20 | 1 ≈3127 0° ∺ | 1.01947 AU |
| | -7668 Aug 18 j 11:11 | 0°© | | | -7663 May 20 j 04:53 | 0°Υ | |
| | -7668 Sep 16 j 18:57 | 0° U | | | -7663 Jun 19 j 22:33 | 0°8 | |
| min. Earth dist. | -7668 Sep 18 j 10:11 | 1° Ω 40'31 | 0.98057 AU | | -7663 Jul 20 j 01:41 | 0°II | |
| iiiii. Lartii dist. | -7668 Oct 16 j 02:36 | 0° m) | 0.76037 AC | | -7663 Aug 18 j 16:30 | 0°© | |
| | -7668 Nov 14 j 17:04 | 0∘ ಹ | | | -7663 Sep 17 j 00:16 | 0° U | |
| | -7668 Dec 14 j 19:41 | 0° ™ | | min. Earth dist. | -7663 Sep 17 j 14:39 | 0° Ω 36'51 | 0.98060 AU |
| | -7667 Jan 14 j 12:48 | 0° ∡ 7 | | mm. Larm dist. | -7663 Oct 16 j 07:56 | 0° m) | 0.90000710 |
| | -7667 Feb 14 j 18:54 | °ਤ ਹ°ਤ | | | -7663 Nov 14 j 22:24 | 0∘ <u>ರ</u> ೧.۳ | |
| max. Earth dist. | -7667 Mar 17 j 21:28 | 29° ට 33'15 | 1.01942 AU | | -7663 Dec 15 j 01:02 | 0° M ₊ | |
| | -7667 Mar 18 j 08:45 | 0° ≈ | | | -7662 Jan 14 j 18:09 | 0° ∡ ¹ | |
| | -7667 Apr 18 j 22:47 | 0°) € | | | -7662 Feb 15 j 00:15 | 0°ප | |
| | -7667 May 20 j 05:22 | 0° Υ | | max. Earth dist. | -7662 Mar 18 j 04:17 | 29° る 36'45 | 1.01946 AU |
| | -7667 Jun 19 j 23:06 | 0°8 | | | -7662 Mar 18 j 14:06 | 0° ≈ | |
| | -7667 Jul 20 j 02:17 | 0°II | | | -7662 Apr 19 j 04:08 | 0°) | |
| | -7667 Aug 18 j 17:08 | 0ංම _ | | | -7662 May 20 j 10:43 | 0° Υ | |
| min. Earth dist. | -7667 Sep 17 j 09:27 | 0° Ω 21'54 | 0.98054 AU | | -7662 Jun 20 j 04:27 | 0°8 | |
| | -7667 Sep 17 j 00:54 | 0°N | | | -7662 Jul 20 j 07:37 | 0°II | |
| | -7667 Oct 16 j 08:32 | 0° m) | | | -7662 Aug 18 j 22:26 | 0ಂತಾ | |
| | -7667 Nov 14 j 23:00 | 0∘ ⊽ | | | -7662 Sep 17 j 06:12 | $0^{\circ}\Omega$ | |
| | -7667 Dec 15 j 01:39 | 0°M₊ | | min. Earth dist. | -7662 Sep 18 j 12:55 | 1° Ω 18'41 | 0.98053 AU |
| | -7666 Jan 14 j 18:47 | 0° ∡ ¹ | | | -7662 Oct 16 j 13:49 | 0° m | |
| | -7666 Feb 15 j 00:53 | 8°0 | | | -7662 Nov 15 j 04:15 | 0∘ ⊽ | |
| | -7666 Mar 18 j 14:41 | 0° ≈ | | | -7662 Dec 15 j 06:49 | 0° M ₊ | |
| | | | | | | | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 26 Attention, astronomical year style is used: The year -7661 in astronomical counting style is the year 7662 BCE in historical counting style. -7661 Jan 14 j 23:54 0°**∡**¹ -7657 Oct 16 j 19:13 0° m -7661 Feb 15 j 05:59 0°궁 -7657 Nov 15 j 09:35 0∘Ω -7657 Dec 15 j 12:05 -7661 Mar 18 j 19:50 0°≈≈ oom. max. Earth dist. -7661 Mar 20 j 07:10 1°≈23'43 1.01941 AU -7656 Jan 15 j 05:04 0°×7 -7661 Apr 19 j 09:55 0°**)** -7656 Feb 15 j 11:05 0°궁 $0^{\circ}\Upsilon$ -7656 Mar 18 j 05:50 -7661 May 20 j 16:34 max. Earth dist. 0°≈11'41 1.01941 AU -7661 Jun 20 j 10:22 0°8 -7656 Mar 18 j 00:55 0°≈ -7661 Jul 20 j 13:37 Π °0 -7656 Apr 18 j 15:00 0°**)**€ $0^{\circ}\Upsilon$ -7661 Aug 19 j 04:29 0ಂತಾ -7656 May 19 j 21:41 min. Earth dist. -7661 Sep 17 j 03:34 29°537'45 0.98053 AU -7656 Jun 19 j 15:32 0°8 -7661 Sep 17 j 12:14 0° Ω -7656 Jul 19 j 18:49 $0^{\circ}\Pi$ -7661 Oct 16 j 19:50 0° M -7656 Aug 18 j 09:42 0ಂತಾ -7661 Nov 15 j 10:12 0∘**⊽** -7656 Sep 16 j 17:29 0° Ω -7661 Dec 15 j 12:44 0° M min. Earth dist. -7656 Sep 16 j 22:14 0°**Ω**12'11 0.98053 AU -7660 Jan 15 j 05:47 0°**√** -7656 Oct 16 j 01:05 -7660 Feb 15 j 11:52 0°ರ -7656 Nov 14 j 15:28 0∘**⊽** -7660 Mar 18 j 01:43 0°≈ -7656 Dec 14 j 17:59 $0^{\circ}M$ max. Earth dist. -7660 Mar 19 j 06:05 1°≈07'16 1.01949 AU -7655 Jan 14 j 11:01 0°×7 -7660 Apr 18 j 15:46 0°**∀** -7655 Feb 14 j 17:03 -7660 May 19 j 22:23 $0^{\circ}\Upsilon$ -7655 Mar 18 j 06:53 0°≈ -7660 Jun 19 j 16:11 9° max. Earth dist. -7655 Mar 20 j 06:04 1°≈51'51 1.01943 AU -7660 Jul 19 i 19:24 Π °0 -7655 Apr 18 j 20:54 0°**∀** -7660 Aug 18 j 10:16 0ಂತಾ -7655 May 20 j 03:30 $0^{\circ}\Upsilon$ -7660 Sep 16 j 18:01 $0^{\circ}\Omega$ -7655 Jun 19 j 21:17 0°8 min. Earth dist. -7660 Sep 18 j 10:43 1°**Ω**44'20 0.98055 AU -7655 Jul 20 j 00:32 $\Pi^{\circ}0$ -7660 Oct 16 j 01:36 -7655 Aug 18 j 15:27 0° mb 0.00 -7660 Nov 14 j 15:57 0∘**⊽** -7655 Sep 16 j 23:15 $0^{\circ}\Omega$ -7660 Dec 14 j 18:29 0°M -7655 Sep 17 j 10:45 min. Earth dist. 0°**Ω**29'28 0.98060 AU -7659 Jan 14 j 11:33 0°×7 -7655 Oct 16 j 06:53 0° m -7659 Feb 14 j 17:40 0°궁 -7655 Nov 14 j 21:18 0∘ಹ 29°る32'47 1.01946 AU max. Earth dist. -7659 Mar 17 j 20:05 -7655 Dec 14 j 23:51 0°M -7659 Mar 18 j 07:33 0°≈ -7654 Jan 14 j 16:53 0°×7 0°**)**€ -7659 Apr 18 j 21:39 -7654 Feb 14 j 22:54 0°궁 -7659 May 20 j 04:17 $0^{\circ}\Upsilon$ -7654 Mar 18 j 10:14 29°る54'12 1.01943 AU max. Earth dist. 0°8 -7659 Jun 19 j 22:04 -7654 Mar 18 j 12:41 0°≈ -7659 Jul 20 j 01:19 0°\ Π °0 -7654 Apr 19 j 02:40 -7659 Aug 18 j 16:12 0ಂತಾ -7654 May 20 j 09:15 $0^{\circ}\Upsilon$ -7659 Sep 16 j 23:59 $0^{\circ}\Omega$ -7654 Jun 20 j 03:02 0°8 min. Earth dist. -7659 Sep 17 j 19:28 0°**Ω**49'55 0.98052 AU -7654 Jul 20 j 06:18 $0^{\circ}\Pi$ -7659 Oct 16 j 07:35 0° M -7654 Aug 18 j 21:14 0ಂತಾ -7659 Nov 14 j 21:57 0∘**⊽** -7654 Sep 17 j 05:05 -7659 Dec 15 j 00:28 $0^{\circ}M$ -7654 Sep 18 j 23:03 1°**Ω**47'32 0.98057 AU min. Earth dist. -7658 Jan 14 j 17:31 -7654 Oct 16 j 12:43 0°×7 0° m -7658 Feb 14 j 23:34 0°る -7654 Nov 15 j 03:04 -7654 Dec 15 j 05:33 -7658 Mar 18 j 13:25 max. Earth dist. -7658 Mar 20 j 13:32 1°≈54'04 1.01942 AU -7653 Jan 14 j 22:32 0°×7 -7658 Apr 19 i 03:28 0°**)**€ -7653 Feb 15 i 04:33 0°궁 0°≈ -7658 May 20 j 10:04 $0^{\circ}\Upsilon$ -7653 Mar 18 j 18:21 -7658 Jun 20 j 03:50 0°8 max. Earth dist. -7653 Mar 19 i 20:40 1°≈02'21 1.01939 AU -7658 Jul 20 j 07:05 $0^{\circ}II$ -7653 Apr 19 j 08:24 0°\ 0ಂತಾ -7653 May 20 j 15:03 $0^{\circ}\Upsilon$ -7658 Aug 18 j 22:00 -7658 Sep 17 j 01:13 -7653 Jun 20 j 08:52 29°548'06 0.98061 AU 0°8 min Earth dist $0^{\circ}\Omega$ -7653 Jul 20 j 12:10 -7658 Sep 17 j 05:52 $0^{\circ}\Pi$ 0° M -7658 Oct 16 j 13:31 -7653 Aug 19 j 03:08 0°9 -7658 Nov 15 j 03:56 0∘ଫ min. Earth dist. -7653 Sep 17 j 08:04 29°552'33 0.98057 AU 0°M -7653 Sep 17 j 10:59 0° Ω -7658 Dec 15 j 06:26 0°**∡** 0° m -7657 Jan 14 j 23:25 -7653 Oct 16 j 18:37 0°궁 -7657 Feb 15 j 05:24 -7653 Nov 15 j 08:58 0∘ଫ -7657 Mar 18 j 19:10 0°≈ -7653 Dec 15 j 11:26 0°M 0°≈34'59 1.01945 AU max. Earth dist. -7657 Mar 19 j 09:55 -7652 Jan 15 j 04:24 0°**⊼** -7657 Apr 19 j 09:11 0°**₩** -7652 Feb 15 j 10:24 0°궁 $0^{\circ} \Upsilon$ -7657 May 20 j 15:49 -7652 Mar 18 j 00:13 0°≈ -7657 Jun 20 j 09:37 0°8 max. Earth dist. -7652 Mar 19 j 14:06 1°≈29'49 1.01947 AU

-7652 Apr 18 j 14:17

-7652 May 19 j 20:54

-7652 Jun 19 j 14:41

-7652 Jul 19 j 17:56

0°**)**€

 $0^{\circ}\Upsilon$

0°8

 $\Pi^{\circ}0$

-7657 Jul 20 j 12:53

-7657 Aug 19 j 03:47

-7657 Sep 17 j 11:36

-7657 Sep 19 j 10:05

min. Earth dist.

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0 \circ \odot

1°**Ω**59'07 0.98057 AU

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 27 Attention, astronomical year style is used: The year -7652 in astronomical counting style is the year 7653 BCE in historical counting style. -7652 Aug 18 j 08:50 0ಂತಾ -7647 May 20 j 02:03 $0^{\circ}\Upsilon$ -7652 Sep 16 j 16:38 $0^{\circ}\Omega$ -7647 Jun 19 j 19:54 0°X -7652 Sep 18 j 02:22 -7647 Jul 19 j 23:13 $\Pi^{\circ}0$ min Earth dist 1°**Ω**26'28 0.98059 AU -7652 Oct 16 j 00:16 0° mb -7647 Aug 18 j 14:11 0ംഉ -7652 Nov 14 j 14:39 0∘**⊽** -7647 Sep 16 j 22:01 0° Ω -7652 Dec 14 j 17:09 0° M min. Earth dist. -7647 Sep 17 j 05:47 0°**Ω**19'53 0.98060 AU -7651 Jan 14 j 10:09 0°**∡**¹ -7647 Oct 16 j 05:38 0° m -7651 Feb 14 j 16:10 0°ಕ -7647 Nov 14 j 19:58 0∘ಹ 29°る43'12 1.01946 AU 0° M max. Earth dist. -7651 Mar 17 j 22:56 -7647 Dec 14 j 22:24 -7651 Mar 18 j 06:01 0°≈ -7646 Jan 14 j 15:21 0°**∡**7 -7651 Apr 18 j 20:06 0°**)**€ -7646 Feb 14 j 21:19 0°정 $0^{\circ}\Upsilon$ -7651 May 20 j 02:46 -7646 Mar 18 j 11:07 0°≈ -7651 Jun 19 j 20:34 0° 8 max. Earth dist. -7646 Mar 18 j 19:23 0°≈19'35 1.01946 AU -7651 Jul 19 j 23:49 $0^{\circ}II$ -7646 Apr 19 j 01:11 0°**)**€ -7651 Aug 18 j 14:42 0ಂತಾ -7646 May 20 j 07:51 $0^{\circ}\Upsilon$ -7651 Sep 16 j 22:29 $0^{\circ}\Omega$ -7646 Jun 20 j 01:42 0°8 min. Earth dist. -7651 Sep 18 j 00:05 1°**Ω**05'36 0.98053 AU -7646 Jul 20 j 05:01 $\Pi^{\circ}0$ -7651 Oct 16 j 06:05 0° m -7646 Aug 18 j 20:00 0ಂತಾ -7651 Nov 14 j 20:29 0∘**⊽** -7646 Sep 17 j 03:52 $0^{\circ}\Omega$ -7651 Dec 14 j 23:01 $0^{\circ}M$ min. Earth dist. -7646 Sep 19 j 04:38 2°**Ω**04'55 0.98058 AU -7650 Jan 14 j 16:01 0° ×7 -7646 Oct 16 j 11:30 0° m -7650 Feb 14 j 22:02 0°궁 -7646 Nov 15 i 01:49 0∘**⊽** -7650 Mar 18 j 11:51 0°≈ -7646 Dec 15 i 04:13 $0^{\circ}M$ max. Earth dist. -7650 Mar 20 j 12:03 1°≈54'14 1.01941 AU -7645 Jan 14 i 21:06 0°×7 -7650 Apr 19 j 01:54 0°**)**€ -7645 Feb 15 j 03:02 0°궁 -7650 May 20 j 08:33 $0^{\circ}\Upsilon$ -7645 Mar 18 j 16:49 0°≈≈ -7650 Jun 20 j 02:23 0°8 -7645 Mar 19 j 15:34 max Earth dist 0°≈53'55 1.01940 AU -7650 Jul 20 j 05:40 0°П -7645 Apr 19 j 06:56 0° H $0^{\circ}\Upsilon$ -7650 Aug 18 j 20:35 0.00 -7645 May 20 j 13:41 -7645 Jun 20 j 07:37 0° 8 -7650 Sep 16 j 21:56 min. Earth dist. 29°543'25 0.98057 AU -7650 Sep 17 j 04:24 $0 {\circ} \Omega$ -7645 Jul 20 j 10:59 Π $^{\circ}0$ -7650 Oct 16 j 12:01 0° M -7645 Aug 19 j 01:59 0ಂತಾ -7650 Nov 15 j 02:24 0∘**⊽** -7645 Sep 17 j 09:50 $0^{\circ}\Omega$ -7645 Sep 17 j 13:02 -7650 Dec 15 j 04:53 0°M min. Earth dist. 0°**Ω**08'13 0.98056 AU -7649 Jan 14 j 21:52 0°**∡** -7645 Oct 16 j 17:27 0° m -7649 Feb 15 j 03:51 0°궁 -7645 Nov 15 j 07:47 0∘ଫ -7649 Mar 18 j 17:37 0°≈ -7645 Dec 15 j 10:12 0°M max. Earth dist. -7649 Mar 19 j 17:34 0°≈56'50 1.01946 AU -7644 Jan 15 j 03:05 0°**⊼** -7649 Apr 19 j 07:38 0°**)**€ -7644 Feb 15 j 09:01 0°ರ -7649 May 20 j 14:18 $0^{\circ}\Upsilon$ -7644 Mar 17 j 22:48 0°≈ -7649 Jun 20 j 08:10 0° 8 max. Earth dist. -7644 Mar 20 j 00:17 1°≈57'21 1.01945 AU -7649 Jul 20 j 11:29 $\mathbb{I}^{\circ 0}$ -7644 Apr 18 j 12:53 -7649 Aug 19 j 02:25 0ಂತಾ -7644 May 19 j 19:35 $0^{\circ}\Upsilon$ 0°8 -7649 Sep 17 j 10:11 -7644 Jun 19 j 13:30 0° Ω -7649 Sep 19 j 11:39 2°**Ω**06'47 0.98054 AU -7644 Jul 19 j 16:51 min. Earth dist. $0^{\circ}\Pi$ -7649 Oct 16 i 17:44 0° m -7644 Aug 18 i 07:48 0ಂತ -7649 Nov 15 i 08:02 0∘**⊽** -7644 Sep 16 i 15:36 $0^{\circ}\Omega$ -7649 Dec 15 i 10:29 0°M min. Earth dist. -7644 Sep 17 i 19:00 1°Ω10'14 0.98058 AU -7648 Jan 15 i 03:27 0°**∡**¹ -7644 Oct 15 j 23:12 0° m -7648 Feb 15 j 09:29 0°궁 -7644 Nov 14 j 13:32 0∘Ω -7648 Mar 17 j 23:20 -7644 Dec 14 j 15:59 0°M 0°≈≈ 29°る56'57 1.01944 AU 0°×7 max Earth dist -7648 Mar 17 j 22:03 -7643 Jan 14 j 08:56 -7648 Apr 18 j 13:27 0°**₩** -7643 Feb 14 j 14:54 0°중 $0^{\circ}\Upsilon$ -7648 May 19 j 20:10 max. Earth dist. -7643 Mar 18 j 03:47 29°る57'50 1.01944 AU -7648 Jun 19 j 14:05 0° 8 -7643 Mar 18 j 04:41 0°22 -7648 Jul 19 j 17:26 $0^{\circ}II$ 0°**)**€ -7643 Apr 18 j 18:45 0ಂತಾ $0^{\circ}\Upsilon$ -7648 Aug 18 j 08:23 -7643 May 20 j 01:27 $0^{\circ}\Omega$ -7643 Jun 19 j 19:22 -7648 Sep 16 j 16:10 0°8 -7643 Jul 19 j 22:43 $0^{\circ}\Pi$ min. Earth dist. -7648 Sep 17 j 08:13 0°**Ω**41'09 0.98050 AU -7648 Oct 15 j 23:42 0° m -7643 Aug 18 j 13:41 0ಂತಾ -7648 Nov 14 j 14:00 0∘**⊽** -7643 Sep 16 j 21:30 0 $^{\circ}$ Ω -7648 Dec 14 j 16:25 $0^{\circ}M$ min. Earth dist. -7643 Sep 18 j 10:12 1°**Ω**33'59 0.98054 AU -7647 Jan 14 j 09:24 0°⊀ -7643 Oct 16 j 05:06 0° m -7647 Feb 14 j 15:26 0°궁 -7643 Nov 14 j 19:26 0∘**⊽** -7647 Mar 18 j 05:18 0°≈ -7643 Dec 14 j 21:53 0°M max. Earth dist. 2°≈01'35 1.01945 AU -7642 Jan 14 j 14:50 0°**∡**7 -7647 Mar 20 j 08:36

-7647 Apr 18 j 19:23

0°**)**€

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| Attention, astronomi | | - | n astronomicai cou | nting style is the year | 7643 BCE in historical co | | |
| F 4 F | -7642 Mar 18 j 10:35 | 0°≈ | 1 01020 177 | | -7638 Dec 15 j 02:58 | 0° M . | |
| max. Earth dist. | -7642 Mar 20 j 05:12 | | 1.01938 AU | | -7637 Jan 14 j 19:50 | 0° ∡ ¹ | |
| | -7642 Apr 19 j 00:38 | 0° ∀ | | | -7637 Feb 15 j 01:44 | 0°ප | |
| | -7642 May 20 j 07:18 | 0° Υ | | | -7637 Mar 18 j 15:31 | 0° ≈ | |
| | -7642 Jun 20 j 01:11 | 9° 8 | | max. Earth dist. | -7637 Mar 19 j 06:27 | 0° ≈ 35'22 | 1.01941 AU |
| | -7642 Jul 20 j 04:34 | Π $^{\circ}0$ | | | -7637 Apr 19 j 05:38 | 0° ∀ | |
| | -7642 Aug 18 j 19:36 | 0 \circ ∞ | | | -7637 May 20 j 12:25 | 0 ° Υ | |
| min. Earth dist. | -7642 Sep 17 j 02:56 | 29° © 58'38 | 0.98059 AU | | -7637 Jun 20 j 06:26 | $8^{\circ 0}$ | |
| | -7642 Sep 17 j 03:28 | \mathfrak{N}° | | | -7637 Jul 20 j 09:53 | $\Pi^{\circ}0$ | |
| | -7642 Oct 16 j 11:06 | 0° m | | | -7637 Aug 19 j 00:54 | 0°€ | |
| | -7642 Nov 15 j 01:25 | 0∘ ⊽ | | | -7637 Sep 17 j 08:44 | $0^{\circ}\Omega$ | |
| | -7642 Dec 15 j 03:50 | 0°M | | min. Earth dist. | -7637 Sep 17 j 21:30 | 0° £ 32'44 | 0.98052 AU |
| | -7641 Jan 14 j 20:45 | 0° ⊼ ¹ | | min. Burun dibu | -7637 Oct 16 j 16:16 | 0° m) | 0.90002110 |
| | -7641 Feb 15 j 02:41 | 0°ਤ | | | -7637 Nov 15 j 06:30 | 0∘ ಹ ೧.ឃ | |
| | - | 0°≈ | | | • | 0° ™ | |
| E d E d | -7641 Mar 18 j 16:26 | | 1.01044.411 | | -7637 Dec 15 j 08:50 | | |
| max. Earth dist. | -7641 Mar 20 j 01:07 | 1°≈17'30 | 1.01944 AU | | -7636 Jan 15 j 01:41 | 0° ∡ ¹ | |
| | -7641 Apr 19 j 06:28 | 0° ∀ | | | -7636 Feb 15 j 07:36 | 0°ප | |
| | -7641 May 20 j 13:07 | 0 ° $\mathbf{\gamma}$ | | | -7636 Mar 17 j 21:24 | 0° ≈ | |
| | -7641 Jun 20 j 07:00 | 8° 0 | | max. Earth dist. | -7636 Mar 20 j 05:20 | 2°≈12'34 | 1.01946 AU |
| | -7641 Jul 20 j 10:23 | Π $^{\circ}0$ | | | -7636 Apr 18 j 11:31 | 0° ℋ | |
| | -7641 Aug 19 j 01:22 | 0 \circ \odot | | | -7636 May 19 j 18:16 | 0 ° Υ | |
| | -7641 Sep 17 j 09:13 | $0^{\circ}\Omega$ | | | -7636 Jun 19 j 12:15 | $B_{\circ 0}$ | |
| min. Earth dist. | -7641 Sep 19 j 11:12 | 2° Ω 08'07 | 0.98058 AU | | -7636 Jul 19 j 15:40 | $\Pi^{\circ}0$ | |
| | -7641 Oct 16 j 16:48 | 0° m | | | -7636 Aug 18 j 06:41 | 0°ಅ | |
| | -7641 Nov 15 j 07:05 | 0∘ ⊽ | | | -7636 Sep 16 j 14:30 | 0°N | |
| | -7641 Dec 15 j 09:28 | 0° M ₊ | | min. Earth dist. | -7636 Sep 17 j 14:23 | 1° Ω 01'12 | 0.98058 AU |
| | - | 0° ⊼ 7 | | min. Earm dist. | | | 0.98038 AU |
| | -7640 Jan 15 j 02:21 | | | | -7636 Oct 15 j 22:03 | 0° m/y | |
| | -7640 Feb 15 j 08:19 | 5°0 | | | -7636 Nov 14 j 12:17 | 0∘ 亚 | |
| | -7640 Mar 17 j 22:09 | 0° ≈ | | | -7636 Dec 14 j 14:38 | 0° M ₊ | |
| max. Earth dist. | -7640 Mar 17 j 20:45 | 29° る 56'40 | 1.01945 AU | | -7635 Jan 14 j 07:29 | 0° ∡ ¹ | |
| | -7640 Apr 18 j 12:17 | 0° ∀ | | | -7635 Feb 14 j 13:24 | 0°ಕ | |
| | -7640 May 19 j 19:01 | 0° Y | | max. Earth dist. | -7635 Mar 18 j 09:38 | 0° ≈ 15′14 | 1.01947 AU |
| | -7640 Jun 19 j 12:57 | 8° 0 | | | -7635 Mar 18 j 03:12 | 0° ≈ | |
| | -7640 Jul 19 j 16:18 | Π $^{\circ}0$ | | | -7635 Apr 18 j 17:19 | 0° ∀ | |
| | -7640 Aug 18 j 07:16 | 0°€ | | | -7635 May 20 j 00:03 | $0^{\circ}\Upsilon$ | |
| | -7640 Sep 16 j 15:05 | $0^{\circ}\Omega$ | | | -7635 Jun 19 j 18:01 | 0°8 | |
| min. Earth dist. | -7640 Sep 17 j 14:43 | _ | 0.98053 AU | | -7635 Jul 19 j 21:26 | 0°II | |
| min. Burm uist. | -7640 Oct 15 j 22:40 | 0° mp | 0.70003110 | | -7635 Aug 18 j 12:28 | 0 ಲ | |
| | -7640 Nov 14 j 12:58 | 0° ت م اللا | | | -7635 Sep 16 j 20:20 | 0°Ω | |
| | | | | i. Fauth diat | 1 3 | | 0.0005C ATT |
| | -7640 Dec 14 j 15:23 | 0°M | | min. Earth dist. | -7635 Sep 18 j 19:07 | 1° Ω 59'51 | 0.98056 AU |
| | -7639 Jan 14 j 08:18 | 0° ∡ 7 | | | -7635 Oct 16 j 03:55 | 0° m/ | |
| | -7639 Feb 14 j 14:16 | 0° ට | | | -7635 Nov 14 j 18:11 | 0∘ ರ | |
| | -7639 Mar 18 j 04:07 | 0° ≈ | | | -7635 Dec 14 j 20:31 | 0°M₊ | |
| max. Earth dist. | -7639 Mar 20 j 11:04 | 2°≈10′16 | 1.01944 AU | | -7634 Jan 14 j 13:20 | 0° ∡ ¹ | |
| | -7639 Apr 18 j 18:13 | 0°) € | | | -7634 Feb 14 j 19:13 | 0°₹ | |
| | -7639 May 20 j 00:56 | 0° Y | | | -7634 Mar 18 j 08:58 | 0° ≈ | |
| | -7639 Jun 19 j 18:49 | 8° 0 | | max. Earth dist. | -7634 Mar 19 j 23:04 | 1° ≈ 30'15 | 1.01939 AU |
| | -7639 Jul 19 j 22:09 | Π $^{\circ}0$ | | | -7634 Apr 18 j 23:04 | 0° ∀ | |
| | -7639 Aug 18 j 13:06 | 0∘ হ ಾ | | | -7634 May 20 j 05:49 | 0° Υ | |
| | -7639 Sep 16 j 20:55 | $0^{\circ}\Omega$ | | | -7634 Jun 19 j 23:47 | 0°8 | |
| min. Earth dist. | -7639 Sep 16 j 21:27 | | 0.98058 AU | | -7634 Jul 20 j 03:13 | 0°II | |
| min. Burm uist. | -7639 Oct 16 j 04:31 | 0° mp | 0.50000110 | | -7634 Aug 18 j 18:18 | 0ංම _ | |
| | -7639 Nov 14 j 18:51 | 0° ت م اللا | | min. Earth dist. | -7634 Sep 17 j 06:33 | 0°Ω11'08 | 0.98060 AU |
| | · | | | min. Earm dist. | | | 0.98000 AU |
| | -7639 Dec 14 j 21:17 | 0°M | | | -7634 Sep 17 j 02:12 | Ω° | |
| | -7638 Jan 14 j 14:12 | 0° ∡ | | | -7634 Oct 16 j 09:51 | 0° m/y | |
| | -7638 Feb 14 j 20:08 | 0°ප | | | -7634 Nov 15 j 00:08 | 0∘ ⊽ | |
| | -7638 Mar 18 j 09:54 | 0° ≈ | | | -7634 Dec 15 j 02:29 | 0°M₊ | |
| max. Earth dist. | -7638 Mar 19 j 04:31 | 0° ≈ 44'08 | 1.01947 AU | | -7633 Jan 14 j 19:16 | 0° ∡ ¹ | |
| | -7638 Apr 18 j 23:58 | 0° ∀ | | | -7633 Feb 15 j 01:06 | 0°る | |
| | -7638 May 20 j 06:41 | $0^{\circ}\mathbf{\Upsilon}$ | | | -7633 Mar 18 j 14:48 | 0° ≈ | |
| | -7638 Jun 20 j 00:36 | 9° 8 | | max. Earth dist. | -7633 Mar 20 j 12:20 | 1° ≈ 47'58 | 1.01943 AU |
| | -7638 Jul 20 j 03:57 | 0° I I | | | -7633 Apr 19 j 04:51 | 0°) € | |
| | -7638 Aug 18 j 18:56 | 0°ಲಾ | | | -7633 May 20 j 11:36 | $0^{\circ}\Upsilon$ | |
| | -7638 Sep 17 j 02:45 | 0°N | | | -7633 Jun 20 j 05:35 | 0°8 | |
| min. Earth dist. | -7638 Sep 19 j 06:56 | _ | 0.98056 AU | | -7633 Jul 20 j 09:02 | 0°II | |
| Zartii dist. | -7638 Oct 16 j 10:20 | 0° m | 3.70000110 | | -7633 Aug 19 j 00:04 | 0ංම 0 ස | |
| | - | 0∘ ত میاآل | | | | 0°€ 0°€ | |
| | -7638 Nov 15 j 00:36 | · == | | | -7633 Sep 17 j 07:56 | 0 06 | |

| • | | | • | · · | J 10-FEU-2U23 14.21 r 7624 PCE in historical ac | | 29 |
|---------------------|--|-------------------------|-------------|--------------------------|--|-------------------------------|-------------|
| | | - | 0.98060 AU | inting style is the year | r 7634 BCE in historical co | ounting style. 0° Ⅱ | |
| min. Earth dist. | -7633 Sep 19 j 05:30 -7633 Oct 16 j 15:31 | 0°M) | 0.98000 AU | | -7628 Jul 19 j 14:17 -7628 Aug 18 j 05:18 | 0°© | |
| | -7633 Nov 15 j 05:47 | 0∘ ऌ ० ॥५ | | | -7628 Sep 16 j 13:09 | 0°Ω 0 €3 | |
| | -7633 Dec 15 j 08:07 | 0° m . | | min. Earth dist. | -7628 Sep 17 j 02:49 | 0° Ω 35'03 | 0.98059 AU |
| | -7632 Jan 15 j 00:55 | 0° ⊼ ¹ | | iiiii. Eartii dist. | -7628 Oct 15 j 20:44 | 0° m) | 0.98039 AU |
| | -7632 Feb 15 j 06:47 | 0°ਤ | | | -7628 Nov 14 j 10:59 | 0∘ ত الأس | |
| | -7632 Mar 17 j 20:32 | 0°≈ | | | -7628 Dec 14 j 13:19 | 0° ™ | |
| max. Earth dist. | -7632 Mar 18 j 00:58 | 0°≈10'31 | 1.01943 AU | | -7627 Jan 14 j 06:09 | 0° ⊼ 7 | |
| max. Earth dist. | -7632 Apr 18 j 10:38 | 0° ∺ | 1.01943 AU | | -7627 Feb 14 j 12:02 | 0°ਤ ਹ × | |
| | -7632 May 19 j 17:25 | 0° Υ | | | -7627 Mar 18 j 01:49 | 0°≈ | |
| | -7632 Jun 19 j 11:27 | 0°8 | | max. Earth dist. | -7627 Mar 18 j 16:51 | 0°≈35'39 | 1.01948 AU |
| | -7632 Jul 19 j 14:55 | 0°II | | max. Earth dist. | -7627 Apr 18 j 15:57 | 0° ∺ | 1.01946 AU |
| | -7632 Aug 18 j 05:57 | 0ಂ ತಾ | | | -7627 May 19 j 22:45 | 0° Υ | |
| | -7632 Sep 16 j 13:47 | 0°Ω | | | -7627 Jun 19 j 16:44 | 0°8 | |
| min. Earth dist. | -7632 Sep 17 j 23:12 | 1° Ω 25'37 | 0.98053 AU | | -7627 Jul 19 j 20:10 | 0°II | |
| iiiii. Eartii tist. | -7632 Sep 17 j 23:12 -7632 Oct 15 j 21:20 | 0°m) | 0.96033 AU | | -7627 Aug 18 j 11:11 | 0°© | |
| | · | 0∘ ত رااا | | | • • | 0°€0 | |
| | -7632 Nov 14 j 11:36 | | | in Frank diet | -7627 Sep 16 j 19:00 | | 0.00054.411 |
| | -7632 Dec 14 j 13:57 | 0°M | | min. Earth dist. | -7627 Sep 18 j 21:34 | 2° Ω 09'31 | 0.98054 AU |
| | -7631 Jan 14 j 06:49 | 7×°0 5°0 | | | -7627 Oct 16 j 02:34 | 0° m) | |
| | -7631 Feb 14 j 12:44 | | | | -7627 Nov 14 j 16:50 | 0∘ m | |
| E d E d | -7631 Mar 18 j 02:30 | 0°≈ | 1.01040.411 | | -7627 Dec 14 j 19:10 | 0°M 0°. ₹ | |
| max. Earth dist. | -7631 Mar 20 j 09:54 | 2°≈11'17 | 1.01940 AU | | -7626 Jan 14 j 11:59 | 0° ⊼ | |
| | -7631 Apr 18 j 16:35 | 0°) € | | | -7626 Feb 14 j 17:50 | 5°0 | |
| | -7631 May 19 j 23:19 | 0°Υ | | F 4 F 4 | -7626 Mar 18 j 07:36 | 0° ≈ | 1 01040 411 |
| | -7631 Jun 19 j 17:17 | 0°B | | max. Earth dist. | -7626 Mar 19 j 12:26 | 1°≈08'20 | 1.01940 AU |
| | -7631 Jul 19 j 20:43 | 0° I | | | -7626 Apr 18 j 21:43 | 0° \ | |
| | -7631 Aug 18 j 11:46 | 0°9 | | | -7626 May 20 j 04:32 | 0° Υ | |
| | -7631 Sep 16 j 19:38 | 0° N | 0.00050.477 | | -7626 Jun 19 j 22:35 | 0° B | |
| min. Earth dist. | -7631 Sep 16 j 22:16 | 0° Ω 06'44 | 0.98059 AU | | -7626 Jul 20 j 02:04 | 0°П | |
| | -7631 Oct 16 j 03:14 | 0° mp | | | -7626 Aug 18 j 17:07 | 0°95 | |
| | -7631 Nov 14 j 17:31 | 0° ⊡ | | min. Earth dist. | -7626 Sep 17 j 10:45 | 0° Ω 25'01 | 0.98054 AU |
| | -7631 Dec 14 j 19:53 | 0°M | | | -7626 Sep 17 j 00:59 | 0° Ω | |
| | -7630 Jan 14 j 12:45 | 0° ⊀ ⁷ | | | -7626 Oct 16 j 08:33 | 0° m) | |
| | -7630 Feb 14 j 18:39 | 0°ප | | | -7626 Nov 14 j 22:47 | 0∘ ⊽ | |
| | -7630 Mar 18 j 08:22 | 0° ≈ | | | -7626 Dec 15 j 01:05 | 0° M | |
| max. Earth dist. | -7630 Mar 19 j 11:45 | 1°≈04'55 | 1.01944 AU | | -7625 Jan 14 j 17:53 | 0° ∡ ¹ | |
| | -7630 Apr 18 j 22:24 | 0° ℋ | | | -7625 Feb 14 j 23:44 | 0°ಕ | |
| | -7630 May 20 j 05:06 | 0° Υ | | | -7625 Mar 18 j 13:29 | 0° ≈ | |
| | -7630 Jun 19 j 23:03 | 0°8 | | max. Earth dist. | -7625 Mar 20 j 18:54 | 2°≈06'41 | 1.01945 AU |
| | -7630 Jul 20 j 02:30 | 0° I I | | | -7625 Apr 19 j 03:34 | 0° ∀ | |
| | -7630 Aug 18 j 17:34 | 0₀ © | | | -7625 May 20 j 10:23 | 0° Υ | |
| | -7630 Sep 17 j 01:28 | 0 ° Ω | | | -7625 Jun 20 j 04:27 | $_{0\circ}$ 8 | |
| min. Earth dist. | -7630 Sep 19 j 10:30 | 2° Ω 26′09 | 0.98060 AU | | -7625 Jul 20 j 07:58 | 0°Щ | |
| | -7630 Oct 16 j 09:04 | 0° m/y | | | -7625 Aug 18 j 23:03 | 0°99 | |
| | -7630 Nov 14 j 23:18 | 0∘ ⊽ | | | -7625 Sep 17 j 06:52 | 0 ° Ω | |
| | -7630 Dec 15 j 01:36 | 0°M | | min. Earth dist. | -7625 Sep 18 j 24:00 | 1° Ω 45′25 | 0.98056 AU |
| | -7629 Jan 14 j 18:23 | 0° ∡ | | | -7625 Oct 16 j 14:23 | 0° m y | |
| | -7629 Feb 15 j 00:15 | 0°ප | | | -7625 Nov 15 j 04:33 | 0∘ ⊽ | |
| | -7629 Mar 18 j 14:01 | 0° ≈ | | | -7625 Dec 15 j 06:47 | 0° M ₊ | |
| max. Earth dist. | -7629 Mar 18 j 22:15 | 0°≈19'31 | 1.01940 AU | | -7624 Jan 14 j 23:34 | 0° ∡ | |
| | -7629 Apr 19 j 04:07 | 0° ∀ | | | -7624 Feb 15 j 05:25 | 0° ප | |
| | -7629 May 20 j 10:54 | 0° Υ | | | -7624 Mar 17 j 19:12 | 0° ≈ | |
| | -7629 Jun 20 j 04:55 | 0°8 | | max. Earth dist. | -7624 Mar 18 j 03:56 | 0° ≈ 20'41 | 1.01948 AU |
| | -7629 Jul 20 j 08:24 | Π °0 | | | -7624 Apr 18 j 09:21 | 0° ∀ | |
| | -7629 Aug 18 j 23:29 | 0ಂತಾ | | | -7624 May 19 j 16:13 | $0^{\circ}\Upsilon$ | |
| | -7629 Sep 17 j 07:22 | 0 ° Ω | | | -7624 Jun 19 j 10:19 | 0°B | |
| min. Earth dist. | -7629 Sep 18 j 04:49 | 0° Ω 54'56 | 0.98055 AU | | -7624 Jul 19 j 13:51 | $\Pi^{\circ}0$ | |
| | -7629 Oct 16 j 14:57 | 0° ™ | | | -7624 Aug 18 j 04:57 | 0 \circ \odot | |
| | -7629 Nov 15 j 05:11 | 0∘ ⊽ | | | -7624 Sep 16 j 12:47 | $0^{\circ}\Omega$ | |
| | -7629 Dec 15 j 07:29 | 0° M | | min. Earth dist. | -7624 Sep 18 j 09:37 | 1° Ω 54'51 | 0.98051 AU |
| | -7628 Jan 15 j 00:17 | 0° ∡ ¹ | | | -7624 Oct 15 j 20:18 | 0° ™ | |
| | -7628 Feb 15 j 06:10 | 5°0 | | | -7624 Nov 14 j 10:27 | 0∘ ত | |
| | -7628 Mar 17 j 19:58 | 0° ≈ | | | -7624 Dec 14 j 12:41 | 0° M | |
| max. Earth dist. | -7628 Mar 20 j 08:25 | 2° ≈ 23'18 | 1.01945 AU | | -7623 Jan 14 j 05:27 | 0° ∡ ¹ | |
| | -7628 Apr 18 j 10:06 | 0° ∀ | | | -7623 Feb 14 j 11:20 | ರ∘ರ | |
| | -7628 May 19 j 16:53 | $0^{\circ}\Upsilon$ | | | -7623 Mar 18 j 01:09 | 0° ≈ | |
| | -7628 Jun 19 j 10:51 | 9° 8 | | max. Earth dist. | -7623 Mar 20 j 05:42 | 2° ≈ 04'32 | 1.01943 AU |
| | | | | | | | |

| • | inel year style is used. The | | • | ′ ′ | | | 30 |
|----------------------|------------------------------|-------------------------|--------------------|-------------------------|----------------------|------------------------|--------------|
| Attention, astronom | ical year style is used: The | - | n astronomicai cou | nting style is the year | | | |
| | -7623 Apr 18 j 15:18 | 0°) € | | | -7618 Feb 14 j 16:36 | 0°ප | |
| | -7623 May 19 j 22:07 | 0° Υ | | | -7618 Mar 18 j 06:18 | 0° ≈ | |
| | -7623 Jun 19 j 16:10 | 0°B | | max. Earth dist. | -7618 Mar 19 j 01:57 | 0°≈46'35 | 1.01936 AU |
| | -7623 Jul 19 j 19:41 | Π °0 | | | -7618 Apr 18 j 20:22 | 0° ∀ | |
| | -7623 Aug 18 j 10:47 | 0 \circ \odot | | | -7618 May 20 j 03:10 | 0° Υ | |
| | -7623 Sep 16 j 18:42 | $0^{\circ}\Omega$ | | | -7618 Jun 19 j 21:14 | 9° 8 | |
| min. Earth dist. | -7623 Sep 17 j 01:46 | 0° Ω 18′08 | 0.98058 AU | | -7618 Jul 20 j 00:48 | Π $^{\circ}0$ | |
| | -7623 Oct 16 j 02:17 | 0° m ∕ | | | -7618 Aug 18 j 15:58 | 0 \circ \odot | |
| | -7623 Nov 14 j 16:30 | 0∘ ত | | | -7618 Sep 16 j 23:54 | $0^{\circ}\Omega$ | |
| | -7623 Dec 14 j 18:45 | 0°M | | min. Earth dist. | -7618 Sep 17 j 18:43 | 0° Ω 48'12 | 0.98058 AU |
| | -7622 Jan 14 j 11:29 | 0° ∡ ¹ | | | -7618 Oct 16 j 07:30 | 0° m | |
| | -7622 Feb 14 j 17:18 | ರ∘ರ | | | -7618 Nov 14 j 21:43 | 0∘ <u>⊽</u> | |
| | -7622 Mar 18 j 07:02 | 0° ≈ | | | -7618 Dec 14 j 23:57 | 0°M₊ | |
| max. Earth dist. | -7622 Mar 19 j 23:02 | 1°≈34'52 | 1.01946 AU | | -7617 Jan 14 j 16:41 | 0° ∡ 7 | |
| max. Lartii dist. | -7622 Apr 18 j 21:08 | 0° ∀ | 1.01740710 | | -7617 Feb 14 j 22:28 | ∞ੰਤ | |
| | -7622 May 20 j 03:56 | 0° Υ | | | -7617 Mar 18 j 12:11 | 0° ≈ | |
| | • • | | | Easth diet | | | 1 01042 ATT |
| | -7622 Jun 19 j 21:58 | 0° 8 | | max. Earth dist. | -7617 Mar 20 j 23:54 | 2°≈21'37 | 1.01942 AU |
| | -7622 Jul 20 j 01:29 | 0° I | | | -7617 Apr 19 j 02:15 | 0°) € | |
| | -7622 Aug 18 j 16:36 | 0ංම | | | -7617 May 20 j 09:02 | 0°Υ | |
| | -7622 Sep 17 j 00:32 | 0 \circ Ω | | | -7617 Jun 20 j 03:06 | 0°8 | |
| min. Earth dist. | -7622 Sep 19 j 10:25 | 2° Ω 28′22 | 0.98061 AU | | -7617 Jul 20 j 06:39 | Π $^{\circ}0$ | |
| | -7622 Oct 16 j 08:08 | 0° ™ | | | -7617 Aug 18 j 21:46 | 0 \circ \odot | |
| | -7622 Nov 14 j 22:20 | 0∘ ত | | | -7617 Sep 17 j 05:40 | $0^{\circ}\Omega$ | |
| | -7622 Dec 15 j 00:32 | 0° M | | min. Earth dist. | -7617 Sep 18 j 12:35 | 1° Ω 19'17 | 0.98061 AU |
| | -7621 Jan 14 j 17:12 | 0° ∡ ¹ | | | -7617 Oct 16 j 13:13 | 0° ™ | |
| | -7621 Feb 14 j 22:57 | 0°ರ | | | -7617 Nov 15 j 03:24 | 0∘ ⊽ | |
| | -7621 Mar 18 j 12:40 | 0° ≈ | | | -7617 Dec 15 j 05:37 | 0°M₊ | |
| max. Earth dist. | -7621 Mar 19 j 00:45 | 0° ≈ 28'39 | 1.01941 AU | | -7616 Jan 14 j 22:19 | 0° ∡ ¹ | |
| | -7621 Apr 19 j 02:47 | 0°) € | | | -7616 Feb 15 j 04:07 | 0° ට | |
| | -7621 May 20 j 09:40 | 0° Y | | | -7616 Mar 17 j 17:52 | 0° ≈ | |
| | -7621 Jun 20 j 03:48 | 0°8 | | max. Earth dist. | -7616 Mar 18 j 08:48 | 0°≈35'25 | 1.01947 AU |
| | -7621 Jul 20 j 07:23 | 0°II | | man. Darm dist. | -7616 Apr 18 j 08:01 | 0° ∀ | 1.015 17 110 |
| | -7621 Aug 18 j 22:30 | 0 . ಪ | | | -7616 May 19 j 14:52 | 0° Υ | |
| | -7621 Sep 17 j 06:24 | 0° U | | | -7616 Jun 19 j 08:57 | 0°8 | |
| min. Earth dist. | -7621 Sep 18 j 13:23 | 1° Ω 19'20 | 0.98055 AU | | -7616 Jul 19 j 12:28 | 0°II | |
| IIIII. Eartii tiist. | -7621 Sep 16 j 13:23 | 0°M) | 0.98033 AU | | -7616 Aug 18 j 03:33 | 0°© | |
| | · | 0° ت راآا | | | • • | 0° U | |
| | -7621 Nov 15 j 04:11 | | | : E 4 E 4 | -7616 Sep 16 j 11:25 | | 0.00054.411 |
| | -7621 Dec 15 j 06:25 | 0°M | | min. Earth dist. | -7616 Sep 18 j 13:07 | | 0.98054 AU |
| | -7620 Jan 14 j 23:08 | 0° ∡ 7 | | | -7616 Oct 15 j 18:58 | 0° m) | |
| | -7620 Feb 15 j 04:55 | 0°ප | | | -7616 Nov 14 j 09:09 | 0° ™ | |
| | -7620 Mar 17 j 18:38 | 0° ≈ | | | -7616 Dec 14 j 11:23 | 0° M ₊ | |
| max. Earth dist. | -7620 Mar 20 j 13:31 | 2°≈38'32 | 1.01941 AU | | -7615 Jan 14 j 04:07 | 0° ∡ ¹ | |
| | -7620 Apr 18 j 08:46 | 0° ∀ | | | -7615 Feb 14 j 09:58 | 0°ಕ | |
| | -7620 May 19 j 15:37 | 0° Υ | | | -7615 Mar 17 j 23:44 | 0° ≈ | |
| | -7620 Jun 19 j 09:42 | 9° 8 | | max. Earth dist. | -7615 Mar 19 j 20:10 | 1° ≈ 45′19 | 1.01942 AU |
| | -7620 Jul 19 j 13:15 | Π °0 | | | -7615 Apr 18 j 13:53 | 0° ∀ | |
| | -7620 Aug 18 j 04:21 | 0 \circ \odot | | | -7615 May 19 j 20:45 | $0^{\circ}\Upsilon$ | |
| | -7620 Sep 16 j 12:13 | $0^{\circ}\Omega$ | | | -7615 Jun 19 j 14:49 | 9° 8 | |
| min. Earth dist. | -7620 Sep 16 j 23:49 | 0° Ω 29'43 | 0.98059 AU | | -7615 Jul 19 j 18:20 | $\Pi^{\circ}0$ | |
| | -7620 Oct 15 j 19:47 | 0° m) | | | -7615 Aug 18 j 09:24 | 0°€ | |
| | -7620 Nov 14 j 09:59 | 0∘ ⊽ | | | -7615 Sep 16 j 17:16 | $0^{\circ}\Omega$ | |
| | -7620 Dec 14 j 12:16 | 0°M | | min. Earth dist. | -7615 Sep 17 j 01:52 | 0° £ 22′00 | 0.98055 AU |
| | -7619 Jan 14 j 05:02 | 0° ∡ 7 | | | -7615 Oct 16 j 00:50 | 0° m) | |
| | -7619 Feb 14 j 10:50 | ි ව°0 | | | -7615 Nov 14 j 15:02 | 0∘ ಹ ೧.ฬ | |
| | -7619 Mar 18 j 00:32 | 0°≈ | | | -7615 Dec 14 j 17:18 | 0° m . | |
| max. Earth dist. | - | 0 ∞ 0°≈59'12 | 1 01045 ATT | | - | 0° ⊼ ′ | |
| max. Earm dist. | -7619 Mar 19 j 01:30 | | 1.01945 AU | | -7614 Jan 14 j 10:03 | | |
| | -7619 Apr 18 j 14:37 | 0° ∀ | | | -7614 Feb 14 j 15:51 | 0° ප | |
| | -7619 May 19 j 21:25 | 0° Υ | | | -7614 Mar 18 j 05:35 | 0° ≈ | |
| | -7619 Jun 19 j 15:29 | 0°8 | | max. Earth dist. | -7614 Mar 20 j 06:24 | 1°≈55'46 | 1.01946 AU |
| | -7619 Jul 19 j 19:01 | 0° I | | | -7614 Apr 18 j 19:41 | 0°) € | |
| | -7619 Aug 18 j 10:08 | 0ංම | | | -7614 May 20 j 02:32 | 0° Υ | |
| | -7619 Sep 16 j 18:02 | 0 ° Ω | | | -7614 Jun 19 j 20:38 | 0° 8 | |
| min. Earth dist. | -7619 Sep 19 j 04:08 | 2° Ω 28'54 | 0.98058 AU | | -7614 Jul 20 j 00:10 | Π °0 | |
| | -7619 Oct 16 j 01:36 | 0° m | | | -7614 Aug 18 j 15:16 | 0 \circ \odot | |
| | -7619 Nov 14 j 15:48 | 0∘ ⊽ | | | -7614 Sep 16 j 23:08 | 0 ° Ω | |
| | -7619 Dec 14 j 18:04 | 0° M | | min. Earth dist. | -7614 Sep 19 j 04:52 | 2° Ω 17'44 | 0.98057 AU |
| | -7618 Jan 14 j 10:49 | 0° ∡ ¹ | | | -7614 Oct 16 j 06:39 | 0° m∕ | |
| | | | | | | | |

| - | omena of Sun from - | | • | · · | | | 31 |
|---------------------|----------------------|---------------------------------|--------------------|--------------------------|-----------------------------|----------------------------|-------------|
| Attention, astronom | | - | n astronomical cou | inting style is the year | r 7615 BCE in historical co | | |
| | -7614 Nov 14 j 20:48 | 0∘ ⊽ | | | -7609 Sep 17 j 04:28 | 0 \circ Ω | |
| | -7614 Dec 14 j 22:58 | 0°ML | | min. Earth dist. | -7609 Sep 18 j 05:20 | 1° Ω 03'44 | 0.98060 AU |
| | -7613 Jan 14 j 15:38 | 0° ∡ ¹ | | | -7609 Oct 16 j 12:00 | 0° m ∕ | |
| | -7613 Feb 14 j 21:24 | 0°ප | | | -7609 Nov 15 j 02:08 | 0∘ ⊽ | |
| | -7613 Mar 18 j 11:07 | 0° ≈ | | | -7609 Dec 15 j 04:17 | 0°M₊ | |
| max. Earth dist. | -7613 Mar 18 j 23:33 | 0° ≈ 29'28 | 1.01944 AU | | -7608 Jan 14 j 20:55 | 0° ∡ ¹ | |
| | -7613 Apr 19 j 01:17 | 0° ∀ | | | -7608 Feb 15 j 02:37 | 0° ರ | |
| | -7613 May 20 j 08:12 | $0^{\circ}\mathbf{\Upsilon}$ | | | -7608 Mar 17 j 16:18 | 0° ≈ | |
| | -7613 Jun 20 j 02:24 | 0°8 | | max. Earth dist. | -7608 Mar 18 j 17:58 | 1°≈00'52 | 1.01945 AU |
| | -7613 Jul 20 j 06:02 | 0°II | | | -7608 Apr 18 j 06:26 | 0°) € | |
| | -7613 Aug 18 j 21:11 | 0ංම _ | | | -7608 May 19 j 13:22 | 0° Υ | |
| | -7613 Sep 17 j 05:03 | 0°Ω | | | -7608 Jun 19 j 07:34 | 0°8 | |
| min. Earth dist. | -7613 Sep 18 j 23:10 | 1° Ω 47'52 | 0.98051 AU | | -7608 Jul 19 j 11:14 | 0°II | |
| iiiii. Eartii tist. | | | 0.98031 AU | | • | 0°© | |
| | -7613 Oct 16 j 12:32 | 0 ்⊽ 0° ™ | | | -7608 Aug 18 j 02:25 | 0° U | |
| | -7613 Nov 15 j 02:38 | | | : E 4 E 4 | -7608 Sep 16 j 10:19 | | 0.00055 ATT |
| | -7613 Dec 15 j 04:47 | 0° M ○○ 7 | | min. Earth dist. | -7608 Sep 18 j 21:16 | 2° £ 31′02 | 0.98055 AU |
| | -7612 Jan 14 j 21:27 | 0° ∡ ¹ | | | -7608 Oct 15 j 17:50 | 0° m) | |
| | -7612 Feb 15 j 03:14 | 0°ಕ | | | -7608 Nov 14 j 07:58 | 0ಂ ರಾ | |
| | -7612 Mar 17 j 17:01 | 0° ≈ | | | -7608 Dec 14 j 10:08 | 0° M ₊ | |
| max. Earth dist. | -7612 Mar 20 j 10:48 | 2° ≈ 35'55 | 1.01944 AU | | -7607 Jan 14 j 02:48 | 0° ∡ ¹ | |
| | -7612 Apr 18 j 07:12 | 0° ∀ | | | -7607 Feb 14 j 08:33 | 0° ට | |
| | -7612 May 19 j 14:07 | 0 ° Υ | | | -7607 Mar 17 j 22:16 | 0°≈ | |
| | -7612 Jun 19 j 08:17 | 9° 8 | | max. Earth dist. | -7607 Mar 19 j 09:44 | 1° ≈ 24′04 | 1.01938 AU |
| | -7612 Jul 19 j 11:54 | Π° | | | -7607 Apr 18 j 12:23 | 0°) € | |
| | -7612 Aug 18 j 03:03 | 0°€ | | | -7607 May 19 j 19:16 | $0^{\circ}\Upsilon$ | |
| | -7612 Sep 16 j 10:56 | $0^{\circ}\Omega$ | | | -7607 Jun 19 j 13:26 | $0^{\circ}B$ | |
| min. Earth dist. | -7612 Sep 17 j 00:31 | 0° Ω 34'51 | 0.98056 AU | | -7607 Jul 19 j 17:05 | 0°II | |
| mm. Darm Giot. | -7612 Oct 15 j 18:25 | 0° mp | 0.90000110 | | -7607 Aug 18 j 08:17 | 0°® | |
| | -7612 Nov 14 j 08:32 | 0∘ <mark>ಹ</mark> | | | -7607 Sep 16 j 16:13 | $0^{\circ}\Omega$ | |
| | -7612 Dec 14 j 10:41 | 0° m . | | min. Earth dist. | -7607 Sep 17 j 10:19 | 0° Ω 46'21 | 0.98057 AU |
| | - | 0° ⊼ ¹ | | iiiii. Eartii dist. | | 0° m | 0.98037 AU |
| | -7611 Jan 14 j 03:21 | | | | -7607 Oct 15 j 23:47 | | |
| | -7611 Feb 14 j 09:08 | 0°る | | | -7607 Nov 14 j 13:56 | 0° ™ | |
| P. 4. P. | -7611 Mar 17 j 22:53 | 0° ≈ | 1 01040 177 | | -7607 Dec 14 j 16:08 | 0° M ○○ T | |
| max. Earth dist. | -7611 Mar 19 j 10:45 | 1°≈25'02 | 1.01949 AU | | -7606 Jan 14 j 08:48 | 0° ∡ ¹ | |
| | -7611 Apr 18 j 13:02 | 0° ∀ | | | -7606 Feb 14 j 14:33 | 0°ಕ | |
| | -7611 May 19 j 19:55 | 0° Υ | | | -7606 Mar 18 j 04:14 | 0° ≈ | |
| | -7611 Jun 19 j 14:03 | 0° 8 | | max. Earth dist. | -7606 Mar 20 j 13:03 | 2° ≈ 14'43 | 1.01943 AU |
| | -7611 Jul 19 j 17:40 | Π °0 | | | -7606 Apr 18 j 18:19 | 0° ∀ | |
| | -7611 Aug 18 j 08:50 | 0 \circ \odot | | | -7606 May 20 j 01:10 | 0 ° Υ | |
| | -7611 Sep 16 j 16:45 | $0^{\circ}\Omega$ | | | -7606 Jun 19 j 19:18 | 0°8 | |
| min. Earth dist. | -7611 Sep 19 j 07:27 | 2° Ω 40'42 | 0.98058 AU | | -7606 Jul 19 j 22:56 | $\Pi^{\circ}0$ | |
| | -7611 Oct 16 j 00:18 | 0° m) | | | -7606 Aug 18 j 14:09 | 0°© | |
| | -7611 Nov 14 j 14:26 | 0∘ ⊽ | | | -7606 Sep 16 j 22:07 | $0^{\circ}\Omega$ | |
| | -7611 Dec 14 j 16:34 | 0°M₊ | | min. Earth dist. | -7606 Sep 19 j 00:05 | 2° Ω 08'04 | 0.98062 AU |
| | -7610 Jan 14 j 09:11 | 0° ∡ ¹ | | | -7606 Oct 16 j 05:41 | 0° m/y | |
| | -7610 Feb 14 j 14:54 | 0°ප | | | -7606 Nov 14 j 19:48 | 0∘ ⊽ | |
| | -7610 Mar 18 j 04:36 | 0° ≈ | | | -7606 Dec 14 j 21:55 | 0° ™ | |
| max. Earth dist. | -7610 Mar 19 j 00:10 | 0°≈46'25 | 1.01940 AU | | -7605 Jan 14 j 14:30 | 0° ∡ 7 | |
| max. Earm dist. | -7610 Apr 18 j 18:44 | 0° ∺ | 1.01940 AU | | , | 0°ਤ ਹ × | |
| | | | | | -7605 Feb 14 j 20:12 | | |
| | -7610 May 20 j 01:39 | 0° Υ | | F 4 F | -7605 Mar 18 j 09:53 | 0° ≈ | 1 01011 177 |
| | -7610 Jun 19 j 19:49 | 0° 8 | | max. Earth dist. | -7605 Mar 19 j 02:38 | 0° ≈ 39'43 | 1.01944 AU |
| | -7610 Jul 19 j 23:28 | Π °0 | | | -7605 Apr 19 j 00:01 | 0° ₩ | |
| | -7610 Aug 18 j 14:41 | 0 \circ \odot | | | -7605 May 20 j 06:56 | 0 ° Υ | |
| | -7610 Sep 16 j 22:38 | $0^{\circ}\Omega$ | | | -7605 Jun 20 j 01:08 | $0^{\circ}S$ | |
| min. Earth dist. | -7610 Sep 18 j 02:44 | 1° Ω 11'57 | 0.98058 AU | | -7605 Jul 20 j 04:48 | $\Pi^{\circ}0$ | |
| | -7610 Oct 16 j 06:14 | 0° m) | | | -7605 Aug 18 j 20:02 | 0 \circ \odot | |
| | -7610 Nov 14 j 20:23 | 0∘ ত | | | -7605 Sep 17 j 03:58 | $0^{\circ}\Omega$ | |
| | -7610 Dec 14 j 22:32 | 0°M₊ | | min. Earth dist. | -7605 Sep 19 j 06:00 | 2° Ω 08′08 | 0.98056 AU |
| | -7609 Jan 14 j 15:09 | 0° ∡ ¹ | | | -7605 Oct 16 j 11:31 | 0° m) | |
| | -7609 Feb 14 j 20:50 | °ੇਂਤ | | | -7605 Nov 15 j 01:38 | 0∘ ⊽ | |
| | -7609 Mar 18 j 10:30 | 0° ≈ | | | -7605 Dec 15 j 03:45 | 0° m | |
| max. Earth dist. | -7609 Mar 21 j 08:47 | 0 ~ 2° ≈ 46'36 | 1.01941 AU | | -7604 Jan 14 j 20:21 | 0° ⊼ | |
| max. Earth tist. | - | 2°≈46°36 0° ∺ | 1.01741 AU | | · | ਾ xਾ 0° ठ | |
| | -7609 Apr 19 j 00:38 | 0° 1 0° Υ | | | -7604 Feb 15 j 02:05 | | |
| | -7609 May 20 j 07:32 | | | T d T | -7604 Mar 17 j 15:49 | 0°≈ 2°≈ •20!22 | 1.01042.433 |
| | -7609 Jun 20 j 01:44 | 0°B | | max. Earth dist. | -7604 Mar 20 j 06:55 | 2°≈29'32 | 1.01942 AU |
| | -7609 Jul 20 j 05:23 | 0°¶ | | | -7604 Apr 18 j 06:01 | 0° ∀ | |
| | -7609 Aug 18 i 20:34 | 11~0.0 | | | 7607 May 10 : 12:57 | 11~. V' | |

-7604 May 19 j 12:57

-7609 Aug 18 j 20:34

0 \circ \odot

| • | omena of Sun from - | | • | • | | | 32 |
|---------------------|--|----------------------------------|--------------------|-------------------|--|----------------------------------|-------------|
| Attention, astronom | ical year style is used: The | - | n astronomical cou | | | | 1 01041 477 |
| | -7604 Jun 19 j 07:08 | 0° B | | max. Earth dist. | -7599 Mar 19 j 00:21 | 1°≈05'04 | 1.01941 AU |
| | -7604 Jul 19 j 10:45 | 0ಂ ಲ 00 | | | -7599 Apr 18 j 11:04 | 0° ∀ 0° Υ | |
| | -7604 Aug 18 j 01:54 -7604 Sep 16 j 09:49 | 0° U | | | -7599 May 19 j 18:01 -7599 Jun 19 j 12:14 | 0° 8 | |
| min. Earth dist. | -7604 Sep 16 j 21:14 | 0° Ω 29'15 | 0.98057 AU | | -7599 Jul 19 j 15:55 | 0°II | |
| mm. Earth dist. | -7604 Oct 15 j 17:21 | 0° mp | 0.70037 110 | | -7599 Aug 18 j 07:09 | 0.© | |
| | -7604 Nov 14 j 07:30 | 0∘ ⊽ | | | -7599 Sep 16 j 15:07 | 0°N | |
| | -7604 Dec 14 j 09:40 | 0° M | | min. Earth dist. | -7599 Sep 17 j 17:03 | 1° Ω 06'24 | 0.98057 AU |
| | -7603 Jan 14 j 02:18 | 0° ∡ ¹ | | | -7599 Oct 15 j 22:40 | 0° m | |
| | -7603 Feb 14 j 08:03 | 0°ප | | | -7599 Nov 14 j 12:46 | 0∘ ⊽ | |
| | -7603 Mar 17 j 21:46 | 0° ≈ | | | -7599 Dec 14 j 14:52 | 0°M | |
| max. Earth dist. | -7603 Mar 19 j 19:53 | 1°≈49'22 | 1.01948 AU | | -7598 Jan 14 j 07:26 | 0° ∡ 7 | |
| | -7603 Apr 18 j 11:55 | 0°) € | | | -7598 Feb 14 j 13:06 | 8°0 | |
| | -7603 May 19 j 18:50 | $^{\circ \gamma}$ | | T d F d | -7598 Mar 18 j 02:47 | 0°≈ | 1 01044 ATT |
| | -7603 Jun 19 j 13:00 -7603 Jul 19 j 16:37 | 0° Ⅱ | | max. Earth dist. | -7598 Mar 20 j 21:39 | 2°≈38'31 0°¥ | 1.01944 AU |
| | -7603 Aug 18 j 07:46 | 0°9 | | | -7598 Apr 18 j 16:56 -7598 May 19 j 23:52 | 0°Υ | |
| | -7603 Sep 16 j 15:40 | 0°Ω | | | -7598 Jun 19 j 18:05 | 0°8 | |
| min. Earth dist. | -7603 Sep 19 j 02:38 | 2° Ω 31'07 | 0.98058 AU | | -7598 Jul 19 j 21:46 | 0°II | |
| | -7603 Oct 15 j 23:12 | 0° m | | | -7598 Aug 18 j 13:00 | 0°® | |
| | -7603 Nov 14 j 13:21 | 0∘ ⊽ | | | -7598 Sep 16 j 20:58 | $0^{\circ}\Omega$ | |
| | -7603 Dec 14 j 15:30 | 0° M | | min. Earth dist. | -7598 Sep 18 j 13:03 | 1° Ω 42'44 | 0.98063 AU |
| | -7602 Jan 14 j 08:06 | 0° ∡ ¹ | | | -7598 Oct 16 j 04:31 | 0° m/ | |
| | -7602 Feb 14 j 13:47 | 0°ප | | | -7598 Nov 14 j 18:36 | 0∘ ত | |
| | -7602 Mar 18 j 03:27 | 0° ≈ | | | -7598 Dec 14 j 20:38 | 0° ™ | |
| max. Earth dist. | -7602 Mar 18 j 20:21 | 0°≈40'04 | 1.01940 AU | | -7597 Jan 14 j 13:08 | 0° ∡ | |
| | -7602 Apr 18 j 17:35 | 0° ∀ 0° Υ | | | -7597 Feb 14 j 18:44 | 0°る 0°≈ | |
| | -7602 May 20 j 00:31 -7602 Jun 19 j 18:45 | 0°8 | | max. Earth dist. | -7597 Mar 18 j 08:22 -7597 Mar 19 j 10:59 | 0 ≈ 1°≈03'07 | 1.01944 AU |
| | -7602 Jul 19 j 22:26 | 0°II | | max. Lartii dist. | -7597 Apr 18 j 22:32 | 0° ∺ | 1.01744 A0 |
| | -7602 Aug 18 j 13:39 | 0 . ಪ | | | -7597 May 20 j 05:31 | 0°Υ | |
| | -7602 Sep 16 j 21:34 | $0^{\circ}\Omega$ | | | -7597 Jun 19 j 23:49 | 0°8 | |
| min. Earth dist. | -7602 Sep 18 j 10:23 | 1° Ω 34'18 | 0.98054 AU | | -7597 Jul 20 j 03:34 | $\Pi^{\circ}0$ | |
| | -7602 Oct 16 j 05:06 | 0° m | | | -7597 Aug 18 j 18:49 | 0₀ © | |
| | -7602 Nov 14 j 19:12 | 0∘ ⊽ | | | -7597 Sep 17 j 02:45 | 0 \circ Ω | |
| | -7602 Dec 14 j 21:20 | 0°M | | min. Earth dist. | -7597 Sep 19 j 12:43 | 2° Ω 28'30 | 0.98055 AU |
| | -7601 Jan 14 j 13:56 | 0° ∡ | | | -7597 Oct 16 j 10:16 | 0° m | |
| | -7601 Feb 14 j 19:38 | 0° ට | | | -7597 Nov 15 j 00:20 | 0∘ w | |
| max. Earth dist. | -7601 Mar 18 j 09:19 -7601 Mar 21 j 08:51 | 0° ≈ 2° ≈ 49'33 | 1.01941 AU | | -7597 Dec 15 j 02:23 -7596 Jan 14 j 18:55 | 0° M 0° ∡ 7 | |
| max. Earth dist. | -7601 Apr 18 j 23:28 | 2 ≈ 4933 | 1.01941 AU | | -7596 Feb 15 j 00:34 | 0°る | |
| | -7601 May 20 j 06:24 | 0° Υ | | | -7596 Mar 17 j 14:14 | 0° ≈ | |
| | -7601 Jun 20 j 00:40 | 0°8 | | max. Earth dist. | -7596 Mar 20 j 00:54 | 2°≈19'00 | 1.01940 AU |
| | -7601 Jul 20 j 04:22 | $\Pi^{\circ}0$ | | | -7596 Apr 18 j 04:26 | 0°) € | |
| | -7601 Aug 18 j 19:35 | 0ංඔ | | | -7596 May 19 j 11:25 | $0^{\circ}\Upsilon$ | |
| | -7601 Sep 17 j 03:28 | 0 ° Ω | | | -7596 Jun 19 j 05:42 | 9° 8 | |
| min. Earth dist. | -7601 Sep 18 j 02:00 | 0° Ω 57'46 | 0.98056 AU | | -7596 Jul 19 j 09:26 | Π $^{\circ}0$ | |
| | -7601 Oct 16 j 10:57 | 0° m/ | | | -7596 Aug 18 j 00:40 | 0°© | |
| | -7601 Nov 15 j 00:59 | 0∘ 亚 | | | -7596 Sep 16 j 08:34 | 0°N | 0.00055 444 |
| | -7601 Dec 15 j 03:04 | 0° ™ 0° <i>⊼</i> 7 | | min. Earth dist. | -7596 Sep 17 j 02:27 | 0° Ω 45'47 0° m | 0.98055 AU |
| | -7600 Jan 14 j 19:39 -7600 Feb 15 j 01:22 | 0° ⋜ | | | -7596 Oct 15 j 16:05 -7596 Nov 14 j 06:09 | 0° ت 0 الله | |
| | -7600 Mar 17 j 15:05 | 0° ≈ | | | -7596 Dec 14 j 08:15 | 0°M | |
| max. Earth dist. | -7600 Mar 19 j 00:08 | 1°≈18'24 | 1.01948 AU | | -7595 Jan 14 j 00:50 | 0° ∡ 7 | |
| | -7600 Apr 18 j 05:15 | 0°) | | | -7595 Feb 14 j 06:32 | 8°0 | |
| | -7600 May 19 j 12:12 | 0° Υ | | | -7595 Mar 17 j 20:12 | 0° ≈ | |
| | -7600 Jun 19 j 06:26 | 9° 8 | | max. Earth dist. | -7595 Mar 20 j 03:47 | 2° ≈ 11'49 | 1.01945 AU |
| | -7600 Jul 19 j 10:09 | $\Pi^{\circ}0$ | | | -7595 Apr 18 j 10:20 | 0° ℋ | |
| | -7600 Aug 18 j 01:23 | 0°€ | | | -7595 May 19 j 17:16 | 0°Υ | |
| t pater | -7600 Sep 16 j 09:18 | 0°N | 0.00055 433 | | -7595 Jun 19 j 11:31 | 8°0 | |
| min. Earth dist. | -7600 Sep 19 j 03:46 | 2° Ω 50′21 | 0.98055 AU | | -7595 Jul 19 j 15:14 | 0°Ⅱ 0°© | |
| | -7600 Oct 15 j 16:47 | 0 ்⊽ 0 ்™ | | | -7595 Aug 18 j 06:29 | 0 ം ${f V}$ | |
| | -7600 Nov 14 j 06:50 -7600 Dec 14 j 08:53 | 0° ™ | | min. Earth dist. | -7595 Sep 16 j 14:25 -7595 Sep 19 j 02:44 | 0°87 2° Ω 34'34 | 0.98060 AU |
| | -7599 Jan 14 j 01:27 | 0° ⊼ | | mm. Latin dist. | -7595 Oct 15 j 21:56 | 0°m) | 5.70000 AU |
| | -7599 Feb 14 j 07:10 | 0°පි | | | -7595 Nov 14 j 12:01 | 0∘ ত | |
| | -7599 Mar 17 j 20:54 | 0° ≈ | | | -7595 Dec 14 j 14:05 | 0°M | |
| | | | | | | | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 33 Attention, astronomical year style is used: The year -7594 in astronomical counting style is the year 7595 BCE in historical counting style.

-7594 Jan 14 i 06:36 0° \$\mathref{X}\$ -7590 Oct 16 i 03:11 0° \$\mathref{m}\$

| Attention, astronoi | micai year style is used: The | • | n astronomicai co | unting style is the yea | | | |
|---------------------|-------------------------------|---------------------------------|-------------------|-------------------------|----------------------|------------------------|------------|
| | -7594 Jan 14 j 06:36 | 0° ∡ 7 | | | -7590 Oct 16 j 03:11 | 0° m) | |
| | -7594 Feb 14 j 12:14 | 0° ප | | | -7590 Nov 14 j 17:11 | 0∘ ত | |
| | -7594 Mar 18 j 01:51 | 0° ≈ | | | -7590 Dec 14 j 19:11 | 0°M₊ | |
| max. Earth dist. | -7594 Mar 18 j 19:17 | 0° ≈ 41'19 | 1.01940 AU | | -7589 Jan 14 j 11:39 | 0° ∡ ¹ | |
| | -7594 Apr 18 j 15:58 | 0° ¥ | | | -7589 Feb 14 j 17:16 | 0°ರ | |
| | -7594 May 19 j 22:54 | 0° Υ | | | -7589 Mar 18 j 06:55 | 0° ≈ | |
| | -7594 Jun 19 j 17:10 | 0°8 | | max. Earth dist. | -7589 Mar 19 j 16:29 | 1° ≈ 19'38 | 1.01946 AU |
| | · | 0°II | | max. Lartii dist. | • | 0° \ | 1.01740 AC |
| | -7594 Jul 19 j 20:56 | | | | -7589 Apr 18 j 21:06 | | |
| | -7594 Aug 18 j 12:14 | 0°® | | | -7589 May 20 j 04:08 | 0° Υ | |
| | -7594 Sep 16 j 20:13 | 0 ° Ω | | | -7589 Jun 19 j 22:31 | 0°8 | |
| min. Earth dist. | -7594 Sep 18 j 20:13 | 2° Ω 02'55 | 0.98057 AU | | -7589 Jul 20 j 02:21 | $\Pi^{\circ}0$ | |
| | -7594 Oct 16 j 03:46 | 0° ™ | | | -7589 Aug 18 j 17:39 | 0 \circ ∞ | |
| | -7594 Nov 14 j 17:50 | 0∘ ত | | | -7589 Sep 17 j 01:36 | $0^{\circ}\Omega$ | |
| | -7594 Dec 14 j 19:53 | 0° M ₊ | | min. Earth dist. | -7589 Sep 19 j 21:11 | 2° £ 53′09 | 0.98053 AU |
| | -7593 Jan 14 j 12:24 | 0° ∡ 7 | | | -7589 Oct 16 j 09:03 | 0° m) | |
| | -7593 Feb 14 j 18:03 | ರ∘ರ | | | -7589 Nov 14 j 23:02 | 0∘ <u>v</u> | |
| | -7593 Mar 18 j 07:43 | o° ≈ | | | -7589 Dec 15 j 00:59 | 0° M ₊ | |
| max. Earth dist. | v | 0 ~ 2° ≈ 49'38 | 1 01040 ATT | | -7588 Jan 14 j 17:27 | 0° ⊼ ¹ | |
| max. Earm dist. | -7593 Mar 21 j 07:17 | | 1.01940 AU | | , | | |
| | -7593 Apr 18 j 21:52 | 0°) € | | | -7588 Feb 14 j 23:06 | ි ව°0 | |
| | -7593 May 20 j 04:50 | 0° Υ | | | -7588 Mar 17 j 12:48 | 0° ≈ | |
| | -7593 Jun 19 j 23:07 | 0°8 | | max. Earth dist. | -7588 Mar 19 j 12:09 | | 1.01942 AU |
| | -7593 Jul 20 j 02:51 | $\Pi^{\circ}0$ | | | -7588 Apr 18 j 03:02 | 0° ℋ | |
| | -7593 Aug 18 j 18:07 | 0°€ | | | -7588 May 19 j 10:06 | $0^{\circ}\Upsilon$ | |
| | -7593 Sep 17 j 02:04 | $0^{\circ}\Omega$ | | | -7588 Jun 19 j 04:27 | $_{0\circ}$ 8 | |
| min. Earth dist. | -7593 Sep 17 j 21:34 | 0° Ω 49'59 | 0.98059 AU | | -7588 Jul 19 j 08:15 | Π° | |
| | -7593 Oct 16 j 09:35 | 0° m y | | | -7588 Aug 17 j 23:33 | 0°© | |
| | -7593 Nov 14 j 23:38 | 0∘ <u>⊽</u> | | | -7588 Sep 16 j 07:31 | $0^{\circ}\Omega$ | |
| | -7593 Dec 15 j 01:40 | 0° M | | min. Earth dist. | -7588 Sep 17 j 10:08 | 1° Ω 08′12 | 0.98054 AU |
| | -7592 Jan 14 j 18:10 | 0° ∡ 7 | | min. Darm dist. | -7588 Oct 15 j 15:00 | 0° m) | 0.5000.110 |
| | -7592 Feb 14 j 23:50 | ° ਨ ਹ | | | -7588 Nov 14 j 05:00 | 0∘ ت 0∘ | |
| | · | 0°≈ | | | • | 0° ™ | |
| Double 4int | -7592 Mar 17 j 13:31 | | 1.01040.411 | | -7588 Dec 14 j 06:59 | 0 IIL 0° ⊼ ¹ | |
| max. Earth dist. | -7592 Mar 19 j 09:19 | 1°≈43'53 | 1.01948 AU | | -7587 Jan 13 j 23:28 | | |
| | -7592 Apr 18 j 03:42 | 0°) { | | | -7587 Feb 14 j 05:07 | 5°0 | |
| | -7592 May 19 j 10:42 | 0° Υ | | | -7587 Mar 17 j 18:48 | 0° ≈ | |
| | -7592 Jun 19 j 04:58 | 0°8 | | max. Earth dist. | -7587 Mar 20 j 12:11 | 2° ≈ 35'01 | 1.01947 AU |
| | -7592 Jul 19 j 08:41 | $\Pi^{\circ}0$ | | | -7587 Apr 18 j 09:00 | 0° ∀ | |
| | -7592 Aug 17 j 23:55 | 0 \circ \odot | | | -7587 May 19 j 16:01 | $0^{\circ}\Upsilon$ | |
| | -7592 Sep 16 j 07:51 | $0^{\circ}\Omega$ | | | -7587 Jun 19 j 10:20 | $_{0\circ}$ 8 | |
| min. Earth dist. | -7592 Sep 19 j 02:21 | 2° Ω 50′27 | 0.98057 AU | | -7587 Jul 19 j 14:07 | $\Pi^{\circ}0$ | |
| | -7592 Oct 15 j 15:21 | 0° m | | | -7587 Aug 18 j 05:26 | 0ංම | |
| | -7592 Nov 14 j 05:25 | 0∘ ত | | | -7587 Sep 16 j 13:25 | $0^{\circ}\Omega$ | |
| | -7592 Dec 14 j 07:27 | 0°M | | min. Earth dist. | -7587 Sep 18 j 21:00 | 2° Ω 22'28 | 0.98062 AU |
| | -7591 Jan 13 j 23:59 | 0° ∡ 7 | | min. Darm dist. | -7587 Oct 15 j 20:57 | 0° m) | 0.50002110 |
| | -7591 Feb 14 j 05:39 | 0°පි | | | -7587 Nov 14 j 10:59 | 0∘ ⊽ | |
| | -7591 Mar 17 j 19:20 | 0° ≈ | | | -7587 Dec 14 j 12:58 | 0° ™ | |
| Danila diat | • | | 1.01042.411 | | , | | |
| max. Earth dist. | -7591 Mar 18 j 19:22 | 0°≈56'57 | 1.01942 AU | | -7586 Jan 14 j 05:22 | 0° ∡ 7 | |
| | -7591 Apr 18 j 09:32 | 0°) € | | | -7586 Feb 14 j 10:54 | 5°0 | |
| | -7591 May 19 j 16:32 | 0° Υ | | un | -7586 Mar 18 j 00:30 | 0° ≈ | 1.010.11 |
| | -7591 Jun 19 j 10:49 | 0°8 | | max. Earth dist. | -7586 Mar 19 j 01:54 | 1° ≈ 00'12 | 1.01941 AU |
| | -7591 Jul 19 j 14:32 | $\Pi^{\circ}0$ | | | -7586 Apr 18 j 14:40 | 0° ℋ | |
| | -7591 Aug 18 j 05:46 | 0°€ | | | -7586 May 19 j 21:41 | $0^{\circ}\Upsilon$ | |
| | -7591 Sep 16 j 13:42 | $0^{\circ}\Omega$ | | | -7586 Jun 19 j 16:03 | $_{0\circ}$ 8 | |
| min. Earth dist. | -7591 Sep 17 j 22:00 | 1° Ω 22'45 | 0.98054 AU | | -7586 Jul 19 j 19:52 | Π° | |
| | -7591 Oct 15 j 21:13 | 0° m y | | | -7586 Aug 18 j 11:13 | 0°© | |
| | -7591 Nov 14 j 11:18 | 0∘ <u>v</u> | | | -7586 Sep 16 j 19:14 | $0^{\circ}\Omega$ | |
| | -7591 Dec 14 j 13:23 | 0°M | | min. Earth dist. | -7586 Sep 19 j 03:51 | 2° Ω 25'00 | 0.98058 AU |
| | -7590 Jan 14 j 05:57 | 0° ∡ 7 | | | -7586 Oct 16 j 02:48 | 0° m) | |
| | -7590 Feb 14 j 11:36 | 0°る | | | -7586 Nov 14 j 16:51 | 0° ت 0° | |
| | · | | | | • | | |
| To at 41 : | -7590 Mar 18 j 01:17 | 0°≈ 2°52121 | 1.01042 *** | | -7586 Dec 14 j 18:50 | 0°M 0°. 7 | |
| max. Earth dist. | -7590 Mar 21 j 02:28 | 2°≈53'31 | 1.01943 AU | | -7585 Jan 14 j 11:16 | 0° ∡ 7 | |
| | -7590 Apr 18 j 15:27 | 0°) € | | | -7585 Feb 14 j 16:49 | 0°₹ | |
| | -7590 May 19 j 22:26 | 0° Υ | | | -7585 Mar 18 j 06:25 | 0° ≈ | |
| | -7590 Jun 19 j 16:45 | 9° 8 | | max. Earth dist. | -7585 Mar 21 j 07:43 | 2° ≈ 53'44 | 1.01937 AU |
| | -7590 Jul 19 j 20:30 | $\Pi^{\circ}0$ | | | -7585 Apr 18 j 20:35 | 0° ∀ | |
| | -7590 Aug 18 j 11:46 | 0 \circ \odot | | | -7585 May 20 j 03:38 | $0^{\circ}\Upsilon$ | |
| | -7590 Sep 16 j 19:42 | $0^{\circ}\Omega$ | | | -7585 Jun 19 j 22:01 | 9° 8 | |
| min Farth diet | -7590 Sep. 18 i 04:29 | 1°Ω24'01 | 0.08058 ATT | | -7585 Iul 20 i 01:51 | о∘π | |

min. Earth dist.

-7590 Sep 18 j 04:29

1°**Ω**24'01 0.98058 AU

-7585 Jul 20 j 01:51

 $\Pi^{\circ}0$

| • | omena of Sun from - | | • | | | | 34 |
|---------------------|--|----------------------------|--------------------|--------------------------|--|----------------------------------|-------------|
| Attention, astronom | ical year style is used: The | - | n astronomical cou | inting style is the year | | | |
| | -7585 Aug 18 j 17:10 | 0ංම | | | -7580 May 19 j 08:51 | 0° Υ | |
| | -7585 Sep 17 j 01:07 | 0 \circ Ω | | | -7580 Jun 19 j 03:14 | 0°B | |
| min. Earth dist. | -7585 Sep 17 j 21:31 | | 0.98058 AU | | -7580 Jul 19 j 07:01 | Π °0 | |
| | -7585 Oct 16 j 08:38 | 0° m) | | | -7580 Aug 17 j 22:18 | 0°9 | |
| | -7585 Nov 14 j 22:39 | 0∘ ⊽ | | | -7580 Sep 16 j 06:14 | 0°N | |
| | -7585 Dec 15 j 00:39 | 0° M | | min. Earth dist. | -7580 Sep 17 j 13:06 | 1° Ω 19'04 | 0.98053 AU |
| | -7584 Jan 14 j 17:06 | 0° ∡ ¹ | | | -7580 Oct 15 j 13:42 | 0° m) | |
| | -7584 Feb 14 j 22:42 | 0° ප | | | -7580 Nov 14 j 03:43 | 0∘ 亚 | |
| n d ti | -7584 Mar 17 j 12:19 | 0° ≈ | 1.01045.433 | | -7580 Dec 14 j 05:42 | 0°M 0°. 7 | |
| max. Earth dist. | -7584 Mar 19 j 19:11 | 2°≈10'08 | 1.01945 AU | | -7579 Jan 13 j 22:09 | 0° ₹ | |
| | -7584 Apr 18 j 02:28 | 0° ₩ | | | -7579 Feb 14 j 03:46 | 0°50 | |
| | -7584 May 19 j 09:30 | 0°Ƴ | | Danila diak | -7579 Mar 17 j 17:27 | 0°≈ 2°≈≈53130 | 1 01047 ATT |
| | -7584 Jun 19 j 03:52 | 0° B | | max. Earth dist. | -7579 Mar 20 j 18:41 | 2° ≈ 53'39 0° 米 | 1.01947 AU |
| | -7584 Jul 19 j 07:41 | 0° Ⅱ | | | -7579 Apr 18 j 07:40 | 0° Υ 0° Υ | |
| | -7584 Aug 17 j 23:00 | 0.ಂ 0 | | | -7579 May 19 j 14:44 | | |
| min. Earth dist. | -7584 Sep 16 j 06:57 | 0°Ω 2°Ω55'48 | 0.98058 AU | | -7579 Jun 19 j 09:06 | 0° Ⅱ | |
| mm. Earm dist. | -7584 Sep 19 j 03:33 | | 0.98038 AU | | -7579 Jul 19 j 12:54 | 0°9 | |
| | -7584 Oct 15 j 14:26 | 0° m) | | | -7579 Aug 18 j 04:11 | | |
| | -7584 Nov 14 j 04:27 -7584 Dec 14 j 06:27 | ი∘ ო 0∘ ত | | i. Double died | -7579 Sep 16 j 12:06 -7579 Sep 18 j 07:27 | 0° Ω 1° Ω 51'06 | 0.00050 411 |
| | -7583 Jan 13 j 22:56 | 0°M 0°∡7 | | min. Earth dist. | 1 3 | | 0.98058 AU |
| | -7583 Feb 14 j 04:32 | 0°ਤ | | | -7579 Oct 15 j 19:35 -7579 Nov 14 j 09:34 | 0ം ⊽ 0ംൂമ | |
| | , | 0°≈ | | | -7579 Nov 14 j 09.34 -7579 Dec 14 j 11:32 | 0° ™ | |
| may Forth dist | -7583 Mar 17 j 18:10 | 0 ≈ 0°≈49'15 | 1.01939 AU | | , | 0 IIC 0° ∡ 7 | |
| max. Earth dist. | -7583 Mar 18 j 14:57 | 0 ≈ 4913 | 1.01939 AU | | -7578 Jan 14 j 03:56 | 0°る | |
| | -7583 Apr 18 j 08:19 | 0° Υ | | | -7578 Feb 14 j 09:27 | 0°≈ | |
| | -7583 May 19 j 15:18 -7583 Jun 19 j 09:38 | 0°8 | | max. Earth dist. | -7578 Mar 17 j 23:03 -7578 Mar 19 j 06:46 | 0 ≈ 1°≈15'14 | 1.01944 AU |
| | -7583 Jul 19 j 13:27 | 0°II | | max. Earth dist. | -7578 Apr 18 j 13:13 | 0° \ | 1.01944 AO |
| | -7583 Aug 18 j 04:47 | 0°© | | | -7578 May 19 j 20:18 | 0° Υ | |
| | -7583 Sep 16 j 12:46 | 0°Ω | | | -7578 Jun 19 j 14:43 | 0°8 | |
| min. Earth dist. | -7583 Sep 18 j 08:16 | | 0.98056 AU | | -7578 Jul 19 j 18:37 | 0°II | |
| mm. Earth dist. | -7583 Oct 15 j 20:18 | 0° m) | 0.70030710 | | -7578 Aug 18 j 09:58 | 0°© | |
| | -7583 Nov 14 j 10:20 | 0∘ ರ ೧.ฬ | | | -7578 Sep 16 j 17:57 | 0° Ω | |
| | -7583 Dec 14 j 12:21 | 0° M ₊ | | min. Earth dist. | -7578 Sep 19 j 11:36 | 2° Ω 48'13 | 0.98054 AU |
| | -7582 Jan 14 j 04:50 | 0° ∡ 7 | | mm. Darun dige. | -7578 Oct 16 j 01:25 | 0° m) | 0.50001110 |
| | -7582 Feb 14 j 10:28 | 0°ප | | | -7578 Nov 14 j 15:22 | 0∘ ⊽ | |
| | -7582 Mar 18 j 00:06 | 0°≈ | | | -7578 Dec 14 j 17:16 | 0° M . | |
| max. Earth dist. | -7582 Mar 21 j 02:53 | | 1.01940 AU | | -7577 Jan 14 j 09:39 | 0° ∡ ¹ | |
| | -7582 Apr 18 j 14:15 | 0°) | | | -7577 Feb 14 j 15:12 | 0°ెవ | |
| | -7582 May 19 j 21:14 | 0° Υ | | | -7577 Mar 18 j 04:49 | 0° ≈ | |
| | -7582 Jun 19 j 15:33 | 0°8 | | max. Earth dist. | -7577 Mar 20 j 23:09 | 2° ≈ 37'11 | 1.01939 AU |
| | -7582 Jul 19 j 19:21 | 0° I I | | | -7577 Apr 18 j 19:01 | 0°) € | |
| | -7582 Aug 18 j 10:41 | 0°© | | | -7577 May 20 j 02:08 | $0^{\circ}\Upsilon$ | |
| | -7582 Sep 16 j 18:41 | $0^{\circ}\Omega$ | | | -7577 Jun 19 j 20:37 | 0°8 | |
| min. Earth dist. | -7582 Sep 17 j 23:23 | 1° Ω 13'32 | 0.98061 AU | | -7577 Jul 20 j 00:31 | $\Pi^{\circ}0$ | |
| | -7582 Oct 16 j 02:12 | 0° m) | | | -7577 Aug 18 j 15:53 | 0°© | |
| | -7582 Nov 14 j 16:11 | 0∘ ⊽ | | | -7577 Sep 16 j 23:50 | $0^{\circ}\Omega$ | |
| | -7582 Dec 14 j 18:07 | 0°M₊ | | min. Earth dist. | -7577 Sep 18 j 03:17 | 1° Ω 10′19 | 0.98054 AU |
| | -7581 Jan 14 j 10:32 | 0° ∡ ¹ | | | -7577 Oct 16 j 07:15 | 0° m | |
| | -7581 Feb 14 j 16:06 | ರ∘ರ | | | -7577 Nov 14 j 21:10 | 0∘ ⊽ | |
| | -7581 Mar 18 j 05:44 | 0° ≈ | | | -7577 Dec 14 j 23:02 | 0° M ₊ | |
| max. Earth dist. | -7581 Mar 19 j 22:52 | 1° ≈ 37'34 | 1.01946 AU | | -7576 Jan 14 j 15:25 | 0° ∡ ¹ | |
| | -7581 Apr 18 j 19:54 | 0° ∀ | | | -7576 Feb 14 j 20:59 | 0°ප | |
| | -7581 May 20 j 02:56 | 0° Y | | | -7576 Mar 17 j 10:38 | 0°≈ | |
| | -7581 Jun 19 j 21:18 | 9° 8 | | max. Earth dist. | -7576 Mar 20 j 03:35 | 2° ≈ 34'00 | 1.01948 AU |
| | -7581 Jul 20 j 01:08 | Π °0 | | | -7576 Apr 18 j 00:52 | 0°) € | |
| | -7581 Aug 18 j 16:27 | 0 \circ \odot | | | -7576 May 19 j 07:57 | 0 ° Υ | |
| | -7581 Sep 17 j 00:26 | 0 ° Ω | | | -7576 Jun 19 j 02:24 | 9° 8 | |
| min. Earth dist. | -7581 Sep 19 j 23:55 | 3° Ω 03′08 | 0.98057 AU | | -7576 Jul 19 j 06:18 | Π °0 | |
| | -7581 Oct 16 j 07:56 | 0° ™ | | | -7576 Aug 17 j 21:41 | 0 \circ \odot | |
| | -7581 Nov 14 j 21:56 | 0∘ ⊽ | | | -7576 Sep 16 j 05:40 | 0 ° Ω | |
| | -7581 Dec 14 j 23:51 | 0°M₊ | | min. Earth dist. | -7576 Sep 19 j 03:38 | 2° Ω 59'19 | 0.98059 AU |
| | -7580 Jan 14 j 16:16 | 0° ∡ | | | -7576 Oct 15 j 13:08 | 0° ™ | |
| | -7580 Feb 14 j 21:50 | 0°ರ | | | -7576 Nov 14 j 03:03 | 0∘ ⊽ | |
| | -7580 Mar 17 j 11:31 | 0° ≈ | | | -7576 Dec 14 j 04:55 | 0°M₊ | |
| max. Earth dist. | -7580 Mar 19 j 01:18 | 1°≈29'31 | 1.01943 AU | | -7575 Jan 13 j 21:16 | 0° ∡ ¹ | |
| | -7580 Apr 18 j 01:46 | 0° ℋ | | | -7575 Feb 14 j 02:47 | 0°ප | |
| | | | | | | | |

| 2 | | | | , , | 7576 DCE in historical as | 1 0 | 33 |
|---------------------|----------------------|----------------------|--------------------|-------------------------|---------------------------|------------------------|-------------|
| Attention, astronom | | - | n astronomicai cou | nting style is the year | 7576 BCE in historical co | | |
| e a e | -7575 Mar 17 j 16:25 | 0° ≈ | 1 01040 477 | | -7571 Dec 14 j 10:21 | 0°M | |
| max. Earth dist. | -7575 Mar 18 j 17:33 | | 1.01942 AU | | -7570 Jan 14 j 02:41 | 0° ∡ 7 | |
| | -7575 Apr 18 j 06:37 | 0° ∀ | | | -7570 Feb 14 j 08:10 | 0°ප | |
| | -7575 May 19 j 13:42 | 0 ° Υ | | | -7570 Mar 17 j 21:43 | 0° ≈ | |
| | -7575 Jun 19 j 08:07 | 9° 8 | | max. Earth dist. | -7570 Mar 19 j 11:53 | 1° ≈ 30'33 | 1.01942 AU |
| | -7575 Jul 19 j 12:00 | Π °0 | | | -7570 Apr 18 j 11:51 | 0°) € | |
| | -7575 Aug 18 j 03:24 | 0 \circ \odot | | | -7570 May 19 j 18:54 | 0° Υ | |
| | -7575 Sep 16 j 11:26 | $0^{\circ}\Omega$ | | | -7570 Jun 19 j 13:20 | 9° 8 | |
| min. Earth dist. | -7575 Sep 18 j 17:46 | 2° Ω 19'11 | 0.98058 AU | | -7570 Jul 19 j 17:16 | Π $^{\circ}0$ | |
| | -7575 Oct 15 j 18:58 | 0° m) | | | -7570 Aug 18 j 08:43 | 0ಂತಾ | |
| | -7575 Nov 14 j 08:57 | 0∘ ⊽ | | | -7570 Sep 16 j 16:47 | $0^{\circ}\Omega$ | |
| | -7575 Dec 14 j 10:51 | 0° M | | min. Earth dist. | -7570 Sep 19 j 17:46 | 3° Ω 06'57 | 0.98059 AU |
| | -7574 Jan 14 j 03:12 | 0° ⊼ ¹ | | | -7570 Oct 16 j 00:19 | 0° m/ | |
| | -7574 Feb 14 j 08:43 | 0°ਰ | | | -7570 Nov 14 j 14:17 | 0∘ ರ ∘ .* | |
| | -7574 Mar 17 j 22:19 | 0°≈ | | | -7570 Dec 14 j 16:09 | 0°M | |
| Foodb died | | | 1.01020 ATT | | • | | |
| max. Earth dist. | -7574 Mar 21 j 07:03 | 3°≈11'21 | 1.01939 AU | | -7569 Jan 14 j 08:28 | 0° ⊼ | |
| | -7574 Apr 18 j 12:31 | 0° ∀ | | | -7569 Feb 14 j 13:58 | 0°ප | |
| | -7574 May 19 j 19:36 | 0° Υ | | | -7569 Mar 18 j 03:34 | 0° ≈ | |
| | -7574 Jun 19 j 14:02 | 0°B | | max. Earth dist. | -7569 Mar 20 j 10:34 | 2°≈10′20 | 1.01938 AU |
| | -7574 Jul 19 j 17:56 | Π °0 | | | -7569 Apr 18 j 17:46 | 0° ∀ | |
| | -7574 Aug 18 j 09:20 | 0 \circ \odot | | | -7569 May 20 j 00:53 | 0° Y | |
| | -7574 Sep 16 j 17:22 | $0^{\circ}\Omega$ | | | -7569 Jun 19 j 19:21 | 9° 8 | |
| min. Earth dist. | -7574 Sep 17 j 20:25 | 1° Ω 09′18 | 0.98062 AU | | -7569 Jul 19 j 23:16 | $\Pi^{\circ}0$ | |
| | -7574 Oct 16 j 00:53 | 0° m) | | | -7569 Aug 18 j 14:39 | 0ಂತಾ | |
| | -7574 Nov 14 j 14:51 | 0∘ ⊽ | | | -7569 Sep 16 j 22:39 | $0^{\circ}\Omega$ | |
| | -7574 Dec 14 j 16:43 | 0° M . | | min. Earth dist. | -7569 Sep 18 j 05:16 | 1° Ω 18′23 | 0.98056 AU |
| | -7573 Jan 14 j 09:01 | 0° ∡ 7 | | min. Darun dige. | -7569 Oct 16 j 06:08 | 0° mp | 0.50000110 |
| | -7573 Feb 14 j 14:29 | ∘ੰਤ | | | -7569 Nov 14 j 20:05 | 0∘ ত ი ო | |
| | -7573 Mar 18 j 04:02 | 0°≈ | | | -7569 Dec 14 j 21:58 | 0° m | |
| Faul die | • | | 1.01044.411 | | • | | |
| max. Earth dist. | -7573 Mar 20 j 10:17 | 2°≈08'41 | 1.01944 AU | | -7568 Jan 14 j 14:19 | 0° ₹ | |
| | -7573 Apr 18 j 18:13 | 0° \ | | | -7568 Feb 14 j 19:51 | % ප | |
| | -7573 May 20 j 01:20 | 0° Υ | | | -7568 Mar 17 j 09:30 | 0° ≈ | |
| | -7573 Jun 19 j 19:49 | 0°8 | | max. Earth dist. | -7568 Mar 20 j 10:44 | 2°≈53'38 | 1.01947 AU |
| | -7573 Jul 19 j 23:46 | Π °0 | | | -7568 Apr 17 j 23:44 | 0° ∀ | |
| | -7573 Aug 18 j 15:10 | 0 \circ \odot | | | -7568 May 19 j 06:51 | 0° Y | |
| | -7573 Sep 16 j 23:11 | $0 {\circ} \Omega$ | | | -7568 Jun 19 j 01:18 | 8° | |
| min. Earth dist. | -7573 Sep 20 j 03:23 | 3° Ω 15′17 | 0.98058 AU | | -7568 Jul 19 j 05:12 | Π $^{\circ}0$ | |
| | -7573 Oct 16 j 06:40 | 0° ™ | | | -7568 Aug 17 j 20:33 | 0 \circ \odot | |
| | -7573 Nov 14 j 20:37 | 0∘ ⊽ | | | -7568 Sep 16 j 04:32 | $0^{\circ}\Omega$ | |
| | -7573 Dec 14 j 22:30 | 0°M₊ | | min. Earth dist. | -7568 Sep 18 j 15:51 | 2° Ω 32'03 | 0.98059 AU |
| | -7572 Jan 14 j 14:50 | 0° ∡ ¹ | | | -7568 Oct 15 j 12:00 | 0° m y | |
| | -7572 Feb 14 j 20:19 | ರ°0 | | | -7568 Nov 14 j 01:57 | 0∘ ⊽ | |
| | -7572 Mar 17 j 09:54 | 0° ≈ | | | -7568 Dec 14 j 03:51 | 0°M | |
| max. Earth dist. | -7572 Mar 18 j 20:00 | 1°≈20'48 | 1.01939 AU | | -7567 Jan 13 j 20:12 | 0° ∡ ¹ | |
| max. Earth dist. | -7572 Apr 18 j 00:07 | 0°) € | 1.01757110 | | -7567 Feb 14 j 01:42 | 0°පි | |
| | -7572 May 19 j 07:14 | 0° Υ | | | -7567 Mar 17 j 15:19 | 0°≈ | |
| | | 0°8 | | Easth diet | 3 | 0 ∞ 1°≈07'19 | 1.01044.411 |
| | -7572 Jun 19 j 01:43 | | | max. Earth dist. | -7567 Mar 18 j 19:42 | | 1.01944 AU |
| | -7572 Jul 19 j 05:38 | 0°II | | | -7567 Apr 18 j 05:31 | 0°) € | |
| | -7572 Aug 17 j 21:02 | 0°9 | | | -7567 May 19 j 12:38 | 0° Υ | |
| | -7572 Sep 16 j 05:01 | 0 \circ Ω | | | -7567 Jun 19 j 07:05 | 0°B | |
| min. Earth dist. | -7572 Sep 17 j 22:17 | 1° Ω 45'42 | 0.98054 AU | | -7567 Jul 19 j 10:59 | $\Pi^{\circ}0$ | |
| | -7572 Oct 15 j 12:30 | 0° ™ | | | -7567 Aug 18 j 02:21 | 0 \circ \odot | |
| | -7572 Nov 14 j 02:28 | 0∘ ⊽ | | | -7567 Sep 16 j 10:20 | 0 ° Ω | |
| | -7572 Dec 14 j 04:23 | 0° M | | min. Earth dist. | -7567 Sep 18 j 23:41 | 2° Ω 37′09 | 0.98054 AU |
| | -7571 Jan 13 j 20:48 | 0° ∡ ¹ | | | -7567 Oct 15 j 17:49 | 0° ™ | |
| | -7571 Feb 14 j 02:21 | 8°0 | | | -7567 Nov 14 j 07:47 | 0∘ ত | |
| | -7571 Mar 17 j 15:58 | 0° ≈ | | | -7567 Dec 14 j 09:41 | 0° M | |
| max. Earth dist. | -7571 Mar 20 j 22:52 | 3°≈07'04 | 1.01942 AU | | -7566 Jan 14 j 02:04 | 0° ∡ ″ | |
| | -7571 Apr 18 j 06:09 | 0°) € | | | -7566 Feb 14 j 07:35 | 8°0 | |
| | -7571 May 19 j 13:13 | 0°Υ | | | -7566 Mar 17 j 21:12 | 0° ≈ | |
| | -7571 Jun 19 j 07:39 | 0°8 | | max. Earth dist. | -7566 Mar 21 j 01:26 | 3°≈00'40 | 1.01940 AU |
| | -7571 Jul 19 j 11:33 | 0°II | | | -7566 Apr 18 j 11:25 | 0° ℋ | |
| | -7571 Aug 18 j 02:57 | 0ංම 0 H | | | -7566 May 19 j 18:33 | 0° Υ | |
| | -7571 Sep 16 j 10:59 | 0°V 0 ⋑ | | | -7566 Jun 19 j 13:03 | 0°8 | |
| min Earth dist | | | 0.00062.411 | | • | 0°II | |
| min. Earth dist. | -7571 Sep 18 j 01:21 | 1° Ω 38′20 | 0.98062 AU | | -7566 Jul 19 j 16:59 | | |
| | -7571 Oct 15 j 18:29 | 0° ™ | | | -7566 Aug 18 j 08:24 | 0.ಲ | |
| | -7571 Nov 14 j 08:27 | 0∘ ⊽ | | | -7566 Sep 16 j 16:23 | 0 ° Ω | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 36 Attention, astronomical year style is used: The year -7566 in astronomical counting style is the year 7567 BCE in historical counting style.

| Attention, astronomical year style is used: The year -7566 in astronomical counting style is the year 7567 BCE in historical counting style. | | | | | | | | | |
|--|--|----------------------------|-------------|------------------|--|------------------------------|--------------|--|--|
| min. Earth dist. | -7566 Sep 17 j 20:36 | 1° Ω 12'18 | 0.98056 AU | | -7561 Jul 19 j 22:04 | Π °0 | | | |
| | -7566 Oct 15 j 23:49 | 0° m | | | -7561 Aug 18 j 13:31 | 0₀ © | | | |
| | -7566 Nov 14 j 13:41 | 0∘ ⊽ | | | -7561 Sep 16 j 21:31 | 0° Ω | | | |
| | -7566 Dec 14 j 15:30 | 0°M | | min. Earth dist. | -7561 Sep 18 j 12:54 | 1° Ω 40'51 | 0.98055 AU | | |
| | -7565 Jan 14 j 07:48 -7565 Feb 14 j 13:18 | 7×°0 7°0 7°0 | | | -7561 Oct 16 j 04:58 -7561 Nov 14 j 18:51 | 0∘ ರ 0∘⊯ | | | |
| | -7565 Mar 18 j 02:54 | 0°≈ | | | -7561 Dec 14 j 20:40 | 0° M | | | |
| max. Earth dist. | -7565 Mar 20 j 17:27 | 2°≈28'21 | 1.01947 AU | | -7560 Jan 14 j 12:56 | 0° ⊼ ¹ | | | |
| | -7565 Apr 18 j 17:07 | 0°) | | | -7560 Feb 14 j 18:23 | 0°ठ | | | |
| | -7565 May 20 j 00:17 | $0^{\circ}\Upsilon$ | | | -7560 Mar 17 j 07:57 | 0° ≈ | | | |
| | -7565 Jun 19 j 18:50 | 9° 8 | | max. Earth dist. | -7560 Mar 20 j 18:38 | 3° ≈ 16′01 | 1.01944 AU | | |
| | -7565 Jul 19 j 22:50 | $\Pi^{\circ}0$ | | | -7560 Apr 17 j 22:10 | 0° ∀ | | | |
| | -7565 Aug 18 j 14:16 | 0ංම | | | -7560 May 19 j 05:20 | 0° Υ | | | |
| | -7565 Sep 16 j 22:15 | 0°N | 0.00056.477 | | -7560 Jun 18 j 23:53 | 0° B | | | |
| min. Earth dist. | -7565 Sep 20 j 05:57 | | 0.98056 AU | | -7560 Jul 19 j 03:55 | 0°© 0°I | | | |
| | -7565 Oct 16 j 05:40 -7565 Nov 14 j 19:31 | 0 ்⊽ 0 ்∭ | | | -7560 Aug 17 j 19:22 -7560 Sep 16 j 03:23 | 0.℃ 0.≈ | | | |
| | -7565 Dec 14 j 21:17 | 0° M | | min. Earth dist. | -7560 Sep 18 j 11:22 | 2° Ω 23'31 | 0.98060 AU | | |
| | -7564 Jan 14 j 13:33 | 0° ⊼ ¹ | | mm. Lattii dist. | -7560 Oct 15 j 10:49 | 0° Mp | 0.76000 AC | | |
| | -7564 Feb 14 j 19:02 | ි ව°0 | | | -7560 Nov 14 j 00:42 | 0∘ ⊽ | | | |
| | -7564 Mar 17 j 08:40 | 0° ≈ | | | -7560 Dec 14 j 02:30 | 0°M | | | |
| max. Earth dist. | -7564 Mar 18 j 15:35 | 1° ≈ 13'17 | 1.01944 AU | | -7559 Jan 13 j 18:47 | 0° ∡ ¹ | | | |
| | -7564 Apr 17 j 22:56 | 0° ∀ | | | -7559 Feb 14 j 00:12 | ರ°0 | | | |
| | -7564 May 19 j 06:07 | 0 ° Υ | | | -7559 Mar 17 j 13:45 | 0° ≈ | | | |
| | -7564 Jun 19 j 00:38 | 0°B | | max. Earth dist. | -7559 Mar 19 j 00:37 | 1°≈22'41 | 1.01941 AU | | |
| | -7564 Jul 19 j 04:37 | 0° I | | | -7559 Apr 18 j 03:55 | 0°) € | | | |
| | -7564 Aug 17 j 20:02 | 0° © | | | -7559 May 19 j 11:01 | 0°Υ | | | |
| min Forth dist | -7564 Sep 16 j 04:03 | 0°Ω 2°Ω12'07 | 0.00052 ATT | | -7559 Jun 19 j 05:32 | 0° I 0°8 | | | |
| min. Earth dist. | -7564 Sep 18 j 07:38 -7564 Oct 15 j 11:29 | 0°m) | 0.98053 AU | | -7559 Jul 19 j 09:32 -7559 Aug 18 j 01:01 | 0°9 | | | |
| | -7564 Nov 14 j 01:22 | 0∘ ত مالا | | | -7559 Sep 16 j 09:05 | 0°Ω | | | |
| | -7564 Dec 14 j 03:10 | 0° M | | min. Earth dist. | -7559 Sep 19 j 09:38 | 3° Ω 05'49 | 0.98058 AU | | |
| | -7563 Jan 13 j 19:28 | 0° ∡ ¹ | | | -7559 Oct 15 j 16:35 | 0° m | | | |
| | -7563 Feb 14 j 00:58 | ರ∘ರ | | | -7559 Nov 14 j 06:30 | 0∘ ⊽ | | | |
| | -7563 Mar 17 j 14:37 | 0° ≈ | | | -7559 Dec 14 j 08:18 | 0° M | | | |
| max. Earth dist. | -7563 Mar 21 j 03:54 | | 1.01945 AU | | -7558 Jan 14 j 00:35 | 0° ∡ ¹ | | | |
| | -7563 Apr 18 j 04:53 | 0°) € | | | -7558 Feb 14 j 06:02 | 0°ප | | | |
| | -7563 May 19 j 12:03 | 0° Υ | | 75 d. 15 d. | -7558 Mar 17 j 19:36 | 0°≈ | 1 01005 177 | | |
| | -7563 Jun 19 j 06:33 | 0°B 8°0 | | max. Earth dist. | -7558 Mar 20 j 17:12 -7558 Apr 18 j 09:48 | 2°≈44'57 0° H | 1.01937 AU | | |
| | -7563 Jul 19 j 10:31 -7563 Aug 18 j 01:57 | 0°© | | | -7558 May 19 j 16:56 | 0° Υ | | | |
| | -7563 Sep 16 j 09:59 | 0°Ω | | | -7558 Jun 19 j 11:27 | 0°8 | | | |
| min. Earth dist. | -7563 Sep 17 j 19:34 | 1° Ω 26'04 | 0.98061 AU | | -7558 Jul 19 j 15:27 | 0°II | | | |
| | -7563 Oct 15 j 17:28 | 0° m | | | -7558 Aug 18 j 06:57 | 0°9 | | | |
| | -7563 Nov 14 j 07:22 | 0∘ ⊽ | | | -7558 Sep 16 j 15:01 | $0^{\circ}\Omega$ | | | |
| | -7563 Dec 14 j 09:09 | 0° M | | min. Earth dist. | -7558 Sep 17 j 23:16 | 1° Ω 22'37 | 0.98060 AU | | |
| | -7562 Jan 14 j 01:22 | 0° ∡ ¹ | | | -7558 Oct 15 j 22:30 | 0° m | | | |
| | -7562 Feb 14 j 06:45 | 0°ප | | | -7558 Nov 14 j 12:22 | 0∘ ⊽ | | | |
| T | -7562 Mar 17 j 20:16 | 0° ≈ | 1 01044 477 | | -7558 Dec 14 j 14:07 | 0°M | | | |
| max. Earth dist. | -7562 Mar 19 j 23:02 | 2°≈00'24 | 1.01944 AU | | -7557 Jan 14 j 06:19 | 0°⊀⊓ | | | |
| | -7562 Apr 18 j 10:28 -7562 May 19 j 17:37 | 0° ∀ 0° Υ | | | -7557 Feb 14 j 11:44 -7557 Mar 18 j 01:19 | 5°0 ≫°0 | | | |
| | -7562 Jun 19 j 12:10 | 0°8 | | max. Earth dist. | -7557 Mar 21 j 02:08 | 0 ∞ 2°≈52'42 | 1.01946 AU | | |
| | -7562 Jul 19 j 16:10 | 0°II | | max. Earth dist. | -7557 Apr 18 j 15:32 | 0°) € | 1.015 10 110 | | |
| | -7562 Aug 18 j 07:38 | 0°9 | | | -7557 May 19 j 22:43 | 0° Υ | | | |
| | -7562 Sep 16 j 15:42 | $0^{\circ}\Omega$ | | | -7557 Jun 19 j 17:16 | 9° 8 | | | |
| min. Earth dist. | -7562 Sep 19 j 22:32 | 3° £ 22′00 | 0.98059 AU | | -7557 Jul 19 j 21:17 | $\Pi^{\circ}0$ | | | |
| | -7562 Oct 15 j 23:12 | 0° m | | | -7557 Aug 18 j 12:45 | 0 \circ \odot | | | |
| | -7562 Nov 14 j 13:07 | 0∘ ত | | | -7557 Sep 16 j 20:48 | $0^{\circ}\Omega$ | | | |
| | -7562 Dec 14 j 14:54 | 0°M | | min. Earth dist. | -7557 Sep 20 j 00:08 | 3° Ω 13'04 | 0.98060 AU | | |
| | -7561 Jan 14 j 07:07 | 0° ∡ | | | -7557 Oct 16 j 04:16 | 0° m/ | | | |
| | -7561 Feb 14 j 12:30 | 0° ට | | | -7557 Nov 14 j 18:08 | 0∘ m | | | |
| max. Earth dist. | -7561 Mar 18 j 02:02 -7561 Mar 20 j 04:48 | 0°≈ 2°≈00'20 | 1.01937 AU | | -7557 Dec 14 j 19:53 -7556 Jan 14 j 12:05 | 0° ™ 0° ∡ 7 | | | |
| man. Darui UlSt. | -7561 Apr 18 j 16:14 | 2 ≈ 00 20 | 1.01/3/ AU | | -7556 Feb 14 j 17:30 | 0°る | | | |
| | -7561 May 19 j 23:27 | 0° Υ | | | -7556 Mar 17 j 07:05 | 0°≈ | | | |
| | -7561 Jun 19 j 18:02 | 0°8 | | max. Earth dist. | -7556 Mar 18 j 15:45 | 1° ≈ 17'26 | 1.01944 AU | | |
| | | | | | | | | | |

| 3 | | | | // | J 16-FEU-2U23 14.21 | , , | 37 |
|---------------------|----------------------|------------------------------|--------------------|--------------------------|---------------------------|-------------------------|-------------|
| Attention, astronom | | - | n astronomicai cou | inting style is the year | 7557 BCE in historical co | | |
| | -7556 Apr 17 j 21:21 | 0° ∀ | | | -7551 Feb 13 j 22:46 | 0°ප | |
| | -7556 May 19 j 04:33 | 0° Υ | | | -7551 Mar 17 j 12:19 | 0° ≈ | |
| | -7556 Jun 18 j 23:07 | 0°B | | max. Earth dist. | -7551 Mar 19 j 09:10 | 1°≈46′20 | 1.01945 AU |
| | -7556 Jul 19 j 03:06 | Π $^{\circ}$ 0 | | | -7551 Apr 18 j 02:33 | 0° ∀ | |
| | -7556 Aug 17 j 18:32 | 0 \circ \odot | | | -7551 May 19 j 09:45 | 0° Υ | |
| | -7556 Sep 16 j 02:32 | $0^{\circ}\Omega$ | | | -7551 Jun 19 j 04:20 | 8° | |
| min. Earth dist. | -7556 Sep 18 j 13:01 | 2° Ω 29'47 | 0.98054 AU | | -7551 Jul 19 j 08:23 | Π °0 | |
| | -7556 Oct 15 j 09:59 | 0° m | | | -7551 Aug 17 j 23:55 | 0 \circ | |
| | -7556 Nov 13 j 23:53 | 0∘ ⊽ | | | -7551 Sep 16 j 08:01 | $0^{\circ}\Omega$ | |
| | -7556 Dec 14 j 01:41 | 0°M₊ | | min. Earth dist. | -7551 Sep 19 j 15:43 | 3° Ω 24'11 | 0.98059 AU |
| | -7555 Jan 13 j 17:58 | 0° ∡ ¹ | | | -7551 Oct 15 j 15:31 | 0° m) | |
| | -7555 Feb 13 j 23:26 | 8°0 | | | -7551 Nov 14 j 05:24 | 0∘ ⊽ | |
| | -7555 Mar 17 j 13:03 | 0° ≈ | | | -7551 Dec 14 j 07:08 | 0° M | |
| max. Earth dist. | -7555 Mar 21 j 04:12 | 3° ≈ 26'33 | 1.01943 AU | | -7550 Jan 13 j 23:18 | 0° ⊼ | |
| | -7555 Apr 18 j 03:19 | 0° ∀ | | | -7550 Feb 14 j 04:40 | ිට ව°0 | |
| | -7555 May 19 j 10:31 | 0°Υ | | | -7550 Mar 17 j 18:12 | 0°≈ | |
| | -7555 Jun 19 j 05:06 | 0°8 | | max. Earth dist. | -7550 Mar 20 j 12:28 | 2°≈37'02 | 1.01937 AU |
| | -7555 Jul 19 j 09:06 | 0° I | | max. Earth dist. | -7550 Apr 18 j 08:26 | 0° ∀ | 1.01/37/110 |
| | -7555 Aug 18 j 00:32 | 0°ಅ | | | -7550 May 19 j 15:41 | 0° Υ | |
| | C 3 | 0° U | | | | | |
| : E 4 E 4 | -7555 Sep 16 j 08:32 | | 0.00050 ATT | | -7550 Jun 19 j 10:18 | 0° B | |
| min. Earth dist. | -7555 Sep 17 j 14:12 | 1° Ω 16′00 | 0.98058 AU | | -7550 Jul 19 j 14:23 | 0°II | |
| | -7555 Oct 15 j 15:59 | 0° m) | | | -7550 Aug 18 j 05:55 | 0°99 | |
| | -7555 Nov 14 j 05:51 | 0∘ ⊽ | | | -7550 Sep 16 j 13:59 | 0 \circ Ω | |
| | -7555 Dec 14 j 07:38 | 0°M₊ | | min. Earth dist. | -7550 Sep 18 j 03:14 | 1° Ω 35′26 | 0.98058 AU |
| | -7554 Jan 13 j 23:51 | 0° ∡ ¹ | | | -7550 Oct 15 j 21:27 | 0° ™ | |
| | -7554 Feb 14 j 05:14 | 0°ಕ | | | -7550 Nov 14 j 11:18 | 0∘ ⊽ | |
| | -7554 Mar 17 j 18:46 | 0° ≈ | | | -7550 Dec 14 j 13:00 | 0° M | |
| max. Earth dist. | -7554 Mar 20 j 05:52 | 2° ≈ 20′10 | 1.01944 AU | | -7549 Jan 14 j 05:09 | 0° ∡ ¹ | |
| | -7554 Apr 18 j 08:58 | 0° ∀ | | | -7549 Feb 14 j 10:29 | 8°0 | |
| | -7554 May 19 j 16:09 | $0^{\circ}\mathbf{\Upsilon}$ | | | -7549 Mar 18 j 00:01 | 0° ≈ | |
| | -7554 Jun 19 j 10:46 | 9° 8 | | max. Earth dist. | -7549 Mar 21 j 12:30 | 3° ≈ 20'22 | 1.01944 AU |
| | -7554 Jul 19 j 14:50 | Π $^{\circ}0$ | | | -7549 Apr 18 j 14:15 | 0°) € | |
| | -7554 Aug 18 j 06:21 | 0°© | | | -7549 May 19 j 21:30 | 0° Υ | |
| | -7554 Sep 16 j 14:23 | $0^{\circ}\Omega$ | | | -7549 Jun 19 j 16:10 | 0°8 | |
| min. Earth dist. | -7554 Sep 20 j 02:42 | 3° £ 36′01 | 0.98057 AU | | -7549 Jul 19 j 20:17 | 0°II | |
| | -7554 Oct 15 j 21:50 | 0° m) | | | -7549 Aug 18 j 11:49 | 0.ಂ _ | |
| | -7554 Nov 14 j 11:40 | 0∘ ⊽ | | | -7549 Sep 16 j 19:52 | 0°N | |
| | -7554 Dec 14 j 13:24 | 0° m ₊ | | min. Earth dist. | -7549 Sep 19 j 19:24 | 3° Ω 03'21 | 0.98060 AU |
| | -7553 Jan 14 j 05:35 | 0° ⊼ ¹ | | iiiii. Eatui dist. | -7549 Oct 16 j 03:19 | 0° m) | 0.98000 AU |
| | • | 0°ਤ | | | | 0∘ ত اللا | |
| | -7553 Feb 14 j 10:59 | | | | -7549 Nov 14 j 17:08 | | |
| P 4 F . | -7553 Mar 18 j 00:32 | 0° ≈ | | | -7549 Dec 14 j 18:51 | 0°M | |
| max. Earth dist. | -7553 Mar 19 j 17:56 | 1°≈38'08 | 1.01940 AU | | -7548 Jan 14 j 11:00 | 0° ∡ 7 | |
| | -7553 Apr 18 j 14:46 | 0° ∀ | | | -7548 Feb 14 j 16:20 | 0°ප | |
| | -7553 May 19 j 22:01 | 0° Υ | | | -7548 Mar 17 j 05:52 | 0° ≈ | |
| | -7553 Jun 19 j 16:40 | $8^{\circ 0}$ | | max. Earth dist. | -7548 Mar 18 j 18:39 | 1° ≈ 27'12 | 1.01942 AU |
| | -7553 Jul 19 j 20:46 | Π $^{\circ}0$ | | | -7548 Apr 17 j 20:06 | 0° ∀ | |
| | -7553 Aug 18 j 12:17 | 0 \circ | | | -7548 May 19 j 03:20 | 0° Υ | |
| | -7553 Sep 16 j 20:18 | $0^{\circ}\Omega$ | | | -7548 Jun 18 j 21:59 | 8° 0 | |
| min. Earth dist. | -7553 Sep 18 j 22:13 | 2° Ω 07'53 | 0.98052 AU | | -7548 Jul 19 j 02:05 | Π °0 | |
| | -7553 Oct 16 j 03:42 | 0° ™ | | | -7548 Aug 17 j 17:36 | 0 \circ \odot | |
| | -7553 Nov 14 j 17:30 | 0∘ ⊽ | | | -7548 Sep 16 j 01:39 | $0^{\circ}\Omega$ | |
| | -7553 Dec 14 j 19:12 | 0° M | | min. Earth dist. | -7548 Sep 18 j 23:52 | 2° Ω 59'52 | 0.98054 AU |
| | -7552 Jan 14 j 11:25 | 0° ∡ ¹ | | | -7548 Oct 15 j 09:05 | 0° m | |
| | -7552 Feb 14 j 16:51 | 0°ರ | | | -7548 Nov 13 j 22:55 | 0∘ ⊽ | |
| | -7552 Mar 17 j 06:29 | 0° ≈ | | | -7548 Dec 14 j 00:39 | 0° M | |
| max. Earth dist. | -7552 Mar 20 j 22:52 | 3°≈29'32 | 1.01946 AU | | -7547 Jan 13 j 16:52 | 0° ∡ 7 | |
| max. Earth dist. | -7552 Apr 17 j 20:46 | 0°) € | 1.01710710 | | -7547 Feb 13 j 22:16 | 0°ਰ ਨ | |
| | | 0° Υ | | | · | 0°≈ | |
| | -7552 May 19 j 04:00 | | | may Earth di-t | -7547 Mar 17 j 11:51 | | 1 01020 411 |
| | -7552 Jun 18 j 22:37 | 0° Β | | max. Earth dist. | -7547 Mar 20 j 23:51 | 3°≈19'05 | 1.01939 AU |
| | -7552 Jul 19 j 02:42 | 0°II | | | -7547 Apr 18 j 02:06 | 0°) € | |
| | -7552 Aug 17 j 18:13 | 0°99 | | | -7547 May 19 j 09:19 | 0° Υ | |
| | -7552 Sep 16 j 02:16 | 0° Ω | | | -7547 Jun 19 j 03:56 | 0°8 | |
| min. Earth dist. | -7552 Sep 18 j 03:45 | 2° Ω 06′52 | 0.98060 AU | | -7547 Jul 19 j 08:01 | 0° I I | |
| | -7552 Oct 15 j 09:42 | 0° m | | | -7547 Aug 17 j 23:33 | 0.ಪ | |
| | -7552 Nov 13 j 23:31 | 0∘ ⊽ | | | -7547 Sep 16 j 07:37 | 0 ° Ω | |
| | -7552 Dec 14 j 01:13 | 0°M₊ | | min. Earth dist. | -7547 Sep 17 j 16:35 | 1° Ω 24'27 | 0.98060 AU |
| | -7551 Jan 13 j 17:24 | 0° ∡ ° | | | -7547 Oct 15 j 15:05 | 0° ™ | |
| | | | | | | | |

| - | omena of Sun from - | | • | · · | | | 38 |
|----------------------|-------------------------------|-------------------------|--------------------|--------------------------|----------------------|----------------------|--------------|
| Attention, astronom | nical year style is used: The | - | n astronomical cou | inting style is the year | | | |
| | -7547 Nov 14 j 04:55 | 0∘ ಹ | | | -7542 Sep 16 j 12:46 | 0 \circ Ω | |
| | -7547 Dec 14 j 06:36 | 0° M | | min. Earth dist. | -7542 Sep 18 j 11:22 | 1° Ω 59'24 | 0.98054 AU |
| | -7546 Jan 13 j 22:45 | 0° ∡ ¹ | | | -7542 Oct 15 j 20:09 | 0° ™ | |
| | -7546 Feb 14 j 04:06 | o°ප | | | -7542 Nov 14 j 09:53 | 0∘ ⊽ | |
| | -7546 Mar 17 j 17:36 | 0° ≈ | | | -7542 Dec 14 j 11:31 | 0°M₊ | |
| max. Earth dist. | -7546 Mar 20 j 13:40 | 2° ≈ 41'25 | 1.01943 AU | | -7541 Jan 14 j 03:37 | 0° ∡ ¹ | |
| | -7546 Apr 18 j 07:47 | 0°) € | | | -7541 Feb 14 j 08:57 | 0°る | |
| | -7546 May 19 j 14:59 | $0^{\circ}\Upsilon$ | | | -7541 Mar 17 j 22:30 | 0° ≈ | |
| | -7546 Jun 19 j 09:36 | 0°8 | | max. Earth dist. | -7541 Mar 21 j 18:07 | 3° ≈ 37'14 | 1.01945 AU |
| | -7546 Jul 19 j 13:43 | 0°II | | man. Bartin digt. | -7541 Apr 18 j 12:46 | 0° ∀ | 1.019 10 110 |
| | -7546 Aug 18 j 05:17 | 0ංම ව | | | -7541 May 19 j 20:03 | 0° Υ | |
| | -7546 Sep 16 j 13:24 | 0°N | | | -7541 Jun 19 j 14:48 | 0°8 | |
| min Forth dist | | | 0.00062 ATT | | · | 0°II | |
| min. Earth dist. | -7546 Sep 20 j 03:47 | 3° Ω 41′20 | 0.98062 AU | | -7541 Jul 19 j 19:00 | | |
| | -7546 Oct 15 j 20:54 | 0° m) | | | -7541 Aug 18 j 10:36 | 0°9 | |
| | -7546 Nov 14 j 10:43 | 0∘ ⊽ | | | -7541 Sep 16 j 18:40 | 0°N | 0.00050 177 |
| | -7546 Dec 14 j 12:24 | 0° M ₊ | | min. Earth dist. | -7541 Sep 19 j 15:45 | 2° Ω 57'06 | 0.98059 AU |
| | -7545 Jan 14 j 04:30 | 0°⊀ | | | -7541 Oct 16 j 02:03 | 0° m) | |
| | -7545 Feb 14 j 09:48 | 0°ಕ | | | -7541 Nov 14 j 15:47 | 0∘ ಹ | |
| | -7545 Mar 17 j 23:20 | 0° ≈ | | | -7541 Dec 14 j 17:22 | 0°M₊ | |
| max. Earth dist. | -7545 Mar 19 j 14:30 | 1° ≈ 32'52 | 1.01940 AU | | -7540 Jan 14 j 09:25 | 0° ∡ ¹ | |
| | -7545 Apr 18 j 13:34 | 0° ∀ | | | -7540 Feb 14 j 14:43 | 0° ප | |
| | -7545 May 19 j 20:50 | 0° Υ | | | -7540 Mar 17 j 04:15 | 0°≈ | |
| | -7545 Jun 19 j 15:29 | 0°8 | | max. Earth dist. | -7540 Mar 18 j 23:18 | 1° ≈ 42'03 | 1.01946 AU |
| | -7545 Jul 19 j 19:36 | 0° I I | | | -7540 Apr 17 j 18:32 | 0° \ | |
| | -7545 Aug 18 j 11:07 | 0 ಲ | | | -7540 May 19 j 01:49 | 0° Υ | |
| | -7545 Sep 16 j 19:09 | 0°N | | | -7540 Jun 18 j 20:31 | 0°8 | |
| min. Earth dist. | -7545 Sep 19 j 03:29 | | 0.98054 AU | | -7540 Jul 19 j 00:41 | 0°II | |
| iiiii. Lattii tiist. | -7545 Oct 16 j 02:35 | 0° M) | 0.98034 AU | | -7540 Aug 17 j 16:16 | 0°© | |
| | · | 0∘ ত اللا | | | • • | 0° U | |
| | -7545 Nov 14 j 16:24 | | | · P d F | -7540 Sep 16 j 00:21 | | 0.00056 441 |
| | -7545 Dec 14 j 18:05 | 0° M ₊ | | min. Earth dist. | -7540 Sep 19 j 09:15 | 3° Ω 27'15 | 0.98056 AU |
| | -7544 Jan 14 j 10:15 | 0° ∡ ¹ | | | -7540 Oct 15 j 07:47 | 0° m) | |
| | -7544 Feb 14 j 15:37 | 0°ප | | | -7540 Nov 13 j 21:33 | 0∘ ⊽ | |
| | -7544 Mar 17 j 05:13 | 0° ≈ | | | -7540 Dec 13 j 23:11 | 0° M ₊ | |
| max. Earth dist. | -7544 Mar 21 j 03:18 | 3° ≈ 43′02 | 1.01945 AU | | -7539 Jan 13 j 15:16 | 0° ∡ ¹ | |
| | -7544 Apr 17 j 19:31 | 0° ∀ | | | -7539 Feb 13 j 20:36 | 0°₹ | |
| | -7544 May 19 j 02:48 | 0° Υ | | | -7539 Mar 17 j 10:09 | 0° ≈ | |
| | -7544 Jun 18 j 21:27 | 9° 8 | | max. Earth dist. | -7539 Mar 20 j 20:11 | 3° ≈ 14'25 | 1.01940 AU |
| | -7544 Jul 19 j 01:32 | $\Pi^{\circ}0$ | | | -7539 Apr 18 j 00:27 | 0°) € | |
| | -7544 Aug 17 j 17:02 | 0°© | | | -7539 May 19 j 07:45 | $0^{\circ}\Upsilon$ | |
| | -7544 Sep 16 j 01:04 | $0^{\circ}\Omega$ | | | -7539 Jun 19 j 02:26 | 0°8 | |
| min. Earth dist. | -7544 Sep 17 j 16:11 | 1° Ω 40′16 | 0.98058 AU | | -7539 Jul 19 j 06:35 | 0°II | |
| Time Darvii Gibt. | -7544 Oct 15 j 08:29 | 0° m) | 0.90000110 | | -7539 Aug 17 j 22:10 | 0°© | |
| | -7544 Nov 13 j 22:18 | 0∘ ত ۱۳ | | | -7539 Sep 16 j 06:17 | 0°Ω | |
| | -7544 Dec 14 j 00:00 | 0° m . | | min. Earth dist. | -7539 Sep 10 j 00:17 | 1° Ω 32'36 | 0.98061 AU |
| | · | 0° ⊼ ¹ | | IIIII. Latui dist. | | | 0.98001 AU |
| | -7543 Jan 13 j 16:09 | | | | -7539 Oct 15 j 13:46 | 0° m) | |
| | -7543 Feb 13 j 21:30 | 0°ප | | | -7539 Nov 14 j 03:34 | 0∘ 亚 | |
| | -7543 Mar 17 j 11:01 | 0° ≈ | | | -7539 Dec 14 j 05:11 | 0° M ₊ | |
| max. Earth dist. | -7543 Mar 19 j 17:12 | 2°≈08'30 | 1.01945 AU | | -7538 Jan 13 j 21:13 | 0° ∡ ¹ | |
| | -7543 Apr 18 j 01:14 | 0° ∀ | | | -7538 Feb 14 j 02:28 | 0°ಕ | |
| | -7543 May 19 j 08:29 | 0 ° $\mathbf{\gamma}$ | | | -7538 Mar 17 j 15:55 | 0° ≈ | |
| | -7543 Jun 19 j 03:07 | 9° 8 | | max. Earth dist. | -7538 Mar 21 j 01:26 | 3° ≈ 13′21 | 1.01942 AU |
| | -7543 Jul 19 j 07:13 | Π °0 | | | -7538 Apr 18 j 06:08 | 0° ℋ | |
| | -7543 Aug 17 j 22:45 | 0 \circ \odot | | | -7538 May 19 j 13:24 | 0 ° Υ | |
| | -7543 Sep 16 j 06:48 | $0^{\circ}\Omega$ | | | -7538 Jun 19 j 08:08 | 9° 8 | |
| min. Earth dist. | -7543 Sep 19 j 19:23 | 3° Ω 36'43 | 0.98056 AU | | -7538 Jul 19 j 12:19 | $\Pi^{\circ}0$ | |
| | -7543 Oct 15 j 14:14 | 0° m) | | | -7538 Aug 18 j 03:57 | 0°© | |
| | -7543 Nov 14 j 04:03 | 0∘ <u>v</u> | | | -7538 Sep 16 j 12:04 | 0°N | |
| | -7543 Dec 14 j 05:45 | 0° M . | | min. Earth dist. | -7538 Sep 20 j 00:41 | 3° £ 36′50 | 0.98063 AU |
| | -7542 Jan 13 j 21:54 | 0° ⊼ | | Durin dist. | -7538 Oct 15 j 19:33 | 0° m) | 3.70003 AU |
| | - | 0° ਠ | | | · | 0∘ ত میاآث | |
| | -7542 Feb 14 j 03:15 | | | | -7538 Nov 14 j 09:22 | | |
| E 4 ** | -7542 Mar 17 j 16:46 | 0° ≈ | 1.01020 177 | | -7538 Dec 14 j 10:59 | 0°M 0°. 7 | |
| max. Earth dist. | -7542 Mar 20 j 00:48 | 2°≈12'49 | 1.01938 AU | | -7537 Jan 14 j 03:01 | 0° ∡ ¹ | |
| | -7542 Apr 18 j 07:00 | 0°) € | | | -7537 Feb 14 j 08:14 | 0°ප | |
| | -7542 May 19 j 14:17 | 0° Υ | | | -7537 Mar 17 j 21:41 | 0° ≈ | |
| | -7542 Jun 19 j 08:59 | 0° 8 | | max. Earth dist. | -7537 Mar 19 j 16:07 | 1° ≈ 40'37 | 1.01938 AU |
| | -7542 Jul 19 j 13:09 | Π °0 | | | -7537 Apr 18 j 11:54 | 0°) € | |
| | 75/12 Aug 18 i 0/1://3 | 0.00 | | | -7537 May 10 i 10:12 | 0° | |

-7537 May 19 j 19:12

-7542 Aug 18 j 04:43 0°ഇ

| - | mical year style is used: The | | • | / · | | | |
|---------------------|--|----------------------------|--------------------|-------------------|--|----------------------------------|---|
| Attention, astronor | -7537 Jun 19 j 13:58 | 0° 8 | ii astronomicai ce | max. Earth dist. | -7532 Mar 19 j 06:05 | | 1.01947 AU |
| | -7537 Jul 19 j 18:11 | 0°II | | max. Lartii dist. | -7532 Apr 17 j 17:18 | 0° ∀ | 1.01)4/ AO |
| | -7537 Aug 18 j 09:47 | 0°© | | | -7532 May 19 j 00:38 | 0° Υ | |
| | -7537 Aug 16 j 07:47 | 0 ° Ω | | | -7532 Jun 18 j 19:22 | 0°8 | |
| min. Earth dist. | -7537 Sep 10 j 17:31 | 2° Ω 50′03 | 0.98054 AU | | -7532 Jul 18 j 23:32 | 0°II | |
| mm. Larm dist. | -7537 Oct 16 j 01:16 | 0°m) | 0.76054 AC | | -7532 Aug 17 j 15:05 | 0°© | |
| | -7537 Nov 14 j 15:02 | 0∘ ত مייזہ | | | -7532 Sep 15 j 23:08 | $0 {\circ} \mathcal{U}$ | |
| | -7537 Dec 14 j 16:41 | 0°M | | min. Earth dist. | -7532 Sep 19 j 12:30 | 3° Ω 38'41 | 0.98054 AU |
| | -7536 Jan 14 j 08:47 | 0° ∡ 7 | | min. Earth dist. | -7532 Oct 15 j 06:33 | 0° m) | 0.50051710 |
| | -7536 Feb 14 j 14:06 | 0°ප | | | -7532 Nov 13 j 20:19 | 0∘ ರ | |
| | -7536 Mar 17 j 03:38 | 0° ≈ | | | -7532 Dec 13 j 21:56 | 0°M | |
| max. Earth dist. | -7536 Mar 21 j 04:16 | 3°≈49'01 | 1.01941 AU | | -7531 Jan 13 j 14:02 | 0° ∡ 7 | |
| | -7536 Apr 17 j 17:55 | 0°) € | | | -7531 Feb 13 j 19:21 | 5°0 | |
| | -7536 May 19 j 01:13 | 0°Υ | | | -7531 Mar 17 j 08:54 | 0° ≈ | |
| | -7536 Jun 18 j 19:57 | 0°8 | | max. Earth dist. | -7531 Mar 20 j 11:17 | 2°≈56'16 | 1.01941 AU |
| | -7536 Jul 19 j 00:08 | 0°Щ | | | -7531 Apr 17 j 23:13 | 0°) € | |
| | -7536 Aug 17 j 15:44 | 0°© | | | -7531 May 19 j 06:35 | $0^{\circ}\Upsilon$ | |
| | -7536 Sep 15 j 23:49 | $0^{\circ}\Omega$ | | | -7531 Jun 19 j 01:22 | 0° ႘ | |
| min. Earth dist. | -7536 Sep 17 j 15:21 | 1° Ω 41'17 | 0.98059 AU | | -7531 Jul 19 j 05:34 | 0°II | |
| | -7536 Oct 15 j 07:14 | 0° m/y | | | -7531 Aug 17 j 21:08 | 0°© | |
| | -7536 Nov 13 j 21:00 | 0∘ ⊽ | | | -7531 Sep 16 j 05:12 | $0^{\circ}\Omega$ | |
| | -7536 Dec 13 j 22:39 | 0°M | | min. Earth dist. | -7531 Sep 17 j 21:58 | 1° Ω 44'25 | 0.98055 AU |
| | -7535 Jan 13 j 14:45 | 0° ∡ 7 | | | -7531 Oct 15 j 12:35 | 0° m | |
| | -7535 Feb 13 j 20:04 | 0° ප | | | -7531 Nov 14 j 02:20 | 0∘ ⊽ | |
| | -7535 Mar 17 j 09:33 | 0° ≈ | | | -7531 Dec 14 j 03:55 | 0° M | |
| max. Earth dist. | -7535 Mar 19 j 23:45 | 2° ≈ 27'31 | 1.01943 AU | | -7530 Jan 13 j 19:56 | 0° ∡ ¹ | |
| | -7535 Apr 17 j 23:45 | 0°) € | | | -7530 Feb 14 j 01:11 | 5°0 | |
| | -7535 May 19 j 06:58 | 0° Y | | | -7530 Mar 17 j 14:40 | 0° ≈ | |
| | -7535 Jun 19 j 01:39 | 9° 8 | | max. Earth dist. | -7530 Mar 21 j 09:18 | 3° ≈ 34'54 | 1.01944 AU |
| | -7535 Jul 19 j 05:49 | $\Pi^{\circ}0$ | | | -7530 Apr 18 j 04:56 | 0° ∀ | |
| | -7535 Aug 17 j 21:26 | 0 \circ \odot | | | -7530 May 19 j 12:16 | $0^{\circ}\Upsilon$ | |
| | -7535 Sep 16 j 05:34 | $0^{\circ}\Omega$ | | | -7530 Jun 19 j 07:05 | 9° 8 | |
| min. Earth dist. | -7535 Sep 20 j 00:09 | 3° Ω 52'05 | 0.98060 AU | | -7530 Jul 19 j 11:22 | Π $^{\circ}0$ | |
| | -7535 Oct 15 j 13:02 | 0° m) | | | -7530 Aug 18 j 03:01 | 0₀ © | |
| | -7535 Nov 14 j 02:50 | 0∘ ⊽ | | | -7530 Sep 16 j 11:07 | 0 $^{\circ}\Omega$ | |
| | -7535 Dec 14 j 04:28 | 0° ™ | | min. Earth dist. | -7530 Sep 19 j 22:07 | 3° Ω 32'45 | 0.98059 AU |
| | -7534 Jan 13 j 20:33 | 0° ∡ ¹ | | | -7530 Oct 15 j 18:30 | 0° m y | |
| | -7534 Feb 14 j 01:51 | ි ව°0 | | | -7530 Nov 14 j 08:12 | 0∘ 亚 | |
| F 4 F 4 | -7534 Mar 17 j 15:22 | 0°≈ | 1 01020 ATT | | -7530 Dec 14 j 09:44 | 0°M 0°. ₹ | |
| max. Earth dist. | -7534 Mar 19 j 14:06 | 1°≈50'48 | 1.01938 AU | | -7529 Jan 14 j 01:43 | 0°⊀ 0° ⋜ | |
| | -7534 Apr 18 j 05:36 | 0° ∀ 0° Υ | | | -7529 Feb 14 j 06:56 | 5°0 | |
| | -7534 May 19 j 12:52 -7534 Jun 19 j 07:34 | | | max. Earth dist. | -7529 Mar 17 j 20:24 -7529 Mar 19 j 17:15 | 0° ≈ 1° ≈ 46'19 | 1.01042.411 |
| | -7534 Jul 19 j 11:46 | 0° Ⅱ | | max. Earth dist. | -7529 Apr 18 j 10:41 | 0°) | 1.01942 AU |
| | -7534 Aug 18 j 03:22 | 0°© | | | -7529 May 19 j 18:03 | 0° Υ | |
| | -7534 Sep 16 j 11:29 | 0 ° Ω | | | -7529 Jun 19 j 12:53 | 0° 8 | |
| min. Earth dist. | -7534 Sep 18 j 17:37 | 2°Ω18'38 | 0.98057 AU | | -7529 Jul 19 j 17:10 | 0°II | |
| mm. Earth dist. | -7534 Oct 15 j 18:56 | 0° m) | 0.90037110 | | -7529 Aug 18 j 08:50 | 0°95 | |
| | -7534 Nov 14 j 08:41 | 0∘ ⊽ | | | -7529 Sep 16 j 16:55 | $0^{\circ}\Omega$ | |
| | -7534 Dec 14 i 10:16 | 0°M | | min. Earth dist. | -7529 Sep 19 j 23:28 | 3° £ 21′13 | 0.98053 AU |
| | -7533 Jan 14 j 02:19 | 0° ∡ 7 | | | -7529 Oct 16 j 00:17 | 0° my | *************************************** |
| | -7533 Feb 14 j 07:37 | 0°ප | | | -7529 Nov 14 j 13:57 | 0∘ <mark>⊽</mark> | |
| | -7533 Mar 17 j 21:10 | 0° ≈ | | | -7529 Dec 14 j 15:28 | 0°M | |
| max. Earth dist. | -7533 Mar 21 j 22:52 | 3° ≈ 51'37 | 1.01945 AU | | -7528 Jan 14 j 07:29 | 0° ∡ ¹ | |
| | -7533 Apr 18 j 11:28 | 0°) € | | | -7528 Feb 14 j 12:45 | ა∘გ | |
| | -7533 May 19 j 18:48 | $0^{\circ}\Upsilon$ | | | -7528 Mar 17 j 02:19 | 0° ≈ | |
| | -7533 Jun 19 j 13:33 | 0° ႘ | | max. Earth dist. | -7528 Mar 21 j 03:13 | 3° ≈ 49'39 | 1.01943 AU |
| | -7533 Jul 19 j 17:45 | $\Pi^{\circ}0$ | | | -7528 Apr 17 j 16:39 | 0°) € | |
| | -7533 Aug 18 j 09:20 | 0 \circ \odot | | | -7528 May 19 j 00:02 | 0 ° Υ | |
| | -7533 Sep 16 j 17:25 | $0^{\circ}\Omega$ | | | -7528 Jun 18 j 18:51 | 9° 8 | |
| min. Earth dist. | -7533 Sep 19 j 02:11 | 2° Ω 25'30 | 0.98060 AU | | -7528 Jul 18 j 23:07 | $\Pi^{\circ}0$ | |
| | -7533 Oct 16 j 00:50 | 0° m | | | -7528 Aug 17 j 14:46 | 0 \circ \odot | |
| | -7533 Nov 14 j 14:35 | 0∘ ⊽ | | | -7528 Sep 15 j 22:53 | 0 ° Ω | |
| | -7533 Dec 14 j 16:10 | 0° M | | min. Earth dist. | -7528 Sep 17 j 16:55 | 1° Ω 47'42 | 0.98059 AU |
| | -7532 Jan 14 j 08:12 | 0° ∡ ″ | | | -7528 Oct 15 j 06:18 | 0° m) | |
| | -7532 Feb 14 j 13:28 | 5°0 | | | -7528 Nov 13 j 20:00 | 0∘ ⊽ | |
| | -7532 Mar 17 j 03:00 | 0° ≈ | | | -7528 Dec 13 j 21:31 | 0°M₊ | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 40 Attention, astronomical year style is used: The year -7527 in astronomical counting style is the year 7528 BCE in historical counting style. -7527 Jan 13 j 13:30 0°**∡**¹ -7523 Oct 15 j 11:24 0° m -7527 Feb 13 j 18:43 0°궁 -7523 Nov 14 j 01:07 0∘Ω -7527 Mar 17 j 08:11 0°≈≈ -7523 Dec 14 j 02:38 oom. -7527 Mar 20 j 11:14 2°≈58'00 1.01945 AU -7522 Jan 13 j 18:35 0°**∡**¹ max. Earth dist. -7527 Apr 17 j 22:26 0°**)** -7522 Feb 13 j 23:47 0°궁 $0^{\circ}\Upsilon$ -7527 May 19 j 05:45 -7522 Mar 17 j 13:14 0°≈ -7527 Jun 19 j 00:32 0° 8 max. Earth dist. -7522 Mar 21 j 15:17 3°≈52'29 1.01941 AU -7527 Jul 19 j 04:47 Π $^{\circ}0$ -7522 Apr 18 j 03:28 0°**∀** $0^{\circ}\Upsilon$ -7527 Aug 17 j 20:26 0ಂತಾ -7522 May 19 j 10:48 -7527 Sep 16 j 04:36 0° Ω -7522 Jun 19 j 05:36 0°8 min. Earth dist. -7527 Sep 20 j 02:06 3°**Ω**59'35 0.98062 AU -7522 Jul 19 j 09:54 $0^{\circ}\Pi$ -7527 Oct 15 j 12:04 0° M -7522 Aug 18 j 01:36 0ಂತಾ -7527 Nov 14 j 01:50 0∘**⊽** -7522 Sep 16 j 09:47 0° Ω -7527 Dec 14 j 03:23 0° M min. Earth dist. -7522 Sep 19 j 12:52 3°**Ω**12'26 0.98065 AU -7526 Jan 13 j 19:21 0°**√** -7522 Oct 15 j 17:14 -7526 Feb 14 j 00:31 0°ರ -7522 Nov 14 j 06:57 0∘**⊽** -7526 Mar 17 j 13:57 0°≈ -7522 Dec 14 j 08:27 $0^{\circ}M$ max. Earth dist. -7526 Mar 19 j 14:44 1°≈55'37 1.01938 AU -7521 Jan 14 j 00:22 0°×7 -7526 Apr 18 j 04:12 0°**∀** -7521 Feb 14 j 05:31 -7526 May 19 j 11:33 $0^{\circ}\Upsilon$ -7521 Mar 17 j 18:57 0°≈ -7526 Jun 19 j 06:23 9° max. Earth dist. -7521 Mar 19 j 20:57 1°≈58'35 1.01942 AU -7526 Jul 19 i 10:40 Π °0 -7521 Apr 18 i 09:13 0°**)**€ -7526 Aug 18 j 02:20 0ಂತಾ -7521 May 19 j 16:35 $0^{\circ}\Upsilon$ -7526 Sep 16 j 10:28 $0^{\circ}\Omega$ -7521 Jun 19 j 11:25 0°8 min. Earth dist. -7526 Sep 19 j 01:49 2°**Ω**42'17 0.98056 AU -7521 Jul 19 j 15:42 $\Pi^{\circ}0$ -7526 Oct 15 j 17:53 -7521 Aug 18 j 07:21 0° mb 0.00 -7526 Nov 14 j 07:36 0∘ഹ -7521 Sep 16 j 15:27 $0^{\circ}\Omega$ -7521 Sep 20 j 04:17 -7526 Dec 14 j 09:08 $0^{\circ}M$ min. Earth dist. 3°**Ω**37'19 0.98055 AU -7521 Oct 15 j 22:51 -7525 Jan 14 j 01:05 0°×7 0° m 0°정 -7525 Feb 14 j 06:16 -7521 Nov 14 j 12:33 0∘ಹ -7525 Mar 17 j 19:44 -7521 Dec 14 j 14:04 0°M 0°≈ 4°≈10'07 1.01941 AU -7525 Mar 22 j 05:15 -7520 Jan 14 j 06:02 0°**∡**7 max. Earth dist. -7525 Apr 18 j 10:01 0°**)** -7520 Feb 14 j 11:16 0°궁 -7525 May 19 j 17:24 $0^{\circ}\Upsilon$ -7520 Mar 17 j 00:48 0°≈ -7525 Jun 19 j 12:16 0° 8 -7520 Mar 20 j 21:07 max. Earth dist. 3°≈38'47 1.01942 AU -7525 Jul 19 j 16:35 Π $^{\circ}0$ -7520 Apr 17 j 15:09 0°**₩** $0^{\circ}\Upsilon$ -7525 Aug 18 j 08:16 0ಂತಾ -7520 May 18 j 22:34 -7525 Sep 16 j 16:23 $0^{\circ}\Omega$ -7520 Jun 18 j 17:25 0°8 min. Earth dist. -7525 Sep 18 j 21:04 2°**Ω**15'02 0.98060 AU -7520 Jul 18 j 21:41 $\Pi^{\circ}0$ -7525 Oct 15 j 23:46 -7520 Aug 17 j 13:19 0ಂತಾ -7525 Nov 14 j 13:28 0∘**⊽** -7520 Sep 15 j 21:24 -7525 Dec 14 j 14:59 $0^{\circ}M$ -7520 Sep 17 j 14:41 1°Ω45'47 0.98056 AU min. Earth dist. -7520 Oct 15 j 04:47 -7524 Jan 14 j 06:57 0°×7 0° m 0°る -7524 Feb 14 j 12:09 -7520 Nov 13 j 18:28 -7524 Mar 17 j 01:36 -7520 Dec 13 j 20:01 max. Earth dist. -7524 Mar 19 j 13:57 2°≈23'08 1.01944 AU -7519 Jan 13 j 12:00 0°×7 -7524 Apr 17 j 15:51 0°**)**€ -7519 Feb 13 i 17:12 0°궁 -7524 May 18 j 23:11 $0^{\circ}\Upsilon$ -7519 Mar 17 i 06:40 0°≈ -7524 Jun 18 j 17:59 0°8 max. Earth dist. -7519 Mar 20 i 19:07 3°≈20'15 1.01945 AU -7524 Jul 18 j 22:16 $0^{\circ}II$ -7519 Apr 17 j 20:56 0°\ 0ಂತಾ -7519 May 19 j 04:18 $0^{\circ}\Upsilon$ -7524 Aug 17 j 13:56 0°8 -7524 Sep 15 j 22:03 $0^{\circ}\Omega$ -7519 Jun 18 j 23:08 4°**Ω**01'34 0.98058 AU -7519 Jul 19 j 03:25 min Earth dist -7524 Sep 19 j 20:20 $0^{\circ}\Pi$ -7524 Oct 15 j 05:28 0° mb -7519 Aug 17 j 19:05 0°9 0∘**⊽** -7519 Sep 16 j 03:12 0° Ω -7524 Nov 13 j 19:11 $0^{\circ}M$ min. Earth dist. -7519 Sep 19 j 23:10 3°**Ω**55'44 0.98059 AU -7524 Dec 13 j 20:44 0°⊀ -7523 Jan 13 j 12:44 -7519 Oct 15 j 10:36 0° m 0°궁 -7523 Feb 13 j 17:59 -7519 Nov 14 j 00:18 0∘ଫ -7523 Mar 17 j 07:28 0°≈ -7519 Dec 14 j 01:49 0°M 2°≈31'59 1.01938 AU max. Earth dist. -7523 Mar 19 j 23:35 -7518 Jan 13 j 17:46 0°**⊼** -7523 Apr 17 j 21:44 0°**₩** -7518 Feb 13 j 22:57 0°궁 $0^{\circ} \Upsilon$ -7523 May 19 j 05:04 -7518 Mar 17 j 12:24 -7523 Jun 18 j 23:52 0°8 max. Earth dist. -7518 Mar 19 j 11:45 1°≈52'14 1.01941 AU -7523 Jul 19 j 04:08 $0^{\circ}II$ -7518 Apr 18 j 02:41 0°**)**€

-7518 May 19 j 10:04

-7518 Jun 19 j 04:58

-7518 Jul 19 j 09:19

 $0^{\circ}\Upsilon$

0°8

 $\Pi^{\circ}0$

-7523 Aug 17 j 19:49

-7523 Sep 16 j 03:58

-7523 Sep 18 j 05:28

min. Earth dist.

0 \circ \odot

2°Ω06'47 0.98059 AU

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 41 Attention, astronomical year style is used: The year -7518 in astronomical counting style is the year 7519 BCE in historical counting style. -7518 Aug 18 j 01:01 0ಂತಾ -7513 May 19 j 15:13 $0^{\circ}\Upsilon$ -7518 Sep 16 j 09:07 $0^{\circ}\Omega$ -7513 Jun 19 j 10:10 0°X -7518 Sep 19 j 11:19 3°**Ω**10'02 0.98052 AU -7513 Jul 19 j 14:35 $\Pi^{\circ}0$ min Earth dist -7518 Oct 15 j 16:28 0° m -7513 Aug 18 j 06:20 0ംഉ -7518 Nov 14 j 06:05 0∘**⊽** -7513 Sep 16 j 14:28 0° Ω -7518 Dec 14 j 07:31 0°M min. Earth dist. -7513 Sep 20 j 13:38 4°**Ω**03'48 0.98056 AU -7517 Jan 13 j 23:26 0°**∡**¹ -7513 Oct 15 j 21:51 0° m -7517 Feb 14 j 04:38 0°궁 -7513 Nov 14 j 11:30 0∘ಹ 0° M -7517 Mar 17 j 18:09 0°≈ -7513 Dec 14 j 12:57 max. Earth dist. -7517 Mar 22 j 05:27 4°≈14'19 1.01944 AU -7512 Jan 14 j 04:51 0°**∡**7 -7517 Apr 18 j 08:30 0°**)**€ -7512 Feb 14 j 10:00 0°정 $0^{\circ}\Upsilon$ -7517 May 19 j 15:57 -7512 Mar 16 j 23:28 0°≈ -7517 Jun 19 j 10:53 0°8 max. Earth dist. -7512 Mar 20 j 12:55 3°≈22'31 1.01938 AU -7517 Jul 19 j 15:16 $0^{\circ}II$ -7512 Apr 17 j 13:46 0°**)**€ -7517 Aug 18 j 07:00 0ಂತಾ -7512 May 18 j 21:13 $0^{\circ}\Upsilon$ -7517 Sep 16 j 15:07 $0^{\circ}\Omega$ -7512 Jun 18 j 16:09 0°8 min. Earth dist. -7517 Sep 18 j 19:04 2°**Ω**13'08 0.98057 AU -7512 Jul 18 j 20:33 $\Pi^{\circ}0$ -7517 Oct 15 j 22:28 0° m -7512 Aug 17 j 12:18 0ಂತಾ -7517 Nov 14 j 12:04 0∘**⊽** -7512 Sep 15 j 20:27 $0^{\circ}\Omega$ -7517 Dec 14 j 13:29 $0^{\circ}M$ min. Earth dist. -7512 Sep 17 j 21:38 2°**Ω**06'00 0.98058 AU -7516 Jan 14 j 05:22 0° **₹** -7512 Oct 15 j 03:50 0° m -7516 Feb 14 i 10:32 0°궁 -7512 Nov 13 j 17:29 0∘**⊽** -7516 Mar 17 i 00:01 0°≈ -7512 Dec 13 i 18:57 $0^{\circ}M$ max. Earth dist. -7516 Mar 19 j 22:59 2°≈48'18 1.01948 AU -7511 Jan 13 j 10:52 0°×7 -7516 Apr 17 j 14:21 0°**∀** -7511 Feb 13 j 16:02 0°궁 -7516 May 18 j 21:46 $0^{\circ}\Upsilon$ -7511 Mar 17 j 05:27 0°≈≈ -7516 Jun 18 j 16:39 9° -7511 Mar 21 j 02:43 max Earth dist 3°≈41'10 1.01941 AU -7516 Jul 18 j 21:00 -7511 Apr 17 j 19:41 0°**₩** 0°П $0^{\circ}\Upsilon$ -7516 Aug 17 j 12:43 000 -7511 May 19 j 03:03 0° 8 -7516 Sep 15 j 20:51 0° Ω -7511 Jun 18 j 21:55 min. Earth dist. -7516 Sep 20 j 01:04 4°**Ω**16'47 0.98058 AU -7511 Jul 19 j 02:17 Π $^{\circ}0$ 0°M) -7516 Oct 15 j 04:16 -7511 Aug 17 j 18:03 0ಂತಾ -7516 Nov 13 j 17:55 0∘**⊽** -7511 Sep 16 j 02:15 $0^{\circ}\Omega$ $0^{\circ}M$ -7511 Sep 19 j 20:32 -7516 Dec 13 j 19:21 min. Earth dist. 3°**Ω**51'23 0.98064 AU -7511 Oct 15 j 09:42 -7515 Jan 13 j 11:14 0°⊀ 0° m -7515 Feb 13 j 16:23 0°궁 -7511 Nov 13 j 23:23 0∘ଫ -7515 Mar 17 j 05:52 0°≈ -7511 Dec 14 j 00:50 0°M max. Earth dist. -7515 Mar 19 j 19:37 2°≈26'21 1.01941 AU -7510 Jan 13 j 16:43 0°**⊼** -7515 Apr 17 j 20:12 0°**)**€ -7510 Feb 13 j 21:49 0°ರ -7515 May 19 j 03:39 $0^{\circ}\Upsilon$ -7510 Mar 17 j 11:14 0°≈ -7515 Jun 18 j 22:34 0° 8 max. Earth dist. -7510 Mar 19 j 12:48 1°≈57'32 1.01940 AU -7515 Jul 19 j 02:55 $\mathbb{I}^{\circ 0}$ -7510 Apr 18 j 01:29 -7515 Aug 17 j 18:38 -7510 May 19 j 08:52 $0^{\circ}\Upsilon$ 0ಂತಾ -7515 Sep 16 j 02:47 -7510 Jun 19 j 03:45 0° 8 $0^{\circ}\Omega$ 2°Ω28'46 0.98058 AU -7510 Jul 19 j 08:08 min. Earth dist. -7515 Sep 18 j 12:52 $0^{\circ}\Pi$ -7515 Oct 15 i 10:13 0° m -7510 Aug 17 j 23:53 0ಂತ -7515 Nov 13 i 23:54 0∘**⊽** -7510 Sep 16 i 08:04 $0^{\circ}\Omega$ -7515 Dec 14 i 01:20 0°M min. Earth dist. -7510 Sep 19 i 18:23 3°**Ω**30'50 0.98057 AU -7514 Jan 13 i 17:11 0°**∡**¹ -7510 Oct 15 j 15:29 0° m -7514 Feb 13 j 22:17 0°궁 -7510 Nov 14 j 05:07 0∘Ω -7510 Dec 14 j 06:31 0°M -7514 Mar 17 j 11:41 0°≈≈ 4°≈18'52 1.01940 AU 0°×7 max Earth dist -7514 Mar 22 j 00:53 -7509 Jan 13 j 22:22 0°**₩** -7514 Apr 18 j 01:59 -7509 Feb 14 j 03:30 0°중 $0^{\circ}\Upsilon$ -7514 May 19 j 09:25 -7509 Mar 17 j 16:59 0°≈ -7514 Jun 19 j 04:21 0° 8 max. Earth dist. -7509 Mar 22 j 04:26 4°≈14'38 1.01942 AU -7514 Jul 19 j 08:46 $0^{\circ}II$ -7509 Apr 18 j 07:20 0°**)**€ 0ಂಣ -7509 May 19 j 14:49 0° -7514 Aug 18 j 00:32 $0^{\circ}\Omega$ -7509 Jun 19 j 09:45 0°8 -7514 Sep 16 j 08:43 2°**Ω**56'22 0.98064 AU -7509 Jul 19 j 14:08 $0^{\circ}\Pi$ min. Earth dist. -7514 Sep 19 j 05:32 -7514 Oct 15 j 16:09 0° m -7509 Aug 18 j 05:52 0ಂತಾ -7514 Nov 14 j 05:50 0∘**⊽** -7509 Sep 16 j 14:00 0 \circ Ω -7514 Dec 14 j 07:16 $0^{\circ}M$ min. Earth dist. -7509 Sep 18 j 13:55 2°**Ω**02'46 0.98058 AU -7513 Jan 13 j 23:06 0°⊀ -7509 Oct 15 j 21:24 0° m -7513 Feb 14 j 04:10 0°궁 -7509 Nov 14 j 11:01 0∘**⊽** -7513 Mar 17 j 17:32 0°≈ -7509 Dec 14 j 12:26 0°M

2°≈22'15 1.01940 AU

0°**)**€

-7508 Jan 14 j 04:17

-7508 Feb 14 j 09:25

0°**∡**7

0°정

max. Earth dist.

-7513 Mar 20 j 05:30

-7513 Apr 18 j 07:47

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|---------------------|----------------------|---------------------|--------------------|-------------------------|----------------------|------------------------------|------------|
| Attention, astronom | | - | n astronomicai cou | nting style is the year | 7504 Dec 12 i 17:24 | | |
| en al en a | -7508 Mar 16 j 22:52 | 0°≈ | 1 01040 477 | | -7504 Dec 13 j 17:34 | 0° M . | |
| max. Earth dist. | -7508 Mar 20 j 07:28 | | 1.01948 AU | | -7503 Jan 13 j 09:22 | 0° ∡ ¹ | |
| | -7508 Apr 17 j 13:12 | 0° ∀ | | | -7503 Feb 13 j 14:26 | 0°ප | |
| | -7508 May 18 j 20:39 | 0° Υ | | | -7503 Mar 17 j 03:51 | 0° ≈ | |
| | -7508 Jun 18 j 15:33 | 0° 8 | | max. Earth dist. | -7503 Mar 21 j 13:07 | 4° ≈ 09'36 | 1.01943 AU |
| | -7508 Jul 18 j 19:54 | Π °0 | | | -7503 Apr 17 j 18:09 | 0° ∀ | |
| | -7508 Aug 17 j 11:36 | 0 \circ \odot | | | -7503 May 19 j 01:36 | 0 ° Υ | |
| | -7508 Sep 15 j 19:43 | $0^{\circ}\Omega$ | | | -7503 Jun 18 j 20:33 | 9° 8 | |
| min. Earth dist. | -7508 Sep 19 j 23:18 | 4° Ω 15'11 | 0.98057 AU | | -7503 Jul 19 j 00:59 | $\Pi^{\circ}0$ | |
| | -7508 Oct 15 j 03:06 | 0° m y | | | -7503 Aug 17 j 16:46 | 0°€ | |
| | -7508 Nov 13 j 16:45 | 0∘ ⊽ | | | -7503 Sep 16 j 00:58 | $0^{\circ}\Omega$ | |
| | -7508 Dec 13 j 18:12 | 0°M | | min. Earth dist. | -7503 Sep 19 j 11:46 | 3° £ 32′12 | 0.98065 AU |
| | -7507 Jan 13 j 10:05 | 0° ⊼ ¹ | | min. Darun dige. | -7503 Oct 15 j 08:25 | 0° m) | 0.90000110 |
| | -7507 Feb 13 j 15:13 | 0°ਤ | | | -7503 Nov 13 j 22:04 | 0∘ ಹ ೧.ឃ | |
| | -7507 Mar 17 j 04:40 | 0°≈ | | | • | 0° ™ | |
| E (1 E) | | | 1 01041 411 | | -7503 Dec 13 j 23:27 | | |
| max. Earth dist. | -7507 Mar 19 j 12:46 | 2°≈12'58 | 1.01941 AU | | -7502 Jan 13 j 15:14 | 0° ∡ ¹ | |
| | -7507 Apr 17 j 19:00 | 0° ∀ | | | -7502 Feb 13 j 20:14 | 0°ප | |
| | -7507 May 19 j 02:28 | 0 ° Υ | | | -7502 Mar 17 j 09:35 | 0° ≈ | |
| | -7507 Jun 18 j 21:25 | 9° 8 | | max. Earth dist. | -7502 Mar 19 j 19:46 | 2° ≈ 17'59 | 1.01940 AU |
| | -7507 Jul 19 j 01:48 | Π $^{\circ}0$ | | | -7502 Apr 17 j 23:51 | 0° ℋ | |
| | -7507 Aug 17 j 17:32 | 0 \circ \odot | | | -7502 May 19 j 07:19 | 0 ° Υ | |
| | -7507 Sep 16 j 01:39 | $0^{\circ}\Omega$ | | | -7502 Jun 19 j 02:19 | $B_{\circ 0}$ | |
| min. Earth dist. | -7507 Sep 18 j 20:33 | 2° Ω 51′20 | 0.98054 AU | | -7502 Jul 19 j 06:47 | $\Pi^{\circ}0$ | |
| | -7507 Oct 15 j 09:01 | 0° m) | | | -7502 Aug 17 j 22:35 | 0°© | |
| | -7507 Nov 13 j 22:38 | 0∘ ⊽ | | | -7502 Sep 16 j 06:45 | 0°N | |
| | -7507 Dec 14 j 00:02 | 0°M | | min. Earth dist. | -7502 Sep 20 j 02:20 | 3° Ω 54'35 | 0.98056 AU |
| | | 0° ⊼ ¹ | | iiiii. Eartii uist. | | | 0.98030 AU |
| | -7506 Jan 13 j 15:53 | | | | -7502 Oct 15 j 14:08 | 0° m/y | |
| | -7506 Feb 13 j 20:59 | ව°0 | | | -7502 Nov 14 j 03:44 | 0∘ 亚 | |
| | -7506 Mar 17 j 10:24 | 0° ≈ | | | -7502 Dec 14 j 05:05 | 0° M ₊ | |
| max. Earth dist. | -7506 Mar 22 j 02:56 | 4° ≈ 26'46 | 1.01941 AU | | -7501 Jan 13 j 20:51 | 0° ∡ | |
| | -7506 Apr 18 j 00:43 | 0° ∀ | | | -7501 Feb 14 j 01:55 | 0°ಕ | |
| | -7506 May 19 j 08:11 | 0° Y | | | -7501 Mar 17 j 15:19 | 0° ≈ | |
| | -7506 Jun 19 j 03:10 | 9° 8 | | max. Earth dist. | -7501 Mar 22 j 01:40 | 4°≈12'02 | 1.01939 AU |
| | -7506 Jul 19 j 07:38 | Π $^{\circ}0$ | | | -7501 Apr 18 j 05:40 | 0° ∀ | |
| | -7506 Aug 17 j 23:27 | 0ಂಣ | | | -7501 May 19 j 13:12 | $0^{\circ}\mathbf{\Upsilon}$ | |
| | -7506 Sep 16 j 07:37 | $0^{\circ}\Omega$ | | | -7501 Jun 19 j 08:15 | 9° 8 | |
| min. Earth dist. | -7506 Sep 19 j 00:18 | 2° Ω 45'47 | 0.98060 AU | | -7501 Jul 19 j 12:45 | 0°II | |
| | -7506 Oct 15 j 14:59 | 0° mp | | | -7501 Aug 18 j 04:34 | 0 ಲ | |
| | -7506 Nov 14 j 04:33 | 0∘ ʊ ი აზ | | | -7501 Sep 16 j 12:43 | 0°Ω | |
| | -7506 Nov 14 j 04:33 | 0°M | | min. Earth dist. | -7501 Sep 18 j 17:31 | 2° Ω 15'17 | 0.98056 AU |
| | | | | iiiii. Eartii uist. | | | 0.98030 AU |
| | -7505 Jan 13 j 21:41 | 0° ⊼ | | | -7501 Oct 15 j 20:04 | 0° m/y | |
| | -7505 Feb 14 j 02:45 | 0°ප | | | -7501 Nov 14 j 09:38 | 0° ™ | |
| | -7505 Mar 17 j 16:09 | 0° ≈ | | | -7501 Dec 14 j 10:58 | 0° M ₊ | |
| max. Earth dist. | -7505 Mar 20 j 11:38 | 2°≈40'03 | 1.01944 AU | | -7500 Jan 14 j 02:46 | 0° ∡ ¹ | |
| | -7505 Apr 18 j 06:27 | 0°) € | | | -7500 Feb 14 j 07:51 | 0°ಕ | |
| | -7505 May 19 j 13:55 | 0° Y | | | -7500 Mar 16 j 21:16 | 0° ≈ | |
| | -7505 Jun 19 j 08:55 | 9° 8 | | max. Earth dist. | -7500 Mar 20 j 15:31 | 3° ≈ 34′01 | 1.01945 AU |
| | -7505 Jul 19 j 13:22 | Π °0 | | | -7500 Apr 17 j 11:34 | 0° ℋ | |
| | -7505 Aug 18 j 05:09 | 0 \circ \odot | | | -7500 May 18 j 19:02 | 0 ° Υ | |
| | -7505 Sep 16 j 13:19 | $0^{\circ}\Omega$ | | | -7500 Jun 18 j 14:01 | 8° 0 | |
| min. Earth dist. | -7505 Sep 20 j 20:59 | 4° Ω 25'38 | 0.98056 AU | | -7500 Jul 18 j 18:28 | $\Pi^{\circ}0$ | |
| | -7505 Oct 15 j 20:40 | 0° m/y | | | -7500 Aug 17 j 10:16 | 0ം ഉ | |
| | -7505 Nov 14 j 10:14 | 0∘ <u>v</u> | | | -7500 Sep 15 j 18:26 | $0^{\circ}\Omega$ | |
| | -7505 Dec 14 j 11:34 | 0°M | | min. Earth dist. | -7500 Sep 20 j 01:35 | 4° Ω 24'21 | 0.98059 AU |
| | -7504 Jan 14 j 03:22 | 0° ⊼ ¹ | | mm. Earth dist. | -7500 Oct 15 j 01:49 | 0° m) | 0.70037710 |
| | -7504 Feb 14 j 08:28 | 0°ਤ | | | -7500 Nov 13 j 15:24 | 0∘ ত مالا | |
| | | 0°≈ | | | · | 0° m ₊ | |
| en al en a | -7504 Mar 16 j 21:57 | | 1 01041 477 | | -7500 Dec 13 j 16:46 | | |
| max. Earth dist. | -7504 Mar 20 j 04:10 | 3°≈05'22 | 1.01941 AU | | -7499 Jan 13 j 08:35 | 0° ∡ | |
| | -7504 Apr 17 j 12:19 | 0°) | | | -7499 Feb 13 j 13:40 | 0°ප | |
| | -7504 May 18 j 19:49 | 0° Υ | | | -7499 Mar 17 j 03:05 | 0° ≈ | |
| | -7504 Jun 18 j 14:49 | 0° 8 | | max. Earth dist. | -7499 Mar 19 j 09:43 | 2° ≈ 09'30 | 1.01941 AU |
| | -7504 Jul 18 j 19:15 | Π °0 | | | -7499 Apr 17 j 17:23 | 0° ∀ | |
| | -7504 Aug 17 j 11:02 | 0°ಅ | | | -7499 May 19 j 00:52 | $0^{\circ}\Upsilon$ | |
| | -7504 Sep 15 j 19:13 | $0^{\circ}\Omega$ | | | -7499 Jun 18 j 19:51 | 9° 8 | |
| min. Earth dist. | -7504 Sep 18 j 03:22 | 2° Ω 23'48 | 0.98057 AU | | -7499 Jul 19 j 00:19 | 0° Ⅱ | |
| | -7504 Oct 15 j 02:36 | 0° m/y | | | -7499 Aug 17 j 16:08 | 0ංම | |
| | -7504 Nov 13 j 16:12 | 0∘ ত | | | -7499 Sep 16 j 00:20 | 0° U | |
| | | | | | 20p 10 j 00.20 | - 50 | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 43 Attention, astronomical year style is used: The year -7499 in astronomical counting style is the year 7500 BCE in historical counting style.

| Attention, astronom | ical year style is used: The | year -7499 i | n astronomical cou | nting style is the year | 7500 BCE in historical co | unting style. | |
|---------------------|--|------------------------|--------------------|-------------------------|--|------------------------------|------------|
| min. Earth dist. | -7499 Sep 19 j 06:05 | 3° Ω 19′08 | 0.98057 AU | | -7494 Jul 19 j 05:41 | Π °0 | |
| | -7499 Oct 15 j 07:44 | 0° m | | | -7494 Aug 17 j 21:33 | 0₀ © | |
| | -7499 Nov 13 j 21:19 | 0∘ ⊽ | | | -7494 Sep 16 j 05:45 | 0° Ω | |
| | -7499 Dec 13 j 22:39 | 0°M | | min. Earth dist. | -7494 Sep 20 j 12:37 | 4° Ω 23'34 | 0.98055 AU |
| | -7498 Jan 13 j 14:23 | 0°⊀ 0°= | | | -7494 Oct 15 j 13:04 | 0° m) | |
| | -7498 Feb 13 j 19:26 -7498 Mar 17 j 08:50 | 5°0 ≫°0 | | | -7494 Nov 14 j 02:34 -7494 Dec 14 j 03:49 | 0₀ ル 0∘ಹ | |
| max. Earth dist. | -7498 Mar 22 j 04:34 | 0 ∞ 4°≈34'18 | 1.01940 AU | | -7494 Dec 14 j 03.49 | 0° ⊼ ¹ | |
| max. Lattii dist. | -7498 Apr 17 j 23:10 | 0° ∀ | 1.01740 AO | | -7493 Feb 14 j 00:33 | 0°ਤੇ | |
| | -7498 May 19 j 06:40 | 0° Υ | | | -7493 Mar 17 j 13:59 | 0° ≈ | |
| | -7498 Jun 19 j 01:41 | 0°8 | | max. Earth dist. | -7493 Mar 21 j 16:09 | 3° ≈ 52'38 | 1.01941 AU |
| | -7498 Jul 19 j 06:11 | Π° | | | -7493 Apr 18 j 04:22 | 0°) € | |
| | -7498 Aug 17 j 22:02 | 0°€ | | | -7493 May 19 j 11:58 | $0^{\circ}\Upsilon$ | |
| | -7498 Sep 16 j 06:15 | $0^{\circ}\Omega$ | | | -7493 Jun 19 j 07:05 | 9° 8 | |
| min. Earth dist. | -7498 Sep 18 j 17:20 | | 0.98062 AU | | -7493 Jul 19 j 11:40 | Π °0 | |
| | -7498 Oct 15 j 13:40 | 0° m) | | | -7493 Aug 18 j 03:32 | 0₀ © | |
| | -7498 Nov 14 j 03:15 | 0∘ ⊽ | | | -7493 Sep 16 j 11:45 | 0° Ω | |
| | -7498 Dec 14 j 04:33 | 0°M | | min. Earth dist. | -7493 Sep 18 j 23:14 | 2° Ω 32′24 | 0.98056 AU |
| | -7497 Jan 13 j 20:16 | 0°⊀ 0°= | | | -7493 Oct 15 j 19:05 | 0 ்⊽ 0 ்∭ | |
| | -7497 Feb 14 j 01:17 -7497 Mar 17 j 14:40 | 5°0 ≫°0 | | | -7493 Nov 14 j 08:35 -7493 Dec 14 j 09:49 | 0° ™ | |
| max. Earth dist. | -7497 Mar 20 j 20:54 | 0 ≈ 3°≈05'34 | 1.01945 AU | | -7493 Dec 14 j 09:49 | 0° ⊼ | |
| max. Earth dist. | -7497 Apr 18 j 04:59 | 0° ∺ | 1.01943 AO | | -7492 Feb 14 j 06:32 | 0°ਤ ਹ × | |
| | -7497 May 19 j 12:30 | 0° Υ | | | -7492 Mar 16 j 19:58 | 0° ≈ | |
| | -7497 Jun 19 j 07:32 | 0°8 | | max. Earth dist. | -7492 Mar 21 j 01:00 | 3°≈59'35 | 1.01947 AU |
| | -7497 Jul 19 j 12:00 | 0° II | | | -7492 Apr 17 j 10:19 | 0° ∀ | |
| | -7497 Aug 18 j 03:48 | 0°€ | | | -7492 May 18 j 17:52 | $0^{\circ}\Upsilon$ | |
| | -7497 Sep 16 j 11:58 | $0^{\circ}\Omega$ | | | -7492 Jun 18 j 12:55 | 9° 8 | |
| min. Earth dist. | -7497 Sep 20 j 21:46 | 4° Ω 31′06 | 0.98057 AU | | -7492 Jul 18 j 17:26 | Π °0 | |
| | -7497 Oct 15 j 19:20 | 0° m ∕ | | | -7492 Aug 17 j 09:17 | 0 \circ \odot | |
| | -7497 Nov 14 j 08:55 | 0∘ ⊽ | | | -7492 Sep 15 j 17:31 | 0° Ω | |
| | -7497 Dec 14 j 10:15 | 0°M | | min. Earth dist. | -7492 Sep 19 j 22:25 | 4° Ω 18'36 | 0.98062 AU |
| | -7496 Jan 14 j 02:00 | 0° ∡ | | | -7492 Oct 15 j 00:54 | 0° m/ | |
| | -7496 Feb 14 j 07:04 | 5°0 ≫°0 | | | -7492 Nov 13 j 14:28 | 0° Մ 0° ত | |
| max. Earth dist. | -7496 Mar 16 j 20:31 -7496 Mar 19 j 20:50 | | 1.01941 AU | | -7492 Dec 13 j 15:45 -7491 Jan 13 j 07:26 | 0° ⊼ | |
| max. Earth dist. | -7496 Apr 17 j 10:53 | 2 ≈ 31 20 | 1.01941 AO | | -7491 Feb 13 j 12:25 | 0°ਤ ਹ × | |
| | -7496 May 18 j 18:27 | 0° Υ | | | -7491 Mar 17 j 01:48 | 0° ≈ | |
| | -7496 Jun 18 j 13:31 | 0°8 | | max. Earth dist. | -7491 Mar 19 j 14:37 | | 1.01942 AU |
| | -7496 Jul 18 j 18:00 | Π° | | | -7491 Apr 17 j 16:08 | 0°) € | |
| | -7496 Aug 17 j 09:47 | 0°€ | | | -7491 May 18 j 23:40 | $0^{\circ}\Upsilon$ | |
| | -7496 Sep 15 j 17:56 | $0^{\circ}\Omega$ | | | -7491 Jun 18 j 18:44 | 9° 8 | |
| min. Earth dist. | -7496 Sep 18 j 08:35 | 2° Ω 40'30 | 0.98054 AU | | -7491 Jul 18 j 23:16 | Π °0 | |
| | -7496 Oct 15 j 01:16 | 0° ™ | | | -7491 Aug 17 j 15:08 | 0ಂತಾ | |
| | -7496 Nov 13 j 14:51 | 0∘ ⊽ | | | -7491 Sep 15 j 23:21 | 0 \circ Ω | |
| | -7496 Dec 13 j 16:12 | 0°M | | min. Earth dist. | -7491 Sep 19 j 13:36 | 3° Ω 40′52 | 0.98058 AU |
| | -7495 Jan 13 j 07:59 | 0° ⊼ | | | -7491 Oct 15 j 06:46 | 0° m/ | |
| | -7495 Feb 13 j 13:03 | 5°0 ≫°0 | | | -7491 Nov 13 j 20:20 | 0₀ ル 0∘ಹ | |
| max. Earth dist. | -7495 Mar 17 j 02:27 -7495 Mar 21 j 19:20 | 0 ≈ 4°≈27'36 | 1.01942 AU | | -7491 Dec 13 j 21:37 -7490 Jan 13 j 13:16 | 0° ⊼ 7 | |
| max. Earm dist. | -7495 Mar 21 j 19.20 -7495 Apr 17 j 16:47 | 4 ≈2/30 0° H | 1.01942 AU | | -7490 Jan 13 j 13:16 -7490 Feb 13 j 18:13 | 0°る | |
| | -7495 May 19 j 00:17 | 0° Υ | | | -7490 Mar 17 j 07:33 | 0° ≈ | |
| | -7495 Jun 18 j 19:20 | 0°8 | | max. Earth dist. | -7490 Mar 22 j 07:37 | 4°≈44'34 | 1.01937 AU |
| | -7495 Jul 18 j 23:50 | 0° I I | | | -7490 Apr 17 j 21:53 | 0°) € | |
| | -7495 Aug 17 j 15:40 | 0°© | | | -7490 May 19 j 05:27 | $0^{\circ}\mathbf{\Upsilon}$ | |
| | -7495 Sep 15 j 23:51 | $0^{\circ}\Omega$ | | | -7490 Jun 19 j 00:34 | 9° 8 | |
| min. Earth dist. | -7495 Sep 19 j 04:36 | 3° Ω 16′41 | 0.98061 AU | | -7490 Jul 19 j 05:10 | Π °0 | |
| | -7495 Oct 15 j 07:14 | 0° m | | | -7490 Aug 17 j 21:04 | 0 \circ \odot | |
| | -7495 Nov 13 j 20:48 | 0∘ ত | | | -7490 Sep 16 j 05:18 | 0 $^{\circ}\Omega$ | |
| | -7495 Dec 13 j 22:08 | 0°M₊ | | min. Earth dist. | -7490 Sep 18 j 15:16 | 2° Ω 28'31 | 0.98062 AU |
| | -7494 Jan 13 j 13:53 | 0° ⊼ | | | -7490 Oct 15 j 12:42 | 0° m/ | |
| | -7494 Feb 13 j 18:54 | 0° ට | | | -7490 Nov 14 j 02:15 | 0∘ ѿ | |
| may Fauth di-t | -7494 Mar 17 j 08:16 | 0°≈ 2°221!40 | 1.01042.411 | | -7490 Dec 14 j 03:31 | 0°M 0°. 7 | |
| max. Earth dist. | -7494 Mar 20 j 00:13 | 2°≈31'40 0°¥ | 1.01942 AU | | -7489 Jan 13 j 19:11 -7489 Feb 14 j 00:08 | 0° ヹ 0°る | |
| | -7494 Apr 17 j 22:33 -7494 May 19 j 06:03 | 0° Υ | | | -7489 Mar 17 j 13:26 | 0° ≈ | |
| | -7494 Jun 19 j 01:08 | 0°8 | | max. Earth dist. | -7489 Mar 21 j 06:30 | 0 ∞ 3°≈31'16 | 1.01942 AU |
| | | | | water dist. | 21 5 00.50 | 2 . 2 . 3 1 10 | |

| 2 | | | ` | // | U 18-FEU-2U23 14.21 | , , | 44 |
|---------------------|----------------------|-------------------------|-------------------|-------------------------|--|---------------------------------|--------------|
| Attention, astronor | -7489 Apr 18 j 03:43 | 0° H | n astronomicai co | unting style is the yea | ar 7490 BCE in historical co -7484 Feb 14 j 05:04 | unting style. 0°る | |
| | -7489 May 19 j 11:16 | 0° Υ | | | • | 0°≈ | |
| | -7489 Jun 19 j 06:22 | 0° 8 | | max. Earth dist. | -7484 Mar 16 j 18:29 -7484 Mar 21 j 08:57 | 0 ≈ 4°≈21'54 | 1.01947 AU |
| | -7489 Jul 19 j 10:57 | 0°II | | max. Earth dist. | -7484 Apr 17 j 08:52 | 4 ≈21 34 0° H | 1.01947 AU |
| | -7489 Aug 18 j 02:49 | 0 . ಪ | | | -7484 May 18 j 16:27 | 0° Υ | |
| | -7489 Sep 16 j 11:01 | 0°€0 | | | -7484 Jun 18 j 11:34 | 0°8 | |
| min. Earth dist. | -7489 Sep 21 j 01:29 | 4° Ω 43'06 | 0.98059 AU | | -7484 Jul 18 j 16:07 | 0°II | |
| mm. Earth tist. | -7489 Oct 15 j 18:22 | 0° mp | 0.70037710 | | -7484 Aug 17 j 07:57 | 0°© | |
| | -7489 Nov 14 j 07:54 | 0° ت | | | -7484 Sep 15 j 16:07 | 0°Ω | |
| | -7489 Dec 14 j 09:11 | 0° ™ | | min. Earth dist. | -7484 Sep 19 j 11:43 | 3° Ω 54'48 | 0.98059 AU |
| | -7488 Jan 14 j 00:53 | 0° ∡ 7 | | mm. Earth dist. | -7484 Oct 14 j 23:27 | 0° m) | 0.500557110 |
| | -7488 Feb 14 j 05:53 | 0°ਤ | | | -7484 Nov 13 j 12:57 | 0∘ ⊽ | |
| | -7488 Mar 16 j 19:16 | 0° ≈ | | | -7484 Dec 13 j 14:13 | 0° M | |
| max. Earth dist. | -7488 Mar 19 j 13:15 | 2°≈36'26 | 1.01939 AU | | -7483 Jan 13 j 05:54 | 0° ⊼ ¹ | |
| man. Barar alsa. | -7488 Apr 17 j 09:36 | 0° ∀ | 1.01707110 | | -7483 Feb 13 j 10:52 | 0°ਰ | |
| | -7488 May 18 j 17:09 | 0° Υ | | | -7483 Mar 17 j 00:14 | 0° ≈ | |
| | -7488 Jun 18 j 12:14 | 0°8 | | max. Earth dist. | -7483 Mar 19 j 17:29 | 2° ≈ 34'44 | 1.01944 AU |
| | -7488 Jul 18 j 16:48 | 0°II | | man. Barur dige. | -7483 Apr 17 j 14:35 | 0° ∀ | 1.019 11110 |
| | -7488 Aug 17 j 08:41 | 0.ಕಾ ೧.ಕಾ | | | -7483 May 18 j 22:11 | 0° Υ | |
| | -7488 Sep 15 j 16:53 | $0 {\circ} \mathcal{U}$ | | | -7483 Jun 18 j 17:19 | 0°8 | |
| min. Earth dist. | -7488 Sep 18 j 18:26 | 3° Ω 08′21 | 0.98056 AU | | -7483 Jul 18 j 21:55 | 0°II | |
| mm. Earth dist. | -7488 Oct 15 j 00:15 | 0° m) | 0.90020710 | | -7483 Aug 17 j 13:48 | 0°© | |
| | -7488 Nov 13 j 13:46 | 0° ت | | | -7483 Sep 15 j 21:59 | 0°Ω | |
| | -7488 Dec 13 j 15:04 | 0° ™ | | min. Earth dist. | -7483 Sep 19 j 22:21 | 4°Ω06'53 | 0.98053 AU |
| | -7487 Jan 13 j 06:47 | 0° ⊼ | | mm. Lattii dist. | -7483 Oct 15 j 05:18 | 0° m/y | 0.76033 AC |
| | -7487 Feb 13 j 11:48 | ° ਨ ਹ | | | -7483 Nov 13 j 18:46 | 0∘ ಹ | |
| | -7487 Mar 17 j 01:11 | 0°≈ | | | -7483 Dec 13 j 19:57 | 0° ™ | |
| max. Earth dist. | -7487 Mar 21 j 21:37 | 0 ∞ 4°≈36'01 | 1.01939 AU | | -7482 Jan 13 j 11:35 | 0° ⊼ | |
| max. Lattii dist. | -7487 Apr 17 j 15:29 | 0° ∀ | 1.01/3/ AC | | -7482 Feb 13 j 16:31 | °ੇਤ ਨ | |
| | -7487 May 18 j 22:58 | 0° Υ | | | -7482 Mar 17 j 05:53 | 0° ≈ | |
| | -7487 Jun 18 j 18:01 | 0°8 | | max. Earth dist. | -7482 Mar 22 j 02:16 | 0 ~ 4° ≈ 35'50 | 1.01939 AU |
| | -7487 Jul 18 j 22:34 | 0°II | | max. Lartii dist. | -7482 Apr 17 j 20:15 | 0° ∺ | 1.01/3/ AC |
| | -7487 Aug 17 j 14:27 | 0.ಪ ೧.ಪ | | | -7482 May 19 j 03:53 | 0° Υ | |
| | -7487 Sep 15 j 22:43 | $0 {\circ} \mathcal{U}$ | | | -7482 Jun 18 j 23:06 | 0°8 | |
| min. Earth dist. | -7487 Sep 18 j 21:15 | 3° Ω 00'46 | 0.98065 AU | | -7482 Jul 19 j 03:47 | 0°II | |
| mm. Earth dist. | -7487 Oct 15 j 06:08 | 0° my | 0.90000 110 | | -7482 Aug 17 j 19:44 | 0°© | |
| | -7487 Nov 13 j 19:41 | 0∘ ত | | | -7482 Sep 16 j 03:59 | 0°Ω | |
| | -7487 Dec 13 j 20:58 | o° m | | min. Earth dist. | -7482 Sep 18 j 19:37 | | 0.98058 AU |
| | -7486 Jan 13 j 12:39 | 0° ∡ 7 | | mm. Earth dist. | -7482 Oct 15 j 11:18 | 0° m) | 0.90030710 |
| | -7486 Feb 13 j 17:37 | 0°ਤ | | | -7482 Nov 14 j 00:45 | 0∘ ಹ ೧.ฬ | |
| | -7486 Mar 17 j 06:57 | 0° ≈ | | | -7482 Dec 14 j 01:53 | o° m . | |
| max. Earth dist. | -7486 Mar 20 j 06:34 | 2° ≈ 49'52 | 1.01942 AU | | -7481 Jan 13 j 17:28 | 0° ∡ 7 | |
| max. Latin dist. | -7486 Apr 17 j 21:14 | 0° ∀ | 1.01)42 110 | | -7481 Feb 13 j 22:23 | ੁੱਤ | |
| | -7486 May 19 j 04:44 | 0°Υ | | | -7481 Mar 17 j 11:44 | 0° ≈ | |
| | -7486 Jun 18 j 23:48 | 0°8 | | max. Earth dist. | -7481 Mar 21 j 14:56 | 3°≈55'15 | 1.01945 AU |
| | -7486 Jul 19 j 04:21 | 0°II | | man. Barur dige. | -7481 Apr 18 j 02:05 | 0°) € | 1.019 10 110 |
| | -7486 Aug 17 j 20:14 | 0 ಲ | | | -7481 May 19 j 09:43 | 0° Υ | |
| | -7486 Sep 16 j 04:27 | 0°N | | | -7481 Jun 19 j 04:54 | 0°8 | |
| min. Earth dist. | -7486 Sep 20 j 16:21 | 4° Ω 36′27 | 0.98058 AU | | -7481 Jul 19 j 09:33 | 0°II | |
| | -7486 Oct 15 j 11:49 | 0° m) | | | -7481 Aug 18 j 01:30 | 0ಂತಾ | |
| | -7486 Nov 14 j 01:19 | 0∘ <u>ರ</u> | | | -7481 Sep 16 j 09:44 | 0°N | |
| | -7486 Dec 14 j 02:33 | 0°M | | min. Earth dist. | -7481 Sep 21 j 04:31 | 4° Ω 54'10 | 0.98059 AU |
| | -7485 Jan 13 j 18:11 | 0° ∡ 7 | | | -7481 Oct 15 j 17:04 | 0° m) | |
| | -7485 Feb 13 j 23:10 | 8°0 | | | -7481 Nov 14 j 06:30 | 0∘ ⊽ | |
| | -7485 Mar 17 j 12:35 | 0° ≈ | | | -7481 Dec 14 j 07:39 | 0° M . | |
| max. Earth dist. | -7485 Mar 21 j 06:15 | 3° ≈ 32'31 | 1.01941 AU | | -7480 Jan 13 j 23:14 | 0° ∡ 7 | |
| | -7485 Apr 18 j 02:58 | 0°) € | | | -7480 Feb 14 j 04:09 | 0°ප | |
| | -7485 May 19 j 10:35 | 0° Υ | | | -7480 Mar 16 j 17:32 | 0° ≈ | |
| | -7485 Jun 19 j 05:44 | 0°8 | | max. Earth dist. | -7480 Mar 19 j 13:12 | 2°≈40'24 | 1.01943 AU |
| | -7485 Jul 19 j 10:18 | 0°II | | Zarui dibt. | -7480 Apr 17 j 07:56 | 0° \ | |
| | -7485 Aug 18 j 02:09 | 0.ಕಾ ೧.ಕಾ | | | -7480 May 18 j 15:34 | 0° Υ | |
| | -7485 Sep 16 j 10:19 | 0 ° Ω | | | -7480 Jun 18 j 10:45 | 0°8 | |
| min. Earth dist. | -7485 Sep 19 j 00:21 | 2° Ω 38'53 | 0.98055 AU | | -7480 Jul 18 j 15:24 | 0°II | |
| | -7485 Oct 15 j 17:39 | 0° my | | | -7480 Aug 17 j 07:20 | 0°© | |
| | -7485 Nov 14 j 07:09 | 0∘ ⊽ | | | -7480 Sep 15 j 15:35 | 0° Ω | |
| | -7485 Dec 14 j 08:24 | 0° M | | min. Earth dist. | -7480 Sep 19 j 03:40 | _ | 0.98057 AU |
| | -7484 Jan 14 j 00:04 | 0° ∡ 7 | | | -7480 Oct 14 j 22:57 | 0° m) | _ |
| | , | | | | , | - | |

| • | omena of Sun from - | | • | | | | 45 |
|---------------------|--|----------------------------------|--------------------|-------------------------|--|-----------------------------|-------------|
| Attention, astronom | nical year style is used: The | - | n astronomical cou | nting style is the year | | | |
| | -7480 Nov 13 j 12:26 | 0∘ ⊽ | | | -7475 Sep 15 j 20:55 | 0 ° Ω | |
| | -7480 Dec 13 j 13:38 | 0°M⊾ | | min. Earth dist. | -7475 Sep 20 j 05:33 | 4° Ω 28'01 | 0.98059 AU |
| | -7479 Jan 13 j 05:14 | 0° ∡ ¹ | | | -7475 Oct 15 j 04:19 | 0° m y | |
| | -7479 Feb 13 j 10:08 | 0°ප | | | -7475 Nov 13 j 17:48 | 0∘ ⊽ | |
| | -7479 Mar 16 j 23:28 | 0° ≈ | | | -7475 Dec 13 j 18:58 | 0° M - | |
| max. Earth dist. | -7479 Mar 22 j 03:55 | 4°≈54'58 | 1.01939 AU | | -7474 Jan 13 j 10:31 | 0° ∡ ¹ | |
| | -7479 Apr 17 j 13:49 | 0°) € | | | -7474 Feb 13 j 15:24 | 0°ප | |
| | -7479 May 18 j 21:25 | 0° Υ | | | -7474 Mar 17 j 04:45 | 0° ≈ | |
| | -7479 Jun 18 j 16:35 | 0°8 | | max. Earth dist. | -7474 Mar 21 j 16:35 | 4°≈15'35 | 1.01937 AU |
| | -7479 Jul 18 j 21:14 | 0°II | | | -7474 Apr 17 j 19:06 | 0°) € | |
| | -7479 Aug 17 j 13:11 | 0°90 | | | -7474 May 19 j 02:45 | 0° Υ | |
| | -7479 Sep 15 j 21:28 | 0° Ω | 0.00065.433 | | -7474 Jun 18 j 21:57 | 0° B | |
| min. Earth dist. | -7479 Sep 18 j 16:04 | 2° Ω 50'38 | 0.98065 AU | | -7474 Jul 19 j 02:37 | 0°Ⅱ | |
| | -7479 Oct 15 j 04:54 | 0° m/ | | | -7474 Aug 17 j 18:36 | 0°99 | |
| | -7479 Nov 13 j 18:26 | 0∘ 亚 | | . E 4 E 4 | -7474 Sep 16 j 02:52 | 0°N | 0.00060 411 |
| | -7479 Dec 13 j 19:38 | 0°M. | | min. Earth dist. | -7474 Sep 18 j 19:29 | 2° Ω 45'31 | 0.98060 AU |
| | -7478 Jan 13 j 11:14 | 0° ₹ | | | -7474 Oct 15 j 10:15 | 0° m) | |
| | -7478 Feb 13 j 16:05 | 0°る | | | -7474 Nov 13 j 23:43 | 0∘ 亚 | |
| E 4 E 4 | -7478 Mar 17 j 05:21 | 0°≈ | 1 01040 ATT | | -7474 Dec 14 j 00:53 | 0° M 0°. ₹ | |
| max. Earth dist. | -7478 Mar 20 j 17:51 | 3°≈20'26 | 1.01940 AU | | -7473 Jan 13 j 16:26 | 0° ∡ ¹ | |
| | -7478 Apr 17 j 19:38 | 0°) € | | | -7473 Feb 13 j 21:19 | 5°0 | |
| | -7478 May 19 j 03:13 | 0°Υ ••• | | | -7473 Mar 17 j 10:39 | 0°≈ 4°≈ ≈1.050 | 1 01045 ATT |
| | -7478 Jun 18 j 22:24 -7478 Jul 19 j 03:04 | 0° Ⅱ | | max. Earth dist. | -7473 Mar 21 j 22:58 | 4°≈16'50 0°) € | 1.01945 AU |
| | • | 0°© | | | -7473 Apr 18 j 01:01 | 0° Υ | |
| | -7478 Aug 17 j 19:02 -7478 Sep 16 j 03:17 | 0° U | | | -7473 May 19 j 08:40 -7473 Jun 19 j 03:52 | 0°8 | |
| min. Earth dist. | -7478 Sep 10 j 03.17 | 4° Ω 52'37 | 0.98060 AU | | -7473 Jul 19 j 08:30 | 0°I | |
| iiiii. Eartii dist. | -7478 Oct 15 j 10:39 | 0°m) | 0.98000 AC | | -7473 Aug 18 j 00:25 | 0°© | |
| | -7478 Nov 14 j 00:08 | 0∘ ⊽ | | | -7473 Sep 16 j 08:38 | 0°Ω | |
| | -7478 Dec 14 j 01:18 | o° m . | | min. Earth dist. | -7473 Sep 20 j 19:43 | 4° Ω 34'29 | 0.98059 AU |
| | -7477 Jan 13 j 16:53 | 0° ∡ 7 | | mm. Bartin diot. | -7473 Oct 15 j 15:58 | 0° m) | 0.90009110 |
| | -7477 Feb 13 j 21:46 | 0°ප | | | -7473 Nov 14 j 05:26 | 0∘ <mark>ಹ</mark> | |
| | -7477 Mar 17 j 11:06 | 0° ≈ | | | -7473 Dec 14 j 06:36 | 0° M ₊ | |
| max. Earth dist. | -7477 Mar 20 j 23:00 | 3° ≈ 18'52 | 1.01937 AU | | -7472 Jan 13 j 22:11 | 0° ∡ ¹ | |
| | -7477 Apr 18 j 01:27 | 0°) € | | | -7472 Feb 14 j 03:06 | 8°0 | |
| | -7477 May 19 j 09:06 | 0° Υ | | | -7472 Mar 16 j 16:27 | 0° ≈ | |
| | -7477 Jun 19 j 04:20 | 0° 8 | | max. Earth dist. | -7472 Mar 19 j 13:13 | 2° ≈ 43'02 | 1.01944 AU |
| | -7477 Jul 19 j 09:02 | $\Pi^{\circ}0$ | | | -7472 Apr 17 j 06:51 | 0° ∀ | |
| | -7477 Aug 18 j 01:00 | 0 | | | -7472 May 18 j 14:31 | 0° Y | |
| | -7477 Sep 16 j 09:14 | $0^{\circ}\Omega$ | | | -7472 Jun 18 j 09:45 | 0° 8 | |
| min. Earth dist. | -7477 Sep 19 j 09:03 | 3° Ω 03′56 | 0.98056 AU | | -7472 Jul 18 j 14:24 | $\Pi^{\circ}0$ | |
| | -7477 Oct 15 j 16:34 | 0° m) | | | -7472 Aug 17 j 06:19 | 0 \circ \odot | |
| | -7477 Nov 14 j 06:02 | 0∘ ಹ | | | -7472 Sep 15 j 14:30 | $0^{\circ}\Omega$ | |
| | -7477 Dec 14 j 07:13 | 0°M⊾ | | min. Earth dist. | -7472 Sep 19 j 09:35 | 3° Ω 53'19 | 0.98053 AU |
| | -7476 Jan 13 j 22:50 | 0° ∡ ¹ | | | -7472 Oct 14 j 21:49 | 0° m y | |
| | -7476 Feb 14 j 03:47 | 0°ප | | | -7472 Nov 13 j 11:16 | 0∘ ⊽ | |
| | -7476 Mar 16 j 17:09 | 0° ≈ | | | -7472 Dec 13 j 12:27 | 0° M ₊ | |
| max. Earth dist. | -7476 Mar 21 j 14:36 | 4°≈38'28 | 1.01942 AU | | -7471 Jan 13 j 04:03 | 0° ⊼ | |
| | -7476 Apr 17 j 07:29 | 0° \ | | | -7471 Feb 13 j 08:58 | ರ∘ಕ | |
| | -7476 May 18 j 15:04 | 0°Υ | | P 4 F 4 | -7471 Mar 16 j 22:19 | 0° ≈ | 1 01020 444 |
| | -7476 Jun 18 j 10:14 | 0° B | | max. Earth dist. | -7471 Mar 22 j 02:11 | 4°≈53'35 | 1.01939 AU |
| | -7476 Jul 18 j 14:52 | 0° Ⅱ | | | -7471 Apr 17 j 12:41 | 0° Υ 0° Υ | |
| | -7476 Aug 17 j 06:49 | 0ංව 0 | | | -7471 May 18 j 20:20 | | |
| min Earth dist | -7476 Sep 15 j 15:05 | 0°Ω 2°Ω41!24 | 0.00062.411 | | -7471 Jun 18 j 15:34 | 0° H | |
| min. Earth dist. | -7476 Sep 19 j 05:28 -7476 Oct 14 j 22:27 | 3° Ω 41′24 0° m | 0.98063 AU | | -7471 Jul 18 j 20:15 -7471 Aug 17 j 12:13 | 0°© | |
| | -7476 Nov 13 j 11:57 | 0∘ ত س | | | -7471 Sep 15 j 20:27 | 0°€0 | |
| | -7476 Dec 13 j 13:09 | 0° m . | | min. Earth dist. | -7471 Sep 18 j 14:07 | 2° Ω 48'15 | 0.98059 AU |
| | -7475 Jan 13 j 04:46 | 0° ⊼ ° | | mm. Larm dist. | -7471 Oct 15 j 03:47 | 0° m) | 0.76037 AC |
| | -7475 Feb 13 j 09:42 | 0∘ਤ | | | -7471 Nov 13 j 17:13 | 0∘ ت مالا | |
| | -7475 Mar 16 j 23:02 | 0° ≈ | | | -7471 Dec 13 j 18:22 | 0° M ₊ | |
| max. Earth dist. | -7475 Mar 19 j 20:59 | 2° ≈ 45'53 | 1.01942 AU | | -7470 Jan 13 j 09:56 | 0° x 7⊓ | |
| | -7475 Apr 17 j 13:21 | 0° ∀ | | | -7470 Feb 13 j 14:49 | 5°0 | |
| | -7475 May 18 j 20:55 | 0° Y | | | -7470 Mar 17 j 04:07 | 0° ≈ | |
| | -7475 Jun 18 j 16:03 | 0° 8 | | max. Earth dist. | -7470 Mar 21 j 01:10 | 3° ≈ 40'41 | 1.01944 AU |
| | -7475 Jul 18 j 20:41 | $\Pi^{\circ}0$ | | | -7470 Apr 17 j 18:27 | 0° ∀ | |
| | -7475 Aug 17 j 12:39 | 0ಂತಾ | | | -7470 May 19 j 02:05 | 0°Ƴ | |
| | | | | | | | |

| - | omena of Sun from - | | - | | | | 46 |
|---------------------|--|----------------------------|--------------------|-------------------|--|----------------------------|--------------|
| Attention, astronom | ical year style is used: The | - | n astronomical cou | | | | 1 01041 477 |
| | -7470 Jun 18 j 21:19 | 0° B | | max. Earth dist. | -7465 Mar 22 j 08:05 | 4°≈42'25 | 1.01941 AU |
| | -7470 Jul 19 j 02:03 | 0ಂ ಲ 00 | | | -7465 Apr 17 j 23:20 | 0° ∀ 0° Υ | |
| | -7470 Aug 17 j 18:03 -7470 Sep 16 j 02:17 | 0°N 0 €3 | | | -7465 May 19 j 07:01 -7465 Jun 19 j 02:19 | 0° 8 | |
| min. Earth dist. | -7470 Sep 10 j 02:17 -7470 Sep 21 j 02:19 | 5° Ω 07'37 | 0.98057 AU | | -7465 Jul 19 j 07:05 | 0°II | |
| mm. Earth dist. | -7470 Oct 15 j 09:35 | 0° mp | 0.70037 110 | | -7465 Aug 17 j 23:07 | 0 .ಪ | |
| | -7470 Nov 13 j 22:57 | 0∘ ⊽ | | | -7465 Sep 16 j 07:23 | 0°N | |
| | -7470 Dec 14 j 00:00 | 0°M | | min. Earth dist. | -7465 Sep 20 j 16:59 | 4° Ω 30'39 | 0.98061 AU |
| | -7469 Jan 13 j 15:30 | 0°⊀ | | | -7465 Oct 15 j 14:42 | 0° m) | |
| | -7469 Feb 13 j 20:22 | 0°ರ | | | -7465 Nov 14 j 04:06 | 0∘ ত | |
| | -7469 Mar 17 j 09:44 | 0° ≈ | | | -7465 Dec 14 j 05:11 | 0° M | |
| max. Earth dist. | -7469 Mar 20 j 16:07 | 3° ≈ 05'49 | 1.01942 AU | | -7464 Jan 13 j 20:42 | 0° ∡ ¹ | |
| | -7469 Apr 18 j 00:09 | 0° ∀ | | | -7464 Feb 14 j 01:32 | 0°ප | |
| | -7469 May 19 j 07:52 | 0° Υ | | | -7464 Mar 16 j 14:49 | 0° ≈ | |
| | -7469 Jun 19 j 03:10 | 8°0 | | max. Earth dist. | -7464 Mar 19 j 16:01 | 2°≈53'33 | 1.01942 AU |
| | -7469 Jul 19 j 07:55 | 0°© 0°I | | | -7464 Apr 17 j 05:10 -7464 May 18 j 12:50 | 0° ℋ 0° Ƴ | |
| | -7469 Aug 17 j 23:55 -7469 Sep 16 j 08:10 | 0°Ω | | | -7464 Jun 18 j 08:06 | 0° 8 | |
| min. Earth dist. | -7469 Sep 19 j 18:27 | 3° Ω 30'45 | 0.98054 AU | | -7464 Jul 18 j 12:52 | 0°II | |
| mm. Earth dist. | -7469 Oct 15 j 15:28 | 0° mp | 0.70034710 | | -7464 Aug 17 j 04:54 | 0°20 | |
| | -7469 Nov 14 j 04:50 | 0∘ ⊽ | | | -7464 Sep 15 j 13:11 | 0°N | |
| | -7469 Dec 14 j 05:53 | 0°M | | min. Earth dist. | -7464 Sep 19 j 20:01 | 4° Ω 23'23 | 0.98057 AU |
| | -7468 Jan 13 j 21:23 | 0° ∡ ¹ | | | -7464 Oct 14 j 20:31 | 0° m/y | |
| | -7468 Feb 14 j 02:15 | 0°ප | | | -7464 Nov 13 j 09:56 | 0∘ ⊽ | |
| | -7468 Mar 16 j 15:38 | 0° ≈ | | | -7464 Dec 13 j 11:01 | 0° M | |
| max. Earth dist. | -7468 Mar 21 j 21:31 | 4°≈58'23 | 1.01944 AU | | -7463 Jan 13 j 02:32 | 0° ∡ 7 | |
| | -7468 Apr 17 j 06:03 | 0°) € | | | -7463 Feb 13 j 07:22 | 0°る | |
| | -7468 May 18 j 13:45 | 0° Υ | | P 4 P | -7463 Mar 16 j 20:40 | 0°≈ | 1 01000 177 |
| | -7468 Jun 18 j 08:59 | 0° B | | max. Earth dist. | -7463 Mar 21 j 21:34 | 4°≈46'31 | 1.01936 AU |
| | -7468 Jul 18 j 13:41 -7468 Aug 17 j 05:40 | 0°© 0°I | | | -7463 Apr 17 j 11:01 -7463 May 18 j 18:40 | 0° ∀ 0° Υ | |
| | -7468 Sep 15 j 13:57 | 0°Ω | | | -7463 Jun 18 j 13:55 | 0°8 | |
| min. Earth dist. | -7468 Sep 18 j 22:15 | 3° Ω 25'48 | 0.98063 AU | | -7463 Jul 18 j 18:40 | 0°II | |
| | -7468 Oct 14 j 21:18 | 0° m | | | -7463 Aug 17 j 10:43 | 0°95 | |
| | -7468 Nov 13 j 10:43 | 0∘ ⊽ | | | -7463 Sep 15 j 19:03 | $0^{\circ}\Omega$ | |
| | -7468 Dec 13 j 11:49 | 0° M | | min. Earth dist. | -7463 Sep 18 j 14:43 | 2° £ 53′19 | 0.98063 AU |
| | -7467 Jan 13 j 03:20 | 0°⊀ | | | -7463 Oct 15 j 02:27 | 0° m | |
| | -7467 Feb 13 j 08:09 | 0° ප | | | -7463 Nov 13 j 15:53 | 0∘ ত | |
| | -7467 Mar 16 j 21:27 | 0° ≈ | | | -7463 Dec 13 j 16:59 | 0° ™ | |
| max. Earth dist. | -7467 Mar 20 j 07:08 | 3°≈13'43 | 1.01944 AU | | -7462 Jan 13 j 08:28 | 0° ∡ ¹ | |
| | -7467 Apr 17 j 11:48 | 0° ₩ | | | -7462 Feb 13 j 13:16 | 0° ට | |
| | -7467 May 18 j 19:28 -7467 Jun 18 j 14:43 | 0₀ ႘ 0₀� | | max. Earth dist. | -7462 Mar 17 j 02:33 -7462 Mar 21 j 09:56 | 0°≈ 4°≈05'12 | 1.01942 AU |
| | -7467 Jul 18 j 19:26 | 0°II | | max. Earm dist. | -7462 Apr 17 j 16:52 | 4 ≈03 12 0° H | 1.01942 AU |
| | -7467 Aug 17 j 11:26 | 0 .ಪ | | | -7462 May 19 j 00:31 | 0°Υ | |
| | -7467 Sep 15 j 19:43 | 0°N | | | -7462 Jun 18 j 19:46 | 0°8 | |
| min. Earth dist. | -7467 Sep 20 j 12:24 | 4° Ω 48'41 | 0.98060 AU | | -7462 Jul 19 j 00:31 | 0°Щ | |
| | -7467 Oct 15 j 03:06 | 0° m | | | -7462 Aug 17 j 16:34 | 0°€ | |
| | -7467 Nov 13 j 16:32 | 0∘ ⊽ | | | -7462 Sep 16 j 00:51 | $0^{\circ}\Omega$ | |
| | -7467 Dec 13 j 17:36 | 0° M | | min. Earth dist. | -7462 Sep 20 j 23:31 | 5° Ω 04'07 | 0.98061 AU |
| | -7466 Jan 13 j 09:03 | 0° ∡ ¹ | | | -7462 Oct 15 j 08:12 | 0° m | |
| | -7466 Feb 13 j 13:49 | 0°る | | | -7462 Nov 13 j 21:36 | 0∘ ⊽ | |
| Post Pos | -7466 Mar 17 j 03:05 | 0°≈ | 1 01025 177 | | -7462 Dec 13 j 22:39 | 0°M | |
| max. Earth dist. | -7466 Mar 21 j 10:59 | 4°≈06'16 | 1.01935 AU | | -7461 Jan 13 j 14:05 | 0°⊀ 0° - | |
| | -7466 Apr 17 j 17:26 -7466 May 19 j 01:09 | 0° ∀ 0° Υ | | | -7461 Feb 13 j 18:53 -7461 Mar 17 j 08:12 | 0°る 0°≈ | |
| | -7466 Jun 18 j 20:29 | 0°8 | | max. Earth dist. | -7461 Mar 20 j 13:07 | 3°≈02'22 | 1.01942 AU |
| | -7466 Jul 19 j 01:17 | 0°Ⅱ | | max. Dartif dist. | -7461 Apr 17 j 22:37 | 0° ∀ | 1.017 12 110 |
| | -7466 Aug 17 j 17:20 | 0 . ಪ | | | -7461 May 19 j 06:21 | 0°Υ | |
| | -7466 Sep 16 j 01:37 | 0°N | | | -7461 Jun 19 j 01:41 | 0°8 | |
| min. Earth dist. | -7466 Sep 19 j 02:00 | 3° Ω 05′24 | 0.98058 AU | | -7461 Jul 19 j 06:27 | $\Pi^{\circ}0$ | |
| | -7466 Oct 15 j 08:57 | 0° m | | | -7461 Aug 17 j 22:28 | 0₀ © | |
| | -7466 Nov 13 j 22:22 | 0∘ 亚 | | | -7461 Sep 16 j 06:43 | 0 ° Ω | |
| | -7466 Dec 13 j 23:27 | 0°M | | min. Earth dist. | -7461 Sep 19 j 23:40 | 3° Ω 47'50 | 0.98054 AU |
| | -7465 Jan 13 j 14:55 | 0°⊀ ⁷ | | | -7461 Oct 15 j 14:01 | 0° m) | |
| | -7465 Feb 13 j 19:43 | 0° ට | | | -7461 Nov 14 j 03:25 | 0∘ ™ | |
| | -7465 Mar 17 j 08:59 | 0° ≈ | | | -7461 Dec 14 j 04:29 | 0°M | |

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 47 Attention, astronomical year style is used: The year -7460 in astronomical counting style is the year 7461 BCE in historical counting style. -7460 Jan 13 j 19:58 0°**∡**¹ -7456 Oct 14 j 19:33 0° m -7460 Feb 14 j 00:49 0°궁 -7456 Nov 13 j 08:56 0∘Ω -7460 Mar 16 j 14:10 0°≈≈ -7456 Dec 13 j 09:58 oom. -7460 Mar 21 j 23:38 5°≈06'53 1.01942 AU -7455 Jan 13 j 01:22 0°**∡**7 max. Earth dist. -7460 Apr 17 j 04:35 0°**)** -7455 Feb 13 j 06:07 0°궁 $0^{\circ}\Upsilon$ -7460 May 18 j 12:19 -7455 Mar 16 j 19:23 0°≈ -7460 Jun 18 j 07:37 0° 8 max. Earth dist. -7455 Mar 21 j 18:25 4°≈42'07 1.01936 AU -7460 Jul 18 j 12:22 Π $^{\circ}0$ -7455 Apr 17 j 09:45 0°**∀** $0^{\circ}\Upsilon$ -7460 Aug 17 j 04:22 0°9 -7455 May 18 j 17:30 -7460 Sep 15 j 12:37 0° Ω -7455 Jun 18 j 12:52 0°8 min. Earth dist. -7460 Sep 18 j 14:04 3°**Ω**08'15 0.98060 AU -7455 Jul 18 j 17:41 $0^{\circ}\Pi$ -7460 Oct 14 j 19:56 0° M -7455 Aug 17 j 09:46 0ಂತಾ -7460 Nov 13 j 09:20 0∘**⊽** -7455 Sep 15 j 18:06 0° Ω -7460 Dec 13 j 10:26 0° M min. Earth dist. -7455 Sep 18 j 17:09 3°**Ω**01'57 0.98061 AU -7459 Jan 13 j 01:56 0°**√** -7455 Oct 15 j 01:29 -7459 Feb 13 j 06:46 0°ರ -7455 Nov 13 j 14:54 0∘**⊽** -7459 Mar 16 j 20:04 0°≈ -7455 Dec 13 j 15:57 $0^{\circ}M$ max. Earth dist. -7459 Mar 20 j 13:36 3°≈32'20 1.01944 AU -7454 Jan 13 j 07:22 0°×7 -7459 Apr 17 j 10:26 0°**∀** -7454 Feb 13 j 12:06 -7459 May 18 j 18:08 $0^{\circ}\Upsilon$ -7454 Mar 17 j 01:19 0°≈ -7459 Jun 18 j 13:27 9° max. Earth dist. -7454 Mar 21 j 20:28 4°≈33'05 1.01940 AU -7459 Jul 18 j 18:14 Π °0 -7454 Apr 17 j 15:39 0°**∀** -7459 Aug 17 j 10:16 0ಂತಾ -7454 May 18 j 23:21 $0^{\circ}\Upsilon$ -7459 Sep 15 j 18:32 $0^{\circ}\Omega$ -7454 Jun 18 j 18:43 0°8 min. Earth dist. -7459 Sep 20 j 17:56 5°**Ω**05'57 0.98057 AU -7454 Jul 18 j 23:35 $\Pi^{\circ}0$ -7459 Oct 15 j 01:51 -7454 Aug 17 j 15:41 0° mb 0.00 -7454 Sep 15 j 23:58 -7459 Nov 13 j 15:12 0∘ഹ $0^{\circ}\Omega$ 0°M -7454 Sep 20 j 22:02 -7459 Dec 13 j 16:14 min. Earth dist. 5°**Ω**02'36 0.98061 AU -7458 Jan 13 j 07:39 0°⊀ -7454 Oct 15 j 07:16 0° m 0°정 -7458 Feb 13 j 12:26 -7454 Nov 13 j 20:37 0∘ಹ -7458 Mar 17 j 01:43 -7454 Dec 13 j 21:37 0°M 0°≈ max. Earth dist. -7458 Mar 20 j 22:07 3°≈39'02 1.01938 AU -7453 Jan 13 j 13:01 0°**∡**7 -7458 Apr 17 j 16:06 0°**)** -7453 Feb 13 j 17:45 0°궁 -7458 May 18 j 23:51 $0^{\circ}\Upsilon$ -7453 Mar 17 j 07:00 0°≈ 0° 8 -7458 Jun 18 j 19:15 max. Earth dist. -7453 Mar 20 j 13:06 3°≈05'09 1.01940 AU -7458 Jul 19 j 00:07 Π $^{\circ}0$ -7453 Apr 17 j 21:23 0°**₩** $0^{\circ}\Upsilon$ -7458 Aug 17 j 16:13 0ಂತಾ -7453 May 19 j 05:09 -7458 Sep 16 j 00:32 $0^{\circ}\Omega$ -7453 Jun 19 j 00:32 0°8 min. Earth dist. -7458 Sep 19 j 09:49 3°**Ω**28'11 0.98056 AU -7453 Jul 19 j 05:25 $\Pi^{\circ}0$ -7458 Oct 15 j 07:50 -7453 Aug 17 j 21:31 0ಂತಾ -7458 Nov 13 j 21:10 0∘**⊽** -7453 Sep 16 j 05:48 -7458 Dec 13 j 22:09 $0^{\circ}M$ -7453 Sep 20 j 10:22 4° **Ω**17'35 0.98055 AU min. Earth dist. -7453 Oct 15 j 13:05 -7457 Jan 13 j 13:33 0°×7 0°る -7457 Feb 13 j 18:20 -7453 Nov 14 j 02:25 -7453 Dec 14 j 03:24 -7457 Mar 17 j 07:39 max. Earth dist. -7457 Mar 22 j 14:25 5°≈00'31 1.01944 AU -7452 Jan 13 i 18:50 0°×7 -7457 Apr 17 j 22:04 0°**)**€ -7452 Feb 13 i 23:38 0°궁 -7457 May 19 j 05:49 $0^{\circ}\Upsilon$ -7452 Mar 16 j 12:57 -7457 Jun 19 j 01:11 0°8 max. Earth dist. -7452 Mar 21 j 21:54 5°≈05'39 1.01940 AU -7457 Jul 19 j 06:00 $0^{\circ}II$ -7452 Apr 17 j 03:20 0°\ 0ಂತಾ -7452 May 18 j 11:04 $0^{\circ}\Upsilon$ -7457 Aug 17 j 22:05 -7452 Jun 18 j 06:25 0°8 -7457 Sep 16 j 06:23 $0^{\circ}\Omega$ 4°**Ω**12'05 0.98062 AU -7452 Jul 18 j 11:15 min Earth dist -7457 Sep 20 j 08:44 $0^{\circ}\Pi$ -7457 Oct 15 j 13:42 0° m -7452 Aug 17 j 03:20 0ಂತಾ -7457 Nov 14 j 03:03 0∘ଫ -7452 Sep 15 j 11:40 0 \circ Ω 0° M min. Earth dist. 3°**Ω**10'07 0.98062 AU -7457 Dec 14 j 04:02 -7452 Sep 18 j 13:52 0°⊀ -7456 Jan 13 j 19:27 -7452 Oct 14 j 18:59 0° m 0°궁 -7456 Feb 14 j 00:14 -7452 Nov 13 j 08:21 0∘ଫ -7456 Mar 16 j 13:32 0°≈ -7452 Dec 13 j 09:21 0°M 3°≈13'24 1.01945 AU max. Earth dist. -7456 Mar 19 j 23:05 -7451 Jan 13 j 00:47 0°**⊼** -7456 Apr 17 j 03:56 0°**₩** -7451 Feb 13 j 05:34 0°궁 $0^{\circ} \Upsilon$ -7456 May 18 j 11:41 -7451 Mar 16 j 18:50 -7456 Jun 18 j 07:02 0° 8 max. Earth dist. -7451 Mar 20 j 21:23 3°≈53'44 1.01943 AU -7456 Jul 18 j 11:50 Π °0 -7451 Apr 17 j 09:11 0°**)**€

-7451 May 18 j 16:53

-7451 Jun 18 j 12:12

-7451 Jul 18 j 17:01

0°Υ 0°Υ

 $\Pi^{\circ}0$

-7456 Aug 17 j 03:54

-7456 Sep 15 j 12:12

-7456 Sep 20 j 02:44

min. Earth dist.

0 \circ \odot

4° Ω 43'09 0.98058 AU

Planetary Phenomena of Sun from -7900 through -7398 (UT), Astrodienst AG 18-Feb-2025 14:21, page 48 Attention, astronomical year style is used: The year -7451 in astronomical counting style is the year 7452 BCE in historical counting style. -7451 Aug 17 j 09:06 0ಂತಾ -7446 May 18 j 21:48 $0^{\circ}\Upsilon$ -7451 Sep 15 j 17:26 -7446 Jun 18 j 17:14 $0^{\circ}\Omega$ 0°X -7451 Sep 20 j 20:29 -7446 Jul 18 j 22:10 min. Earth dist. $\Pi^{\circ}0$ 5°**Ω**15'18 0.98062 AU -7451 Oct 15 j 00:47 0° mb -7446 Aug 17 j 14:20 0ംഉ -7451 Nov 13 j 14:09 0∘**⊽** -7446 Sep 15 j 22:39 0 \circ Ω -7451 Dec 13 j 15:06 0° M min. Earth dist. -7446 Sep 20 j 19:32 4°**Ω**59'36 0.98060 AU -7450 Jan 13 j 06:26 0°**∡**¹ -7446 Oct 15 j 05:56 0° m -7450 Feb 13 j 11:08 0°궁 -7446 Nov 13 j 19:11 0∘ಹ 0° M -7450 Mar 17 j 00:23 0°≈ -7446 Dec 13 j 20:04 max. Earth dist. -7450 Mar 20 j 15:27 3°≈26'24 1.01938 AU -7445 Jan 13 j 11:22 0°**∡**7 -7450 Apr 17 j 14:47 0°**)**€ -7445 Feb 13 j 16:03 0°ಕ $0^{\circ}\Upsilon$ -7450 May 18 j 22:33 -7445 Mar 17 j 05:19 0°**≈** -7450 Jun 18 j 17:57 0°8 max. Earth dist. -7445 Mar 20 j 16:16 3°≈16'42 1.01944 AU -7450 Jul 18 j 22:49 $0^{\circ}II$ -7445 Apr 17 j 19:45 0°**)**€ -7450 Aug 17 j 14:56 0ಂತಾ -7445 May 19 j 03:34 $0^{\circ}\Upsilon$ -7450 Sep 15 j 23:16 $0^{\circ}\Omega$ -7445 Jun 18 j 23:01 0°8 min. Earth dist. -7450 Sep 19 j 14:39 3°**Ω**43'47 0.98058 AU -7445 Jul 19 j 03:58 $\Pi^{\circ}0$ -7450 Oct 15 j 06:36 0° m -7445 Aug 17 j 20:08 0ಂತಾ -7450 Nov 13 j 19:57 0∘**⊽** -7445 Sep 16 j 04:28 $0^{\circ}\Omega$ -7450 Dec 13 j 20:54 $0^{\circ}M$ min. Earth dist. -7445 Sep 20 j 19:30 4°**Ω**44'27 0.98056 AU -7449 Jan 13 j 12:16 0° **₹** -7445 Oct 15 j 11:45 0° m -7449 Feb 13 i 16:59 0°궁 -7445 Nov 14 i 01:01 0∘**⊽** -7449 Mar 17 i 06:15 -7445 Dec 14 i 01:55 $0^{\circ}M$ 0°≈ max. Earth dist. -7449 Mar 22 j 20:35 5°≈18'25 1.01943 AU -7444 Jan 13 i 17:13 0°×7 -7449 Apr 17 j 20:41 0°**)**€ -7444 Feb 13 j 21:55 0°궁 -7449 May 19 j 04:29 $0^{\circ}\Upsilon$ -7444 Mar 16 j 11:12 0°≈≈ -7449 Jun 18 j 23:53 9° max Earth dist -7444 Mar 21 j 21:55 5°≈09'46 1.01940 AU -7449 Jul 19 j 04:43 0°П -7444 Apr 17 j 01:39 0° H $0^{\circ}\Upsilon$ -7449 Aug 17 j 20:47 000 -7444 May 18 j 09:29 -7444 Jun 18 j 04:55 0° 8 -7449 Sep 16 j 05:04 0 $^{\circ}\Omega$ -7444 Jul 18 j 09:48 min. Earth dist. -7449 Sep 19 j 19:25 3°**Ω**41'20 0.98060 AU Π $^{\circ}0$ -7449 Oct 15 j 12:21 -7444 Aug 17 j 01:56 0° m 0ಂತಾ -7449 Nov 14 j 01:41 0∘**⊽** -7444 Sep 15 j 10:17 $0^{\circ}\Omega$ $0^{\circ}M$ -7449 Dec 14 j 02:40 min. Earth dist. -7444 Sep 18 j 12:40 3°**Ω**10'31 0.98062 AU -7448 Jan 13 j 18:04 0°⊀ -7444 Oct 14 j 17:38 0° m -7448 Feb 13 j 22:48 0°궁 -7444 Nov 13 j 06:59 0∘ଫ -7448 Mar 16 j 12:04 0°≈ -7444 Dec 13 j 07:56 0°M max. Earth dist. -7448 Mar 20 j 05:33 3°≈32'12 1.01946 AU -7443 Jan 12 j 23:15 0°**⊼** -7448 Apr 17 j 02:29 0°**)**€ -7443 Feb 13 j 03:56 0°ರ -7448 May 18 j 10:16 $0^{\circ}\Upsilon$ -7443 Mar 16 j 17:10 0°≈ -7448 Jun 18 j 05:41 0° 8 max. Earth dist. -7443 Mar 21 j 09:01 4°≈25'17 1.01943 AU -7448 Jul 18 j 10:32 $\mathbb{I}^{\circ 0}$ -7443 Apr 17 j 07:32 -7443 May 18 j 15:19 $0^{\circ}\Upsilon$ -7448 Aug 17 j 02:36 0ಂತಾ -7448 Sep 15 j 10:52 0° Ω -7443 Jun 18 j 10:45 0°8 5°**Ω**00'42 0.98055 AU -7443 Jul 18 j 15:39 min. Earth dist. -7448 Sep 20 j 08:14 $0^{\circ}\Pi$ -7448 Oct 14 i 18:09 0° m -7443 Aug 17 i 07:47 0ಂತ -7448 Nov 13 i 07:28 0∘**⊽** -7443 Sep 15 i 16:08 $0^{\circ}\Omega$ -7448 Dec 13 i 08:27 0°M min. Earth dist. -7443 Sep 20 i 19:37 5°**Ω**16'26 0.98063 AU -7447 Jan 12 j 23:50 0°**∡**¹ -7443 Oct 14 j 23:29 0° m 0°궁 -7443 Nov 13 j 12:50 -7447 Feb 13 j 04:34 0∘Ω -7443 Dec 13 j 13:45 -7447 Mar 16 j 17:49 0°≈≈ oom. max. Earth dist. 4°≈15'30 1.01937 AU -7447 Mar 21 j 05:37 -7442 Jan 13 j 05:01 0°×7 0°**₩** -7447 Apr 17 j 08:12 -7442 Feb 13 j 09:38 0°궁 $0^{\circ}\Upsilon$ -7447 May 18 j 15:59 -7442 Mar 16 j 22:48 0°≈ 3°≈26'41 1.01936 AU -7447 Jun 18 j 11:25 0° 8 max. Earth dist. -7442 Mar 20 j 13:58 -7447 Jul 18 j 16:19 $0^{\circ}II$ 0°**)**€ -7442 Apr 17 j 13:10 0ಂತಾ $0^{\circ}\Upsilon$ -7447 Aug 17 j 08:27 -7442 May 18 j 21:00 -7447 Sep 15 j 16:46 0° Ω -7442 Jun 18 j 16:30 0° 8 3°**Ω**22'57 0.98057 AU -7442 Jul 18 j 21:29 $\Pi^{\circ}0$ min. Earth dist. -7447 Sep 19 j 00:01 -7447 Oct 15 j 00:05 0° m -7442 Aug 17 j 13:41 0ಂತಾ -7447 Nov 13 j 13:24 0∘**⊽** -7442 Sep 15 j 22:02 0 $^{\circ}$ Ω -7447 Dec 13 j 14:21 $0^{\circ}M$ min. Earth dist. -7442 Sep 19 j 23:36 4°**Ω**09'53 0.98057 AU -7446 Jan 13 j 05:42 0°⊀ -7442 Oct 15 j 05:21 0° m -7446 Feb 13 j 10:26 0°궁 -7442 Nov 13 j 18:39 0∘**⊽** -7446 Mar 16 j 23:40 0°≈ -7442 Dec 13 j 19:34 0°M

4°≈52'30 1.01942 AU

0°**)**€

-7441 Jan 13 j 10:52

-7441 Feb 13 j 15:32

0°**∡**7

0°정

max. Earth dist.

-7446 Mar 22 j 03:01

-7446 Apr 17 j 14:02

| 2 | | | | , , | J 10-ΓCU-2U2J 14.21 | , , | 49 |
|---------------------|----------------------|------------------------|--------------------|-------------------------|---------------------------|------------------------------|------------|
| Attention, astronom | | • | n astronomicai cou | nting style is the year | 7442 BCE in historical co | | |
| P 4 F . | -7441 Mar 17 j 04:46 | 0°≈ | 1 01020 477 | | -7437 Dec 14 j 00:45 | 0° M . | |
| max. Earth dist. | -7441 Mar 22 j 23:23 | | 1.01939 AU | | -7436 Jan 13 j 16:03 | 0° ∡ ¹ | |
| | -7441 Apr 17 j 19:10 | 0° ∀ | | | -7436 Feb 13 j 20:44 | 0°ප | |
| | -7441 May 19 j 02:59 | 0° Υ | | | -7436 Mar 16 j 10:01 | 0° ≈ | |
| | -7441 Jun 18 j 22:28 | 0° 8 | | max. Earth dist. | -7436 Mar 21 j 14:58 | 4° ≈ 56′05 | 1.01941 AU |
| | -7441 Jul 19 j 03:25 | Π °0 | | | -7436 Apr 17 j 00:29 | 0° ∀ | |
| | -7441 Aug 17 j 19:35 | 0 \circ \odot | | | -7436 May 18 j 08:22 | 0 ° Υ | |
| | -7441 Sep 16 j 03:55 | $0^{\circ}\Omega$ | | | -7436 Jun 18 j 03:53 | 9° 8 | |
| min. Earth dist. | -7441 Sep 19 j 16:08 | 3° Ω 35'49 | 0.98061 AU | | -7436 Jul 18 j 08:49 | $\Pi^{\circ}0$ | |
| | -7441 Oct 15 j 11:12 | 0° m y | | | -7436 Aug 17 j 00:58 | 0°€ | |
| | -7441 Nov 14 j 00:30 | 0∘ ⊽ | | | -7436 Sep 15 j 09:15 | $0^{\circ}\Omega$ | |
| | -7441 Dec 14 j 01:25 | 0°M | | min. Earth dist. | -7436 Sep 18 j 14:50 | 3° Ω 18'44 | 0.98056 AU |
| | -7440 Jan 13 j 16:46 | 0° ⊼ ¹ | | min. Burtir diot. | -7436 Oct 14 j 16:31 | 0° mp | 0.50000110 |
| | -7440 Feb 13 j 21:29 | 0°ਰ | | | -7436 Nov 13 j 05:47 | 0∘ ಹ ೧.ឃ | |
| | -7440 Mar 16 j 10:44 | 0°≈ | | | • | 0° ™ | |
| E (1 1) | | | 1.01044.411 | | -7436 Dec 13 j 06:41 | | |
| max. Earth dist. | -7440 Mar 20 j 11:16 | 3°≈48'57 | 1.01944 AU | | -7435 Jan 12 j 22:00 | 0° ∡ ¹ | |
| | -7440 Apr 17 j 01:07 | 0° ∀ | | | -7435 Feb 13 j 02:41 | 0°ප | |
| | -7440 May 18 j 08:53 | 0° Υ | | | -7435 Mar 16 j 15:57 | 0° ≈ | |
| | -7440 Jun 18 j 04:19 | 9° 8 | | max. Earth dist. | -7435 Mar 21 j 16:38 | 4° ≈ 46′13 | 1.01945 AU |
| | -7440 Jul 18 j 09:14 | Π $^{\circ}0$ | | | -7435 Apr 17 j 06:21 | 0° ℋ | |
| | -7440 Aug 17 j 01:24 | 0 \circ \odot | | | -7435 May 18 j 14:11 | 0 ° Υ | |
| | -7440 Sep 15 j 09:45 | $0^{\circ}\Omega$ | | | -7435 Jun 18 j 09:42 | $B_{\circ 0}$ | |
| min. Earth dist. | -7440 Sep 20 j 14:37 | 5° Ω 19'55 | 0.98059 AU | | -7435 Jul 18 j 14:41 | $\Pi^{\circ}0$ | |
| | -7440 Oct 14 j 17:04 | 0° m/ | | | -7435 Aug 17 j 06:53 | 0°© | |
| | -7440 Nov 13 j 06:22 | 0∘ ⊽ | | | -7435 Sep 15 j 15:13 | 0°N | |
| | -7440 Dec 13 j 07:18 | 0°M | | min. Earth dist. | -7435 Sep 20 j 20:32 | 5° Ω 21'11 | 0.98060 AU |
| | | 0° ⊼ ¹ | | IIIII. Eartii tiist. | | | 0.98000 AU |
| | -7439 Jan 12 j 22:37 | | | | -7435 Oct 14 j 22:29 | 0° m/y | |
| | -7439 Feb 13 j 03:18 | ව°0 | | | -7435 Nov 13 j 11:42 | 0∘ 亚 | |
| | -7439 Mar 16 j 16:32 | 0° ≈ | | | -7435 Dec 13 j 12:31 | 0° M - | |
| max. Earth dist. | -7439 Mar 20 j 16:16 | 3°≈46′55 | 1.01936 AU | | -7434 Jan 13 j 03:43 | 0° ∡ | |
| | -7439 Apr 17 j 06:55 | 0° ∀ | | | -7434 Feb 13 j 08:19 | 0°ಕ | |
| | -7439 May 18 j 14:42 | 0° Y | | | -7434 Mar 16 j 21:31 | 0° ≈ | |
| | -7439 Jun 18 j 10:08 | 9° 8 | | max. Earth dist. | -7434 Mar 20 j 12:11 | 3° ≈ 25'30 | 1.01940 AU |
| | -7439 Jul 18 j 15:04 | Π $^{\circ}0$ | | | -7434 Apr 17 j 11:56 | 0° ∀ | |
| | -7439 Aug 17 j 07:15 | 0ಂಣ | | | -7434 May 18 j 19:48 | $0^{\circ}\mathbf{\Upsilon}$ | |
| | -7439 Sep 15 j 15:37 | $0^{\circ}\Omega$ | | | -7434 Jun 18 j 15:23 | 9° 8 | |
| min. Earth dist. | -7439 Sep 19 j 04:56 | 3° £ 38′30 | 0.98060 AU | | -7434 Jul 18 j 20:27 | 0°II | |
| | -7439 Oct 14 j 22:58 | 0° m) | | | -7434 Aug 17 j 12:42 | 0 ಲ | |
| | -7439 Nov 13 j 12:18 | 0∘ ت مالا | | | -7434 Sep 15 j 21:05 | 0°Ω | |
| | -7439 Nov 13 j 12:18 | 0° m | | min. Earth dist. | -7434 Sep 20 j 10:59 | 4° Ω 41'30 | 0.98056 AU |
| | • | | | IIIII. Eartii tiist. | | | 0.98030 AU |
| | -7438 Jan 13 j 04:32 | 0° ⊼ | | | -7434 Oct 15 j 04:21 | 0° m/y | |
| | -7438 Feb 13 j 09:13 | 0°ප | | | -7434 Nov 13 j 17:33 | 0° ™ | |
| | -7438 Mar 16 j 22:27 | 0° ≈ | | | -7434 Dec 13 j 18:19 | 0° M ₊ | |
| max. Earth dist. | -7438 Mar 22 j 09:28 | 5°≈10'38 | 1.01942 AU | | -7433 Jan 13 j 09:31 | 0° ∡ | |
| | -7438 Apr 17 j 12:51 | 0°) € | | | -7433 Feb 13 j 14:07 | 0° ප | |
| | -7438 May 18 j 20:39 | 0° Y | | | -7433 Mar 17 j 03:22 | 0° ≈ | |
| | -7438 Jun 18 j 16:06 | 9° 8 | | max. Earth dist. | -7433 Mar 23 j 00:57 | 5° ≈ 35'34 | 1.01941 AU |
| | -7438 Jul 18 j 21:02 | Π °0 | | | -7433 Apr 17 j 17:49 | 0° ℋ | |
| | -7438 Aug 17 j 13:11 | 0 \circ \odot | | | -7433 May 19 j 01:44 | 0 ° Υ | |
| | -7438 Sep 15 j 21:31 | $0^{\circ}\Omega$ | | | -7433 Jun 18 j 21:17 | 8° 0 | |
| min. Earth dist. | -7438 Sep 20 j 04:58 | 4° Ω 25′08 | 0.98061 AU | | -7433 Jul 19 j 02:18 | $\Pi^{\circ}0$ | |
| | -7438 Oct 15 j 04:49 | 0° m/y | | | -7433 Aug 17 j 18:32 | 0ം ഉ | |
| | -7438 Nov 13 j 18:05 | 0∘ <u>v</u> | | | -7433 Sep 16 j 02:54 | $0^{\circ}\Omega$ | |
| | -7438 Dec 13 j 18:58 | 0°M | | min. Earth dist. | -7433 Sep 19 j 14:48 | 3° Ω 34'57 | 0.98062 AU |
| | -7437 Jan 13 j 10:15 | 0° ∡ ¹ | | mm. Eurin dist. | -7433 Oct 15 j 10:12 | 0°m) | 0.90002710 |
| | -7437 Feb 13 j 14:54 | 0°ਤ | | | -7433 Nov 13 j 23:26 | 0∘ ত مالا | |
| | | 0°≈ | | | | 0° m ₊ | |
| P 4 P 4 | -7437 Mar 17 j 04:10 | | 1.01046.477 | | -7433 Dec 14 j 00:14 | | |
| max. Earth dist. | -7437 Mar 20 j 21:42 | 3°≈32'20 | 1.01946 AU | | -7432 Jan 13 j 15:27 | 0° ∡ 7 | |
| | -7437 Apr 17 j 18:37 | 0°) | | | -7432 Feb 13 j 20:04 | 0°ප | |
| | -7437 May 19 j 02:29 | 0° Υ | | | -7432 Mar 16 j 09:17 | 0° ≈ | |
| | -7437 Jun 18 j 21:59 | 0°8 | | max. Earth dist. | -7432 Mar 20 j 22:29 | 4° ≈ 19′00 | 1.01945 AU |
| | -7437 Jul 19 j 02:56 | Π °0 | | | -7432 Apr 16 j 23:43 | 0° ∀ | |
| | -7437 Aug 17 j 19:04 | 0 \circ \odot | | | -7432 May 18 j 07:35 | 0 ° Υ | |
| | -7437 Sep 16 j 03:22 | $0^{\circ}\Omega$ | | | -7432 Jun 18 j 03:06 | 9° 8 | |
| min. Earth dist. | -7437 Sep 21 j 00:02 | 4° Ω 58'54 | 0.98053 AU | | -7432 Jul 18 j 08:05 | $\Pi^{\circ}0$ | |
| | -7437 Oct 15 j 10:37 | 0° m y | | | -7432 Aug 17 j 00:18 | 0°© | |
| | -7437 Nov 13 j 23:52 | 0∘ ⊽ | | | -7432 Sep 15 j 08:41 | 0°N | |
| | <u> </u> | | | | ·r · J · · · · · | | |

| • | iomena of Sun from | | • | | | | 50 |
|-------------------|--|----------------------------|-------------|-------------------------|--|-----------------------------|-------------|
| | nical year style is used: The | - | | inting style is the yea | | | |
| min. Earth dist. | -7432 Sep 20 j 17:57 | | 0.98062 AU | | -7427 Jul 18 j 13:09 | 0°II | |
| | -7432 Oct 14 j 16:00 | 0° m) | | | -7427 Aug 17 j 05:23 | 0° © | |
| | -7432 Nov 13 j 05:17 | 0∘ m | | i. Fauth diet | -7427 Sep 15 j 13:47 | 0°N | 0.00065 ATT |
| | -7432 Dec 13 j 06:08 | 0° M 0° ∡ | | min. Earth dist. | -7427 Sep 20 j 12:26 | 5° Ω 04'05 | 0.98065 AU |
| | -7431 Jan 12 j 21:19 | 0° × ' | | | -7427 Oct 14 j 21:07 | 0 ்⊽ 0∘ ம் | |
| | -7431 Feb 13 j 01:52 | 0° ≈ | | | -7427 Nov 13 j 10:22 | 0° ™ | |
| max. Earth dist. | -7431 Mar 16 j 15:01 -7431 Mar 20 j 14:31 | 0 ≈ 3°≈46'26 | 1.01935 AU | | -7427 Dec 13 j 11:10 -7426 Jan 13 j 02:19 | 0° ⊼ | |
| max. Earm dist. | -7431 Mar 20 j 14.31 -7431 Apr 17 j 05:23 | 0°) | 1.01933 AU | | -7426 Feb 13 j 06:51 | 0° ਣ | |
| | -7431 May 18 j 13:15 | 0° Υ | | | -7426 Mar 16 j 20:01 | 0°≈ | |
| | -7431 Jun 18 j 08:48 | 0°8 | | max. Earth dist. | -7426 Mar 20 j 13:44 | 0 ∞ 3°≈32'44 | 1.01940 AU |
| | -7431 Jul 18 j 13:50 | 0°II | | max. Earth dist. | -7426 Apr 17 j 10:26 | 0° ∺ | 1.01940 AO |
| | -7431 Aug 17 j 06:04 | 0°© | | | -7426 May 18 j 18:19 | 0° Υ | |
| | -7431 Sep 15 j 14:28 | $0 {\circ} \mathcal{U}$ | | | -7426 Jun 18 j 13:54 | 0°8 | |
| min. Earth dist. | -7431 Sep 19 j 12:15 | 4°Ω00'11 | 0.98060 AU | | -7426 Jul 18 j 18:57 | 0°II | |
| mm. Earth dist. | -7431 Oct 14 j 21:49 | 0° m) | 0.90000710 | | -7426 Aug 17 j 11:12 | 0°© | |
| | -7431 Nov 13 j 11:07 | 0° ت | | | -7426 Sep 15 j 19:35 | 0° U | |
| | -7431 Dec 13 j 11:59 | 0° m | | min. Earth dist. | -7426 Sep 20 j 15:41 | 4° Ω 57'24 | 0.98057 AU |
| | -7430 Jan 13 j 03:12 | 0° ⊼ | | mm. Larm dist. | -7426 Oct 15 j 02:53 | 0° m) | 0.76037 AC |
| | -7430 Feb 13 j 07:46 | ° ਨ ਹ | | | -7426 Nov 13 j 16:06 | 0∘ ⊽ | |
| | -7430 Mar 16 j 20:55 | 0° ≈ | | | -7426 Dec 13 j 16:54 | 0° ™ | |
| max. Earth dist. | -7430 Mar 22 j 17:33 | 5°≈33'26 | 1.01937 AU | | -7425 Jan 13 j 08:04 | 0° ∡ 7 | |
| max. Lattii dist. | -7430 Apr 17 j 11:17 | 0° ∺ | 1.01757 710 | | -7425 Feb 13 j 12:39 | 0°ਤ | |
| | -7430 May 18 j 19:07 | 0° Υ | | | -7425 Mar 17 j 01:51 | 0° ≈ | |
| | -7430 Jun 18 j 14:41 | 0°8 | | max. Earth dist. | -7425 Mar 22 j 21:51 | 5°≈31'47 | 1.01940 AU |
| | -7430 Jul 18 j 19:44 | 0°II | | max. Larm dist. | -7425 Apr 17 j 16:20 | 0° \ | 1.01740710 |
| | -7430 Aug 17 j 11:59 | 0.ಪ ೧.ш | | | -7425 May 19 j 00:17 | 0° Υ | |
| | -7430 Sep 15 j 20:21 | 0 ° Ω | | | -7425 Jun 18 j 19:53 | 0°8 | |
| min. Earth dist. | -7430 Sep 19 j 21:33 | 4° Ω 09'05 | 0.98062 AU | | -7425 Jul 19 j 00:54 | 0°II | |
| mm. Earth dist. | -7430 Oct 15 j 03:38 | 0° m) | 0.90002710 | | -7425 Aug 17 j 17:07 | 0°© | |
| | -7430 Nov 13 j 16:52 | 0° ت س | | | -7425 Sep 16 j 01:26 | 0°Ω | |
| | -7430 Dec 13 j 17:41 | 0° m | | min. Earth dist. | -7425 Sep 10 j 01:28 | 3° Ω 25′25 | 0.98058 AU |
| | -7429 Jan 13 j 08:54 | 0° ⊼ | | mm. Larm dist. | -7425 Oct 15 j 08:42 | 0° m) | 0.70030710 |
| | -7429 Feb 13 j 13:29 | 0°ප | | | -7425 Nov 13 j 21:55 | 0∘ ⊽ ೧.ฬ | |
| | -7429 Mar 17 j 02:39 | 0° ≈ | | | -7425 Dec 13 j 22:45 | 0° ™ | |
| max. Earth dist. | -7429 Mar 21 j 04:03 | 3° ≈ 51'00 | 1.01942 AU | | -7424 Jan 13 j 13:58 | 0° ∡ 7 | |
| | -7429 Apr 17 j 17:02 | 0°) € | | | -7424 Feb 13 j 18:35 | 0°ප | |
| | -7429 May 19 j 00:54 | 0° Υ | | | -7424 Mar 16 j 07:49 | 0° ≈ | |
| | -7429 Jun 18 j 20:28 | 0°8 | | max. Earth dist. | -7424 Mar 21 i 06:23 | 4° ≈ 41'13 | 1.01946 AU |
| | -7429 Jul 19 j 01:30 | 0°Ⅱ | | man. Bartin digt. | -7424 Apr 16 j 22:16 | 0°) € | 1.019.10110 |
| | -7429 Aug 17 j 17:45 | 0°50 | | | -7424 May 18 j 06:10 | 0° Υ | |
| | -7429 Sep 16 j 02:07 | $0^{\circ}\Omega$ | | | -7424 Jun 18 j 01:46 | 0°8 | |
| min. Earth dist. | -7429 Sep 21 j 08:35 | 5° Ω 23'59 | 0.98057 AU | | -7424 Jul 18 j 06:48 | 0°II | |
| | -7429 Oct 15 j 09:24 | 0° m) | | | -7424 Aug 16 j 23:01 | 0ංම _ | |
| | -7429 Nov 13 j 22:37 | 0∘ <u>ರ</u> | | | -7424 Sep 15 j 07:21 | 0°N | |
| | -7429 Dec 13 j 23:26 | 0°M₊ | | min. Earth dist. | -7424 Sep 20 j 17:04 | 5° Ω 32'27 | 0.98058 AU |
| | -7428 Jan 13 j 14:39 | 0° ∡ ¹ | | | -7424 Oct 14 j 14:35 | 0° m) | |
| | -7428 Feb 13 j 19:17 | ರ∘ರ | | | -7424 Nov 13 j 03:48 | 0∘ <u>⊽</u> | |
| | -7428 Mar 16 j 08:30 | 0° ≈ | | | -7424 Dec 13 j 04:36 | 0° M . | |
| max. Earth dist. | -7428 Mar 21 j 01:33 | 4°≈27'56 | 1.01937 AU | | -7423 Jan 12 j 19:48 | 0° ∡ ¹ | |
| | -7428 Apr 16 j 22:54 | 0°) € | | | -7423 Feb 13 j 00:22 | 0° ठ | |
| | -7428 May 18 j 06:45 | 0°Υ | | | -7423 Mar 16 j 13:32 | 0° ≈ | |
| | -7428 Jun 18 j 02:17 | 0°8 | | max. Earth dist. | -7423 Mar 20 j 07:52 | 3° ≈ 34'09 | 1.01938 AU |
| | -7428 Jul 18 j 07:18 | 0°II | | | -7423 Apr 17 j 03:56 | 0°) € | |
| | -7428 Aug 16 j 23:32 | 0°© | | | -7423 May 18 j 11:50 | $0^{\circ}\Upsilon$ | |
| | -7428 Sep 15 j 07:55 | $0^{\circ}\Omega$ | | | -7423 Jun 18 j 07:28 | 0°8 | |
| min. Earth dist. | -7428 Sep 18 j 20:26 | 3° Ω 36′28 | 0.98060 AU | | -7423 Jul 18 j 12:34 | 0°II | |
| | -7428 Oct 14 j 15:14 | 0° m/y | | | -7423 Aug 17 j 04:51 | 0ං ම | |
| | -7428 Nov 13 j 04:30 | 0∘ ত | | | -7423 Sep 15 j 13:14 | 0° Ω | |
| | -7428 Dec 13 j 05:21 | 0° ™ | | min. Earth dist. | -7423 Sep 19 j 21:48 | 4° Ω 27'47 | 0.98056 AU |
| | -7427 Jan 12 j 20:35 | 0°× 7 1 | | | -7423 Oct 14 j 20:30 | 0° m) | |
| | -7427 Feb 13 j 01:13 | ° ਨ ਹ | | | -7423 Nov 13 j 09:42 | 0∘ ರ ೧.ಗು | |
| | -7427 Mar 16 j 14:26 | 0° ≈ | | | -7423 Dec 13 j 10:28 | 0° ™ | |
| max. Earth dist. | -7427 Mar 21 j 22:59 | 5°≈04'48 | 1.01942 AU | | -7422 Jan 13 j 01:38 | 0° ⊼ ¹ | |
| | -7427 Apr 17 j 04:50 | 0° ∀ | | | -7422 Feb 13 j 06:13 | ° ਨ ਹ°ਰ | |
| | -7427 May 18 j 12:39 | 0° Υ | | | -7422 Mar 16 j 19:25 | 0° ≈ | |
| | -7427 Jun 18 j 08:09 | 0°8 | | max. Earth dist. | -7422 Mar 22 j 19:44 | 5°≈42'05 | 1.01940 AU |
| | | . • | | | | | |

| • | | | • | | 7422 DCE in historical as | | 31 |
|----------------------|----------------------|---------------------------------|--------------------|-------------------------|--|-------------------------|-------------|
| Attention, astronom | | - | n astronomicai cou | nting style is the year | 7423 BCE in historical co | | |
| | -7422 Apr 17 j 09:51 | 0°) € | | | -7417 Feb 13 j 11:27 | 0°ප | |
| | -7422 May 18 j 17:46 | 0° Υ | | | -7417 Mar 17 j 00:36 | 0°≈ | |
| | -7422 Jun 18 j 13:24 | 0°B | | max. Earth dist. | -7417 Mar 22 j 16:08 | 5°≈21'15 | 1.01936 AU |
| | -7422 Jul 18 j 18:32 | $\Pi^{\circ}0$ | | | -7417 Apr 17 j 15:02 | 0° ∀ | |
| | -7422 Aug 17 j 10:51 | 0 \circ \odot | | | -7417 May 18 j 22:59 | 0° Υ | |
| | -7422 Sep 15 j 19:14 | $0^{\circ}\Omega$ | | | -7417 Jun 18 j 18:39 | 8° 0 | |
| min. Earth dist. | -7422 Sep 19 j 17:46 | 4° Ω 02'17 | 0.98060 AU | | -7417 Jul 18 j 23:48 | Π $^{\circ}0$ | |
| | -7422 Oct 15 j 02:28 | 0° m ∕ | | | -7417 Aug 17 j 16:07 | 0 \circ | |
| | -7422 Nov 13 j 15:36 | 0∘ ত | | | -7417 Sep 16 j 00:32 | $0^{\circ}\Omega$ | |
| | -7422 Dec 13 j 16:18 | 0°M | | min. Earth dist. | -7417 Sep 19 j 14:51 | 3° Ω 41′06 | 0.98060 AU |
| | -7421 Jan 13 j 07:25 | 0° ∡ ¹ | | | -7417 Oct 15 j 07:48 | 0° m | |
| | -7421 Feb 13 j 11:59 | ರ∘ರ | | | -7417 Nov 13 j 20:58 | 0∘ <u>⊽</u> | |
| | -7421 Mar 17 j 01:11 | 0°≈ | | | -7417 Dec 13 j 21:43 | 0° M | |
| max. Earth dist. | -7421 Mar 21 j 12:07 | 4°≈13'35 | 1.01947 AU | | -7416 Jan 13 j 12:52 | 0° ⊼ ¹ | |
| max. Lattii dist. | -7421 Mar 21 j 12:07 | 0° \ | 1.01)+/ AU | | -7416 Feb 13 j 17:25 | °ਤੇ ਹ°ਤੇ | |
| | | 0° Υ | | | , | | |
| | -7421 May 18 j 23:37 | | | D d F | -7416 Mar 16 j 06:36 | 0° ≈ | 1.01042.444 |
| | -7421 Jun 18 j 19:15 | 0°8 | | max. Earth dist. | -7416 Mar 21 j 14:18 | 5°≈02'50 | 1.01943 AU |
| | -7421 Jul 19 j 00:21 | $\Pi^{\circ}0$ | | | -7416 Apr 16 j 21:02 | 0° ∀ | |
| | -7421 Aug 17 j 16:39 | 0ಂತಾ | | | -7416 May 18 j 04:56 | 0° Υ | |
| | -7421 Sep 16 j 01:03 | $0 {\circ} \Omega$ | | | -7416 Jun 18 j 00:32 | 9° 8 | |
| min. Earth dist. | -7421 Sep 21 j 14:52 | 5° Ω 42'54 | 0.98058 AU | | -7416 Jul 18 j 05:39 | Π $^{\circ}0$ | |
| | -7421 Oct 15 j 08:19 | 0° ™ | | | -7416 Aug 16 j 21:57 | 0 \circ \odot | |
| | -7421 Nov 13 j 21:28 | 0∘ ⊽ | | | -7416 Sep 15 j 06:23 | $0^{\circ}\Omega$ | |
| | -7421 Dec 13 j 22:11 | 0°M | | min. Earth dist. | -7416 Sep 20 j 16:14 | 5° Ω 32'47 | 0.98064 AU |
| | -7420 Jan 13 j 13:17 | 0° ∡ ¹ | | | -7416 Oct 14 j 13:41 | 0° m | |
| | -7420 Feb 13 j 17:50 | ರ°0 | | | -7416 Nov 13 j 02:53 | 0∘ <u>⊽</u> | |
| | -7420 Mar 16 j 07:02 | 0°≈ | | | -7416 Dec 13 j 03:37 | 0° M | |
| max. Earth dist. | -7420 Mar 20 j 18:39 | 4°≈15'04 | 1.01940 AU | | -7415 Jan 12 j 18:44 | 0° ∡ 7 | |
| max. Earth dist. | -7420 Apr 16 j 21:31 | 0°) € | 1.01710710 | | -7415 Feb 12 j 23:13 | 0°ਰ ਹ | |
| | -7420 May 18 j 05:28 | 0° Υ | | | -7415 Mar 16 j 12:20 | 0° ≈ | |
| | • • | 0°8 | | max. Earth dist. | • | 0 ∞ 3°≈33'25 | 1 01027 AII |
| | -7420 Jun 18 j 01:06 | | | max. Earm dist. | -7415 Mar 20 j 06:21 | | 1.01937 AU |
| | -7420 Jul 18 j 06:12 | 0°II | | | -7415 Apr 17 j 02:44 | 0°) € | |
| | -7420 Aug 16 j 22:28 | 0.0e | | | -7415 May 18 j 10:37 | 0° Υ | |
| | -7420 Sep 15 j 06:53 | 0°N | | | -7415 Jun 18 j 06:14 | 0°8 | |
| min. Earth dist. | -7420 Sep 19 j 02:50 | 3° Ω 55'30 | 0.98059 AU | | -7415 Jul 18 j 11:21 | 0° I I | |
| | -7420 Oct 14 j 14:12 | 0° m | | | -7415 Aug 17 j 03:41 | 0ංම | |
| | -7420 Nov 13 j 03:25 | 0∘ ⊽ | | | -7415 Sep 15 j 12:08 | 0 $^{\circ}$ Ω | |
| | -7420 Dec 13 j 04:12 | 0° M | | min. Earth dist. | -7415 Sep 20 j 04:52 | 4° Ω 48'43 | 0.98061 AU |
| | -7419 Jan 12 j 19:20 | 0° ∡ | | | -7415 Oct 14 j 19:28 | 0° m ∕ | |
| | -7419 Feb 12 j 23:52 | 0° ප | | | -7415 Nov 13 j 08:41 | 0∘ ಹ | |
| | -7419 Mar 16 j 13:02 | 0° ≈ | | | -7415 Dec 13 j 09:25 | 0° M | |
| max. Earth dist. | -7419 Mar 22 j 09:12 | 5°≈32'20 | 1.01941 AU | | -7414 Jan 13 j 00:31 | 0° ∡ ¹ | |
| | -7419 Apr 17 j 03:28 | 0° ∀ | | | -7414 Feb 13 j 05:01 | 8°0 | |
| | -7419 May 18 j 11:23 | 0° Υ | | | -7414 Mar 16 j 18:10 | 0° ≈ | |
| | -7419 Jun 18 j 07:01 | 0°8 | | max. Earth dist. | -7414 Mar 22 j 20:51 | 5°≈47'40 | 1.01937 AU |
| | -7419 Jul 18 j 12:08 | 0°II | | | -7414 Apr 17 j 08:36 | 0° ∀ | |
| | -7419 Aug 17 j 04:25 | 0 . ಲ | | | -7414 May 18 j 16:33 | 0° Υ | |
| | -7419 Sep 15 j 12:50 | 0° U | | | -7414 Jun 18 j 12:12 | 0°8 | |
| min. Earth dist. | -7419 Sep 13 j 12:30 | 4° Ω 47'04 | 0.98064 AU | | · | 0°II | |
| IIIII. Eartii tiist. | | | 0.96004 AU | | -7414 Jul 18 j 17:19 | | |
| | -7419 Oct 14 j 20:08 | 0° m/ | | | -7414 Aug 17 j 09:37 | 0°90 | |
| | -7419 Nov 13 j 09:20 | 0∘ 亚 | | | -7414 Sep 15 j 18:01 | 0°N | 0.00061.477 |
| | -7419 Dec 13 j 10:04 | 0°M | | min. Earth dist. | -7414 Sep 19 j 09:04 | 3° Ω 43′03 | 0.98061 AU |
| | -7418 Jan 13 j 01:09 | 0° ∡ | | | -7414 Oct 15 j 01:17 | 0° т р | |
| | -7418 Feb 13 j 05:37 | 0°ರ | | | -7414 Nov 13 j 14:26 | 0∘ ⊽ | |
| | -7418 Mar 16 j 18:42 | 0° ≈ | | | -7414 Dec 13 j 15:09 | 0° M | |
| max. Earth dist. | -7418 Mar 20 j 20:46 | 3° ≈ 52'35 | 1.01939 AU | | -7413 Jan 13 j 06:15 | 0° ∡ ¹ | |
| | -7418 Apr 17 j 09:06 | 0° ∀ | | | -7413 Feb 13 j 10:46 | 5°0 | |
| | -7418 May 18 j 17:02 | 0° Υ | | | -7413 Mar 16 j 23:56 | 0° ≈ | |
| | -7418 Jun 18 j 12:43 | 9° 8 | | max. Earth dist. | -7413 Mar 21 j 20:14 | 4° ≈ 35'49 | 1.01946 AU |
| | -7418 Jul 18 j 17:54 | 0°II | | | -7413 Apr 17 j 14:24 | 0°) € | |
| | -7418 Aug 17 j 10:15 | 0 . ಲ | | | -7413 May 18 j 22:23 | 0° Υ | |
| | -7418 Sep 15 j 18:40 | 0° U | | | -7413 Jun 18 j 18:03 | 0°8 | |
| min. Earth dist. | -7418 Sep 21 j 01:20 | 5° Ω 24'27 | 0.98058 AU | | -7413 Jul 18 j 23:10 | 0°II | |
| mm. Lattii uist. | -7418 Sep 21 j 01:20 | 0°M) | 0.70030 AU | | -7413 Jul 18 j 25:10 -7413 Aug 17 j 15:27 | 0°© | |
| | -7418 Oct 13 j 01.37 | 0∘ र 0 ॥% | | | -7413 Aug 17 j 13.27 -7413 Sep 15 j 23:48 | 0° U 0 €3 | |
| | • | 0° ™ | | min Forth Ji-t | | 5° Ω 46'50 | 0.00057 411 |
| | -7418 Dec 13 j 15:51 | 0° เ เเ 0° ҂ 7 | | min. Earth dist. | -7413 Sep 21 j 15:09 | 0°M) | 0.98057 AU |
| | -7417 Jan 13 j 06:57 | υ χ. | | | -7413 Oct 15 j 07:03 | עוו ט | |

| 3 | | | • | // | T 10-FEU-2U23 14.21 | , , | 32 |
|---------------------|----------------------|-----------------------------|--------------------|-------------------------|-----------------------------|---------------------------|-------------|
| Attention, astronom | | year -/413 1 0° Ω | n astronomicai cot | inting style is the yea | r 7414 BCE in historical co | $0^{\circ}\Omega$ | |
| | -7413 Nov 13 j 20:12 | | | · F 4 F 4 | -7408 Sep 15 j 05:04 | | 0.00064.411 |
| | -7413 Dec 13 j 20:55 | 0° M ₊ | | min. Earth dist. | -7408 Sep 20 j 10:16 | | 0.98064 AU |
| | -7412 Jan 13 j 12:01 | 0° ⊼ | | | -7408 Oct 14 j 12:21 | 0° m/ | |
| | -7412 Feb 13 j 16:32 | 0°ප | | | -7408 Nov 13 j 01:31 | 0∘ 亚 | |
| D d F | -7412 Mar 16 j 05:42 | 0° ≈ | 1 01040 411 | | -7408 Dec 13 j 02:12 | 0° M | |
| max. Earth dist. | -7412 Mar 20 j 08:43 | 3°≈54'42 | 1.01940 AU | | -7407 Jan 12 j 17:12 | 0° ∡ ¹ | |
| | -7412 Apr 16 j 20:10 | 0° \ | | | -7407 Feb 12 j 21:36 | 5°0 | |
| | -7412 May 18 j 04:08 | 0° Υ | | P. 4. P. | -7407 Mar 16 j 10:39 | 0° ≈ | 1 01027 177 |
| | -7412 Jun 17 j 23:50 | 0°B | | max. Earth dist. | -7407 Mar 20 j 11:38 | 3°≈49'58 | 1.01937 AU |
| | -7412 Jul 18 j 04:58 | 0°II | | | -7407 Apr 17 j 01:03 | 0° ∀ | |
| | -7412 Aug 16 j 21:15 | 0°99 | | | -7407 May 18 j 09:02 | 0° Υ | |
| | -7412 Sep 15 j 05:37 | 0° Ω | | | -7407 Jun 18 j 04:46 | 0° B | |
| min. Earth dist. | -7412 Sep 19 j 09:31 | 4° Ω 15'52 | 0.98055 AU | | -7407 Jul 18 j 09:59 | 0°II | |
| | -7412 Oct 14 j 12:51 | 0° m) | | | -7407 Aug 17 j 02:22 | 0°9 | |
| | -7412 Nov 13 j 02:00 | 0∘ ⊽ | | | -7407 Sep 15 j 10:50 | 0° Ω | |
| | -7412 Dec 13 j 02:44 | 0° M ₊ | | min. Earth dist. | -7407 Sep 20 j 13:47 | 5° Ω 14'57 | 0.98059 AU |
| | -7411 Jan 12 j 17:52 | 0° ∡ ¹ | | | -7407 Oct 14 j 18:08 | 0° m p | |
| | -7411 Feb 12 j 22:25 | 0°ප | | | -7407 Nov 13 j 07:18 | 0∘ ত | |
| | -7411 Mar 16 j 11:36 | 0° ≈ | | | -7407 Dec 13 j 07:58 | 0°M₊ | |
| max. Earth dist. | -7411 Mar 22 j 12:44 | 5°≈44'04 | 1.01942 AU | | -7406 Jan 12 j 23:00 | 0° ∡ | |
| | -7411 Apr 17 j 02:03 | 0° ∀ | | | -7406 Feb 13 j 03:25 | 0°る | |
| | -7411 May 18 j 10:00 | 0° Υ | | | -7406 Mar 16 j 16:30 | 0° ≈ | |
| | -7411 Jun 18 j 05:41 | 0°B | | max. Earth dist. | -7406 Mar 22 j 20:18 | | 1.01934 AU |
| | -7411 Jul 18 j 10:52 | Π °0 | | | -7406 Apr 17 j 06:55 | 0° ∀ | |
| | -7411 Aug 17 j 03:12 | 0 \circ \odot | | | -7406 May 18 j 14:55 | 0 ° Υ | |
| | -7411 Sep 15 j 11:36 | 0 ° Ω | | | -7406 Jun 18 j 10:41 | 9° 8 | |
| min. Earth dist. | -7411 Sep 19 j 21:31 | 4° Ω 31′26 | 0.98061 AU | | -7406 Jul 18 j 15:56 | Π °0 | |
| | -7411 Oct 14 j 18:51 | 0° m) | | | -7406 Aug 17 j 08:20 | 0 \circ \odot | |
| | -7411 Nov 13 j 07:57 | 0∘ ⊽ | | | -7406 Sep 15 j 16:45 | $0^{\circ}\Omega$ | |
| | -7411 Dec 13 j 08:35 | 0°M₊ | | min. Earth dist. | -7406 Sep 19 j 10:55 | 3° Ω 51′00 | 0.98060 AU |
| | -7410 Jan 12 j 23:36 | 0° ∡ ¹ | | | -7406 Oct 14 j 23:59 | 0° ™ | |
| | -7410 Feb 13 j 04:04 | 0°ಕ | | | -7406 Nov 13 j 13:05 | 0∘ ⊽ | |
| | -7410 Mar 16 j 17:11 | 0° ≈ | | | -7406 Dec 13 j 13:44 | 0° M | |
| max. Earth dist. | -7410 Mar 21 j 01:55 | 4° ≈ 08′22 | 1.01943 AU | | -7405 Jan 13 j 04:46 | 0° ∡ ¹ | |
| | -7410 Apr 17 j 07:38 | 0° ∀ | | | -7405 Feb 13 j 09:14 | 0°ಕ | |
| | -7410 May 18 j 15:37 | 0° Y | | | -7405 Mar 16 j 22:23 | 0° ≈ | |
| | -7410 Jun 18 j 11:21 | 9° 8 | | max. Earth dist. | -7405 Mar 22 j 04:27 | 4° ≈ 59'00 | 1.01944 AU |
| | -7410 Jul 18 j 16:35 | Π °0 | | | -7405 Apr 17 j 12:49 | 0° ∀ | |
| | -7410 Aug 17 j 08:58 | 0 \circ \odot | | | -7405 May 18 j 20:49 | 0 ° Υ | |
| | -7410 Sep 15 j 17:25 | $0^{\circ}\Omega$ | | | -7405 Jun 18 j 16:34 | 9° 8 | |
| min. Earth dist. | -7410 Sep 21 j 09:34 | 5° Ω 48'49 | 0.98057 AU | | -7405 Jul 18 j 21:48 | Π °0 | |
| | -7410 Oct 15 j 00:40 | 0° ™ | | | -7405 Aug 17 j 14:11 | 0 \circ \odot | |
| | -7410 Nov 13 j 13:45 | 0∘ ⊽ | | | -7405 Sep 15 j 22:37 | 0 $^{\circ}$ Ω | |
| | -7410 Dec 13 j 14:21 | 0°M₊ | | min. Earth dist. | -7405 Sep 21 j 19:40 | 6° Ω 01'27 | 0.98060 AU |
| | -7409 Jan 13 j 05:20 | 0° ⊼ | | | -7405 Oct 15 j 05:52 | 0° ™ | |
| | -7409 Feb 13 j 09:47 | 0°ප | | | -7405 Nov 13 j 18:57 | 0ಂ ಹ | |
| | -7409 Mar 16 j 22:57 | 0° ≈ | | | -7405 Dec 13 j 19:35 | 0° M | |
| max. Earth dist. | -7409 Mar 22 j 07:57 | 5° ≈ 05'45 | 1.01939 AU | | -7404 Jan 13 j 10:36 | 0° ∡ ¹ | |
| | -7409 Apr 17 j 13:27 | 0° ∀ | | | -7404 Feb 13 j 15:04 | 0°ප | |
| | -7409 May 18 j 21:29 | 0° Υ | | | -7404 Mar 16 j 04:13 | 0° ≈ | |
| | -7409 Jun 18 j 17:13 | 0° 8 | | max. Earth dist. | -7404 Mar 20 j 03:10 | 3° ≈ 45′08 | 1.01939 AU |
| | -7409 Jul 18 j 22:25 | Π °0 | | | -7404 Apr 16 j 18:39 | 0°) € | |
| | -7409 Aug 17 j 14:46 | 0 \circ \odot | | | -7404 May 18 j 02:37 | 0 ° $\mathbf{\Upsilon}$ | |
| | -7409 Sep 15 j 23:12 | $0^{\circ}\Omega$ | | | -7404 Jun 17 j 22:20 | 9° 8 | |
| min. Earth dist. | -7409 Sep 19 j 19:18 | 3° Ω 55'53 | 0.98059 AU | | -7404 Jul 18 j 03:33 | Π °0 | |
| | -7409 Oct 15 j 06:28 | 0° m) | | | -7404 Aug 16 j 19:55 | 0 \circ \odot | |
| | -7409 Nov 13 j 19:35 | 0∘ ⊽ | | | -7404 Sep 15 j 04:23 | 0 $^{\circ}$ Ω | |
| | -7409 Dec 13 j 20:14 | 0°M₊ | | min. Earth dist. | -7404 Sep 19 j 18:13 | 4° Ω 41'19 | 0.98058 AU |
| | -7408 Jan 13 j 11:16 | 0° ∡ ¹ | | | -7404 Oct 14 j 11:40 | 0° ™ | |
| | -7408 Feb 13 j 15:45 | 8°0 | | | -7404 Nov 13 j 00:48 | 0∘ ত | |
| | -7408 Mar 16 j 04:55 | 0°≈ | | | -7404 Dec 13 j 01:27 | 0° M | |
| max. Earth dist. | -7408 Mar 22 j 00:47 | 5° ≈ 31'38 | 1.01944 AU | | -7403 Jan 12 j 16:30 | 0° ∡ ¹ | |
| | -7408 Apr 16 j 19:24 | 0° \ | | | -7403 Feb 12 j 20:59 | 0°ප | |
| | -7408 May 18 j 03:24 | 0° Y | | | -7403 Mar 16 j 10:09 | 0° ≈ | |
| | -7408 Jun 17 j 23:07 | 9° 8 | | max. Earth dist. | -7403 Mar 22 j 16:14 | 5° ≈ 55'46 | 1.01940 AU |
| | -7408 Jul 18 j 04:17 | $\Pi^{\circ}0$ | | | -7403 Apr 17 j 00:37 | 0° ∀ | |
| | -7408 Aug 16 j 20:38 | 0ංම | | | -7403 May 18 j 08:36 | $0^{\circ}\Upsilon$ | |
| | | | | | | | |

Attention, astronomical year style is used: The year -7403 in astronomical counting style is the year 7404 BCE in historical counting style. -7403 Jun 18 j 04:18 0°8 -7403 Jul 18 j 09:30 $0^{\circ}II$ -7403 Aug 17 j 01:53 0ಂತಾ -7403 Sep 15 j 10:22 $0^{\circ}\Omega$ -7403 Sep 19 j 11:34 $4^{\circ}\Omega09'04 \quad 0.98064 \text{ AU}$ min. Earth dist. -7403 Oct 14 j 17:39 0° m 0∘**⊽** -7403 Nov 13 j 06:46 $0^{\circ}M$ -7403 Dec 13 j 07:23 -7402 Jan 12 j 22:21 0°**∡** -7402 Feb 13 j 02:44 0°ಕ -7402 Mar 16 j 15:51 0°≈ max. Earth dist. -7402 Mar 21 j 10:11 4°≈31'11 1.01943 AU -7402 Apr 17 j 06:18 0°**)**€ $0^{\circ}\Upsilon$ -7402 May 18 j 14:20 -7402 Jun 18 j 10:06 0° 8 -7402 Jul 18 j 15:21 $0^{\circ}II$ -7402 Aug 17 j 07:45 0ಂತಾ -7402 Sep 15 j 16:11 $0^{\circ}\Omega$ min. Earth dist. -7402 Sep 21 j 11:53 5°**Ω**57'54 0.98058 AU -7402 Oct 14 j 23:27 -7402 Nov 13 j 12:33 0∘**⊽** -7402 Dec 13 j 13:10 0°M -7401 Jan 13 i 04:07 0°×7 -7401 Feb 13 i 08:31 0°정 -7401 Mar 16 j 21:39 0°≈ -7401 Mar 21 j 21:53 4°≈44'59 1.01939 AU max. Earth dist. -7401 Apr 17 j 12:09 0°**₩** -7401 May 18 j 20:14 $0^{\circ}\Upsilon$ -7401 Jun 18 j 16:02 9° 8 -7401 Jul 18 j 21:17 Π $^{\circ}0$ -7401 Aug 17 j 13:38 0ಂಣ -7401 Sep 15 j 22:02 $0^{\circ}\Omega$ -7401 Sep 19 j 23:24 4°**Ω**09'22 0.98055 AU min. Earth dist. -7401 Oct 15 j 05:16 0° M -7401 Nov 13 j 18:22 0∘**⊽** -7401 Dec 13 j 19:00 0° M -7400 Jan 13 j 10:02 0°**∡** -7400 Feb 13 j 14:30 0°궁 -7400 Mar 16 j 03:40 0°≈ max. Earth dist. -7400 Mar 22 j 07:18 5°≈50'03 1.01944 AU -7400 Apr 16 j 18:10 0°**)**€ -7400 May 18 j 02:13 $0^{\circ}\Upsilon$ -7400 Jun 17 j 22:00 0° 8 -7400 Jul 18 j 03:15 $\Pi^{\circ}0$ -7400 Aug 16 j 19:38 0ಂತಾ -7400 Sep 15 i 04:02 $0^{\circ}\Omega$ -7400 Sep 20 i 03:31 5°**Ω**06'13 0.98061 AU min. Earth dist. -7400 Oct 14 j 11:16 0° m -7400 Nov 13 j 00:21 0∘**⊽** -7400 Dec 13 j 00:59 0°M -7399 Jan 12 j 15:58 0°×7 -7399 Feb 12 j 20:21 0°る -7399 Mar 16 j 09:25 0°≈≈ max. Earth dist. -7399 Mar 20 j 14:40 4°≈00'06 1.01939 AU 0°**)**€ -7399 Apr 16 j 23:50 $0^{\circ}\Upsilon$ -7399 May 18 j 07:51 -7399 Jun 18 j 03:39 0° 8 -7399 Jul 18 j 08:57 $\Pi^{\circ}0$ -7399 Aug 17 j 01:24 0ಂಣ -7399 Sep 15 j 09:53 $0^{\circ}\Omega$ 5°**Ω**43'46 0.98058 AU min. Earth dist. -7399 Sep 21 j 00:05 -7399 Oct 14 j 17:08 0° m

-7399 Nov 13 j 06:13

-7399 Dec 13 j 06:47

0∘**⊽**

 $0^{\circ}M$