












































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---|------------|------------------|----------------------|---|------------|
| | -1900 Jan 04 j 08:50 | 30°  | | minimum elong | -1895 Dec 01 j 22:16 | 25°  15'54 | 0°08'01 |
| direct | -1900 Feb 08 j 13:26 | 28°  04'26 | | behind sun begin | -1895 Dec 01 j 15:05 | 25°  11'42 | |
| | -1900 Mar 15 j 06:33 | 0°  | | behind sun end | -1895 Dec 02 j 05:27 | 25°  20'05 | |
| evening set | -1900 Jun 15 j 00:07 | 16°  16'57 | | max. Earth dist. | -1895 Nov 30 j 21:32 | 25°  01'24 | 6.13409 AU |
| | | | | morning rise | -1895 Dec 14 j 16:11 | 28°  14'55 | |
| conjunction | -1900 Jun 28 j 13:04 | 19°  15'22 | 0°23'48 | | -1895 Dec 22 j 05:33 | 0°  | |
| minimum elong | -1900 Jun 28 j 13:02 | 19°  15'21 | 0°23'50 | desc. node | -1894 Feb 10 j 08:19 | 10°  30'31 | |
| max. Earth dist. | -1900 Jun 28 j 18:37 | 19°  18'25 | 6.33568 AU | retrograde | -1894 Apr 22 j 05:41 | 17°  32'54 | |
| morning rise | -1900 Jul 11 j 23:40 | 22°  12'28 | | opposition | -1894 Jun 22 j 01:21 | 12°  36'08 | -0°22'27 |
| | -1900 Aug 18 j 08:28 | 0°  | | min. Earth dist. | -1894 Jun 22 j 08:56 | 12°  33'40 | 4.07561 AU |
| retrograde | -1900 Nov 10 j 15:56 | 9°  32'35 | | direct | -1894 Aug 20 j 19:23 | 7°  42'23 | |
| opposition | -1899 Jan 09 j 12:14 | 4°  35'55 | 1°01'39 | evening set | -1894 Dec 23 j 08:25 | 26°  47'30 | |
| min. Earth dist. | -1899 Jan 09 j 16:59 | 4°  34'22 | 4.37835 AU | | | | |
| | -1899 Feb 22 j 22:12 | 30°  | | conjunction | -1893 Jan 05 j 06:47 | 29°  52'41 | -0°36'35 |
| direct | -1899 Mar 12 j 04:35 | 29°  32'28 | | minimum elong | -1893 Jan 05 j 06:44 | 29°  52'39 | 0°36'38 |
| | -1899 Mar 29 j 13:50 | 0°  | | max. Earth dist. | -1893 Jan 05 j 10:20 | 29°  54'48 | 6.02855 AU |
| evening set | -1899 Jul 17 j 15:38 | 17°  23'54 | | | -1893 Jan 05 j 19:01 | 0°  | |
| | | | | morning rise | -1893 Jan 18 j 07:32 | 2°  59'21 | |
| conjunction | -1899 Jul 30 j 20:05 | 20°  15'53 | 0°58'11 | retrograde | -1893 May 29 j 19:30 | 23°  10'39 | |
| minimum elong | -1899 Jul 30 j 20:02 | 20°  15'52 | 0°58'13 | opposition | -1893 Jul 29 j 03:23 | 18°  10'01 | -1°23'30 |
| max. Earth dist. | -1899 Jul 30 j 00:47 | 20°  05'22 | 6.40719 AU | min. Earth dist. | -1893 Jul 28 j 15:07 | 18°  14'05 | 3.99674 AU |
| morning rise | -1899 Aug 12 j 21:19 | 23°  06'15 | | direct | -1893 Sep 25 j 15:33 | 13°  16'46 | |
| | -1899 Sep 15 j 00:14 | 0°  | | | -1892 Jan 16 j 22:01 | 0°  | |
| retrograde | -1899 Dec 11 j 02:47 | 10°  01'20 | | evening set | -1892 Jan 28 j 09:36 | 2°  43'07 | |
| opposition | -1898 Feb 09 j 09:32 | 5°  07'50 | 1°40'36 | | | | |
| min. Earth dist. | -1898 Feb 10 j 05:09 | 5°  01'29 | 4.42132 AU | conjunction | -1892 Feb 10 j 15:02 | 5°  53'27 | -1°08'46 |
| direct | -1898 Apr 12 j 21:13 | 0°  04'58 | | minimum elong | -1892 Feb 10 j 15:00 | 5°  53'26 | 1°08'47 |
| | -1898 Aug 04 j 22:55 | 15°  | | max. Earth dist. | -1892 Feb 11 j 21:59 | 6°  12'02 | 5.98299 AU |
| evening set | -1898 Aug 18 j 00:34 | 17°  04'09 | | morning rise | -1892 Feb 23 j 23:57 | 9°  05'35 | |
| max. Earth dist. | -1898 Aug 29 j 07:31 | 20°  15'54 | 6.41728 AU | | -1892 Mar 20 j 09:59 | 15°  | |
| | | | | retrograde | -1892 Jul 05 j 08:34 | 29°  35'44 | |
| conjunction | -1898 Aug 30 j 20:44 | 20°  03'16 | 1°15'52 | min. Earth dist. | -1892 Sep 02 j 01:53 | 24°  41'19 | 3.99144 AU |
| minimum elong | -1898 Aug 30 j 20:43 | 20°  03'15 | 1°15'54 | opposition | -1892 Sep 03 j 06:22 | 24°  31'41 | -1°53'19 |
| morning rise | -1898 Sep 12 j 13:52 | 23°  02'30 | | direct | -1892 Oct 31 j 03:45 | 19°  36'41 | |
| | -1898 Oct 14 j 03:03 | 0°  | | | -1891 Jan 24 j 07:15 | 0°  | |
| retrograde | -1897 Jan 11 j 00:01 | 10°  20'11 | | evening set | -1891 Mar 05 j 14:48 | 9°  04'02 | |
| opposition | -1897 Mar 12 j 16:09 | 5°  28'26 | 1°52'00 | | | | |
| min. Earth dist. | -1897 Mar 13 j 22:53 | 5°  18'37 | 4.39906 AU | conjunction | -1891 Mar 19 j 03:55 | 12°  16'11 | -1°14'38 |
| direct | -1897 May 14 j 09:37 | 0°  27'17 | | minimum elong | -1891 Mar 19 j 03:56 | 12°  16'12 | 1°14'38 |
| evening set | -1897 Sep 17 j 20:16 | 18°  15'56 | | max. Earth dist. | -1891 Mar 21 j 05:07 | 12°  45'18 | 6.01717 AU |
| max. Earth dist. | -1897 Sep 28 j 12:36 | 20°  38'04 | 6.36334 AU | morning rise | -1891 Apr 01 j 19:45 | 15°  29'36 | |
| | | | | | -1891 Jun 10 j 10:47 | 0°  | |
| conjunction | -1897 Sep 30 j 11:06 | 21°  03'57 | 1°12'37 | retrograde | -1891 Aug 10 j 15:33 | 5°  32'06 | |
| minimum elong | -1897 Sep 30 j 11:08 | 21°  03'58 | 1°12'37 | min. Earth dist. | -1891 Oct 07 j 21:04 | 0°  37'35 | 4.06150 AU |
| morning rise | -1897 Oct 13 j 00:07 | 23°  05'10 | | opposition | -1891 Oct 09 j 04:35 | 0°  26'49 | -1°39'09 |
| | -1897 Nov 10 j 16:06 | 0°  | | | -1891 Oct 12 j 11:10 | 30°  | |
| retrograde | -1896 Feb 12 j 03:25 | 11°  16'41 | | direct | -1891 Dec 06 j 11:03 | 25°  28'42 | |
| opposition | -1896 Apr 13 j 02:09 | 6°  24'51 | 1°32'16 | | -1890 Jan 29 j 11:26 | 0°  | |
| min. Earth dist. | -1896 Apr 14 j 11:03 | 6°  14'23 | 4.31666 AU | evening set | -1890 Apr 11 j 16:42 | 14°  35'54 | |
| direct | -1896 Jun 14 j 08:05 | 1°  26'09 | | | | | |
| evening set | -1896 Oct 17 j 22:54 | 19°  23'06 | | conjunction | -1890 Apr 25 j 10:52 | 17°  45'50 | -0°52'29 |
| max. Earth dist. | -1896 Oct 28 j 20:14 | 22°  20'41 | 6.25920 AU | minimum elong | -1890 Apr 25 j 10:55 | 17°  45'52 | 0°52'28 |
| | | | | max. Earth dist. | -1890 Apr 27 j 10:51 | 18°  13'28 | 6.11635 AU |
| conjunction | -1896 Oct 30 j 12:52 | 22°  24'52 | 0°48'18 | morning rise | -1890 May 09 j 06:04 | 20°  56'04 | |
| minimum elong | -1896 Oct 30 j 12:55 | 22°  24'53 | 0°48'18 | | -1890 Jun 20 j 01:57 | 0°  | |
| morning rise | -1896 Nov 12 j 02:07 | 25°  16'33 | | retrograde | -1890 Sep 13 j 18:21 | 9°  59'24 | |
| | -1896 Dec 03 j 07:54 | 0°  | | min. Earth dist. | -1890 Nov 11 j 04:47 | 5°  04'20 | 4.17844 AU |
| retrograde | -1895 Mar 17 j 03:44 | 13°  32'28 | | opposition | -1890 Nov 12 j 05:59 | 4°  55'46 | -0°50'08 |
| opposition | -1895 May 17 j 04:31 | 8° 38'54 | 0°43'38 | | -1889 Jan 03 j 05:22 | 30° | |
| min. Earth dist. | -1895 May 18 j 05:25 | 8° 30'56 | 4.19665 AU | direct | -1889 Jan 10 j 12:05 | 29° 54'41 | |
| direct | -1895 Jul 17 j 08:03 | 3° 43'01 | | | -1889 Jan 17 j 19:58 | 0° | |
| | -1895 Oct 17 j 13:45 | 15° | | | -1889 May 01 j 12:07 | 15° | |
| evening set | -1895 Nov 19 j 05:37 | 22° 17'44 | | evening set | -1889 May 17 j 12:25 | 18° 31'10 | |
| | | | | | | | |
| conjunction | -1895 Dec 01 j 22:15 | 25° 15'53 | 0°08'03 | conjunction | -1889 May 31 j 06:07 | 21° 35'30 | -0°12'57 |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 2

Attention, astronomical year style is used: The year -1889 in astronomical counting style is the year 1890 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| minimum elong | -1889 May 31 j 06:08 | 21°♄35'31 | 0°12'55 | min. Earth dist. | -1883 May 23 j 01:53 | 13°♄19'36 | 4.17477 AU |
| behind sun begin | -1889 May 31 j 01:12 | 21°♄32'46 | | direct | -1883 Jul 22 j 02:04 | 8°♄31'18 | |
| behind sun end | -1889 May 31 j 11:03 | 21°♄38'15 | | | -1883 Sep 27 j 06:47 | 15°♄ | |
| max. Earth dist. | -1889 Jun 01 j 09:47 | 21°♄51'00 | 6.24190 AU | evening set | -1883 Nov 23 j 22:46 | 27°♄11'49 | |
| morning rise | -1889 Jun 13 j 22:58 | 24°♄39'09 | | | -1883 Dec 05 j 21:17 | 0°♄ | |
| | -1889 Jul 08 j 15:08 | 0°♄ | | | | | |
| asc. node | -1889 Sep 27 j 03:46 | 12°♄05'18 | | conjunction | -1883 Dec 06 j 16:16 | 0°♄11'10 | 0°01'39 |
| retrograde | -1889 Oct 15 j 22:59 | 12°♄39'40 | | minimum elong | -1883 Dec 06 j 16:16 | 0°♄11'11 | 0°01'37 |
| opposition | -1889 Dec 14 j 13:30 | 7°♄39'33 | 0°12'24 | behind sun begin | -1883 Dec 06 j 08:14 | 0°♄06'28 | |
| min. Earth dist. | -1889 Dec 14 j 03:49 | 7°♄42'48 | 4.30037 AU | behind sun end | -1883 Dec 07 j 00:19 | 0°♄15'53 | |
| direct | -1888 Feb 13 j 04:34 | 2°♄36'33 | | max. Earth dist. | -1883 Dec 05 j 20:46 | 29°♄59'42 | 6.11395 AU |
| evening set | -1888 Jun 19 j 13:57 | 20°♄44'21 | | morning rise | -1883 Dec 19 j 10:57 | 3°♄11'27 | |
| | | | | desc. node | -1883 Dec 20 j 16:16 | 3°♄28'35 | |
| conjunction | -1888 Jul 03 j 01:56 | 23°♄41'42 | 0°29'15 | retrograde | -1882 Apr 27 j 13:45 | 22°♄39'05 | |
| minimum elong | -1888 Jul 03 j 01:54 | 23°♄41'41 | 0°29'17 | opposition | -1882 Jun 27 j 06:43 | 17°♄41'52 | -0°32'04 |
| max. Earth dist. | -1888 Jul 03 j 04:25 | 23°♄43'04 | 6.35119 AU | min. Earth dist. | -1882 Jun 27 j 11:37 | 17°♄40'16 | 4.05914 AU |
| morning rise | -1888 Jul 16 j 11:11 | 26°♄37'37 | | direct | -1882 Aug 25 j 19:59 | 12°♄48'23 | |
| | -1888 Aug 01 j 03:53 | 0°♄ | | | -1882 Dec 20 j 01:52 | 0°♄ | |
| retrograde | -1888 Nov 14 j 19:05 | 13°♄52'02 | | evening set | -1882 Dec 28 j 09:16 | 1°♄57'54 | |
| opposition | -1887 Jan 13 j 17:55 | 8°♄55'50 | 1°08'20 | | | | |
| min. Earth dist. | -1887 Jan 14 j 00:25 | 8°♄53'42 | 4.38948 AU | conjunction | -1881 Jan 10 j 08:26 | 5°♄03'59 | -0°42'19 |
| direct | -1887 Mar 16 j 12:53 | 3°♄52'22 | | minimum elong | -1881 Jan 10 j 08:23 | 5°♄03'57 | 0°42'22 |
| evening set | -1887 Jul 21 j 23:57 | 21°♄41'28 | | max. Earth dist. | -1881 Jan 10 j 15:35 | 5°♄08'16 | 6.01714 AU |
| max. Earth dist. | -1887 Aug 03 j 03:49 | 24°♄20'01 | 6.41290 AU | morning rise | -1881 Jan 23 j 10:29 | 8°♄11'41 | |
| | | | | retrograde | -1881 Jun 04 j 03:22 | 28°♄28'12 | |
| conjunction | -1887 Aug 04 j 03:04 | 24°♄32'41 | 1°01'43 | opposition | -1881 Aug 03 j 10:57 | 23°♄26'58 | -1°30'09 |
| minimum elong | -1887 Aug 04 j 03:01 | 24°♄32'40 | 1°01'44 | min. Earth dist. | -1881 Aug 02 j 18:36 | 23°♄32'24 | 3.99186 AU |
| morning rise | -1887 Aug 17 j 03:06 | 27°♄22'20 | | direct | -1881 Sep 30 j 18:55 | 18°♄33'37 | |
| | -1887 Aug 29 j 09:20 | 0°♄ | | | -1881 Dec 29 j 17:09 | 0°♄ | |
| retrograde | -1887 Dec 15 j 08:00 | 14°♄16'11 | | evening set | -1880 Feb 02 j 15:27 | 8°♄00'57 | |
| opposition | -1886 Feb 13 j 15:16 | 9°♄23'03 | 1°43'54 | | | | |
| min. Earth dist. | -1886 Feb 14 j 13:59 | 9°♄15'44 | 4.42136 AU | conjunction | -1880 Feb 15 j 22:03 | 11°♄11'42 | -1°11'23 |
| direct | -1886 Apr 17 j 05:24 | 4°♄20'22 | | minimum elong | -1880 Feb 15 j 22:01 | 11°♄11'40 | 1°11'24 |
| | -1886 Jul 19 j 08:25 | 15°♄ | | max. Earth dist. | -1880 Feb 17 j 09:49 | 11°♄33'09 | 5.98479 AU |
| evening set | -1886 Aug 22 j 06:13 | 22°♄03'57 | | morning rise | -1880 Feb 29 j 07:52 | 14°♄24'08 | |
| max. Earth dist. | -1886 Sep 02 j 09:02 | 24°♄29'45 | 6.41138 AU | | -1880 Mar 02 j 20:18 | 15°♄ | |
| | | | | | -1880 May 14 j 10:07 | 0°♄ | |
| conjunction | -1886 Sep 04 j 01:29 | 24°♄51'56 | 1°16'41 | retrograde | -1880 Jul 10 j 15:03 | 4°♄52'15 | |
| minimum elong | -1886 Sep 04 j 01:29 | 24°♄51'55 | 1°16'43 | | -1880 Sep 06 j 23:00 | 30°♄ | |
| morning rise | -1886 Sep 16 j 17:54 | 27°♄38'36 | | min. Earth dist. | -1880 Sep 07 j 05:51 | 29°♄57'41 | 3.99958 AU |
| | -1886 Sep 27 j 15:31 | 0°♄ | | opposition | -1880 Sep 08 j 10:56 | 29°♄47'49 | -1°53'57 |
| retrograde | -1885 Jan 15 j 08:04 | 14°♄39'04 | | direct | -1880 Nov 05 j 09:39 | 24°♄52'25 | |
| opposition | -1885 Mar 17 j 01:04 | 9°♄47'24 | 1°51'09 | | -1879 Jan 01 j 14:20 | 0°♄ | |
| min. Earth dist. | -1885 Mar 18 j 08:38 | 9°♄37'19 | 4.38775 AU | evening set | -1879 Mar 10 j 21:13 | 14°♄16'56 | |
| direct | -1885 May 18 j 16:56 | 4°♄46'32 | | | | | |
| evening set | -1885 Sep 22 j 02:35 | 22°♄38'19 | | conjunction | -1879 Mar 24 j 11:13 | 17°♄28'51 | -1°13'03 |
| max. Earth dist. | -1885 Oct 02 j 19:34 | 25°♄01'20 | 6.34752 AU | minimum elong | -1879 Mar 24 j 11:15 | 17°♄28'52 | 1°13'02 |
| | | | | max. Earth dist. | -1879 Mar 26 j 14:02 | 17°♄58'48 | 6.03059 AU |
| conjunction | -1885 Oct 04 j 17:14 | 25°♄26'51 | 1°10'26 | morning rise | -1879 Apr 07 j 03:46 | 20°♄41'56 | |
| minimum elong | -1885 Oct 04 j 17:16 | 25°♄26'52 | 1°10'26 | | -1879 May 19 j 01:32 | 0°♄ | |
| morning rise | -1885 Oct 17 j 05:57 | 28°♄14'38 | | retrograde | -1879 Aug 15 j 13:13 | 10°♄36'15 | |
| | -1885 Oct 25 j 04:48 | 0°♄ | | min. Earth dist. | -1879 Oct 12 j 18:14 | 5°♄41'58 | 4.07871 AU |
| retrograde | -1884 Feb 16 j 18:37 | 15°♄47'24 | | opposition | -1879 Oct 14 j 02:07 | 5°♄31'05 | -1°33'53 |
| opposition | -1884 Apr 17 j 17:26 | 10°♄55'30 | 1°27'05 | direct | -1879 Dec 11 j 10:17 | 0°♄32'32 | |
| min. Earth dist. | -1884 Apr 19 j 02:18 | 10°♄45'03 | 4.29723 AU | evening set | -1878 Apr 16 j 19:19 | 19°♄34'47 | |
| direct | -1884 Jun 18 j 20:10 | 5°♄57'16 | | | | | |
| evening set | -1884 Oct 22 j 09:17 | 24°♄09'15 | | conjunction | -1878 Apr 30 j 13:36 | 22°♄43'56 | -0°47'38 |
| max. Earth dist. | -1884 Nov 02 j 07:08 | 26°♄38'54 | 6.23781 AU | minimum elong | -1878 Apr 30 j 13:40 | 22°♄43'58 | 0°47'37 |
| | | | | max. Earth dist. | -1878 May 02 j 10:05 | 23°♄09'27 | 6.13581 AU |
| conjunction | -1884 Nov 03 j 23:22 | 27°♄01'59 | 0°43'25 | morning rise | -1878 May 14 j 08:53 | 25°♄53'17 | |
| minimum elong | -1884 Nov 03 j 23:25 | 27°♄02'00 | 0°43'25 | | -1878 Jun 01 j 18:05 | 0°♄ | |
| morning rise | -1884 Nov 16 j 13:19 | 29°♄54'50 | | retrograde | -1878 Sep 18 j 08:23 | 14°♄46'44 | |
| | -1884 Nov 16 j 22:23 | 0°♄ | | opposition | -1878 Nov 16 j 20:29 | 9°♄43'29 | -0°41'41 |
| | -1883 Feb 02 j 13:08 | 15°♄ | | min. Earth dist. | -1878 Nov 15 j 21:48 | 9°♄51'11 | 4.19809 AU |
| retrograde | -1883 Mar 22 j 03:17 | 18°♄20'43 | | direct | -1877 Jan 15 j 07:47 | 4°♄42'03 | |
| | -1883 May 09 j 19:08 | 15°♄ | | | -1877 Apr 13 j 13:44 | 15°♄ | |
| opposition | -1883 May 22 j 03:28 | 13°♄26'47 | 0°34'59 | evening set | -1877 May 22 j 08:31 | 23°♄13'30 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 3

Attention, astronomical year style is used: The year -1877 in astronomical counting style is the year 1878 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| conjunction | -1877 Jun 05 j 01:51 | 26°♄16'52 | -0°06'55 | retrograde | -1871 Mar 27 j 04:22 | 23°♄11'19 | |
| minimum elong | -1877 Jun 05 j 01:51 | 26°♄16'52 | 0°06'53 | opposition | -1871 May 27 j 03:23 | 18°♄17'03 | 0°25'59 |
| behind sun begin | -1877 Jun 04 j 18:09 | 26°♄12'35 | | min. Earth dist. | -1871 May 28 j 00:06 | 18°♄10'24 | 4.15770 AU |
| behind sun end | -1877 Jun 05 j 09:33 | 26°♄21'09 | | | -1871 Jun 24 j 04:54 | 15°♄ | |
| max. Earth dist. | -1877 Jun 06 j 03:12 | 26°♄31'01 | 6.26041 AU | direct | -1871 Jul 26 j 22:12 | 13°♄21'57 | |
| morning rise | -1877 Jun 18 j 17:44 | 29°♄19'20 | | | -1871 Aug 28 j 06:33 | 15°♄ | |
| | -1877 Jun 21 j 19:23 | 0°♄ | | desc. node | -1871 Oct 30 j 08:41 | 25°♄27'55 | |
| asc. node | -1877 Aug 07 j 08:16 | 9°♄32'37 | | | -1871 Nov 19 j 15:01 | 0°♄ | |
| retrograde | -1877 Oct 20 j 06:25 | 17°♄11'49 | | evening set | -1871 Nov 28 j 16:22 | 2°♄06'22 | |
| opposition | -1877 Dec 18 j 22:42 | 12°♄12'16 | 0°20'58 | | | | |
| min. Earth dist. | -1877 Dec 18 j 14:41 | 12°♄14'57 | 4.31632 AU | conjunction | -1871 Dec 11 j 10:24 | 5°♄06'38 | -0°04'52 |
| direct | -1876 Feb 17 j 17:23 | 7°♄09'10 | | minimum elong | -1871 Dec 11 j 10:24 | 5°♄06'38 | 0°04'54 |
| evening set | -1876 Jun 24 j 04:08 | 25°♄13'24 | | behind sun begin | -1871 Dec 11 j 02:33 | 5°♄02'02 | |
| | | | | behind sun end | -1871 Dec 11 j 18:14 | 5°♄11'14 | |
| conjunction | -1876 Jul 07 j 14:49 | 28°♄09'46 | 0°34'33 | max. Earth dist. | -1871 Dec 10 j 17:36 | 4°♄56'44 | 6.09925 AU |
| minimum elong | -1876 Jul 07 j 14:46 | 28°♄09'45 | 0°34'36 | morning rise | -1871 Dec 24 j 06:09 | 8°♄07'58 | |
| max. Earth dist. | -1876 Jul 07 j 11:48 | 28°♄08'07 | 6.36336 AU | retrograde | -1870 May 02 j 17:48 | 27°♄43'02 | |
| | -1876 Jul 16 j 00:14 | 0°♄ | | opposition | -1870 Jul 02 j 10:59 | 22°♄45'12 | -0°41'21 |
| morning rise | -1876 Jul 20 j 22:57 | 1°♄04'41 | | min. Earth dist. | -1870 Jul 02 j 11:42 | 22°♄44'58 | 4.04836 AU |
| retrograde | -1876 Nov 19 j 01:37 | 18°♄14'42 | | direct | -1870 Aug 30 j 19:01 | 17°♄51'51 | |
| opposition | -1875 Jan 18 j 00:56 | 13°♄19'00 | 1°14'43 | | -1870 Dec 02 j 16:32 | 0°♄ | |
| min. Earth dist. | -1875 Jan 18 j 10:54 | 13°♄15'44 | 4.39729 AU | evening set | -1869 Jan 02 j 08:35 | 7°♄03'44 | |
| direct | -1875 Mar 21 j 00:23 | 8°♄15'31 | | | | | |
| evening set | -1875 Jul 26 j 09:30 | 26°♄03'14 | | conjunction | -1869 Jan 15 j 08:43 | 10°♄10'27 | -0°47'37 |
| max. Earth dist. | -1875 Aug 07 j 09:50 | 28°♄39'50 | 6.41566 AU | minimum elong | -1869 Jan 15 j 08:40 | 10°♄10'26 | 0°47'40 |
| | | | | max. Earth dist. | -1869 Jan 15 j 21:25 | 10°♄18'04 | 6.01120 AU |
| conjunction | -1875 Aug 08 j 11:35 | 28°♄53'52 | 1°04'58 | morning rise | -1869 Jan 28 j 11:37 | 13°♄18'49 | |
| minimum elong | -1875 Aug 08 j 11:33 | 28°♄53'51 | 1°04'59 | | -1869 Apr 21 j 05:36 | 0°♄ | |
| | -1875 Aug 13 j 12:56 | 0°♄ | | retrograde | -1869 Jun 09 j 09:45 | 3°♄38'16 | |
| morning rise | -1875 Aug 21 j 10:19 | 1°♄42'55 | | | -1869 Jul 29 j 01:50 | 30°♄ | |
| | -1875 Oct 31 j 05:24 | 15°♄ | | opposition | -1869 Aug 08 j 15:30 | 28°♄36'28 | -1°35'52 |
| retrograde | -1875 Dec 19 j 13:22 | 18°♄36'25 | | min. Earth dist. | -1869 Aug 07 j 21:36 | 28°♄42'26 | 3.99154 AU |
| | -1874 Feb 07 j 22:43 | 15°♄ | | direct | -1869 Oct 05 j 22:33 | 23°♄42'55 | |
| opposition | -1874 Feb 17 j 22:59 | 13°♄43'33 | 1°46'42 | | -1869 Dec 08 j 19:55 | 0°♄ | |
| min. Earth dist. | -1874 Feb 18 j 22:40 | 13°♄35'56 | 4.41924 AU | evening set | -1868 Feb 07 j 18:30 | 13°♄09'49 | |
| direct | -1874 Apr 21 j 13:17 | 8°♄41'03 | | | -1868 Feb 15 j 11:08 | 15°♄ | |
| | -1874 Jun 29 j 16:59 | 15°♄ | | | | | |
| evening set | -1874 Aug 26 j 13:44 | 26°♄25'29 | | conjunction | -1868 Feb 21 j 02:04 | 16°♄20'44 | -1°13'21 |
| max. Earth dist. | -1874 Sep 06 j 14:14 | 28°♄50'21 | 6.40444 AU | minimum elong | -1868 Feb 21 j 02:02 | 16°♄20'44 | 1°13'23 |
| | | | | max. Earth dist. | -1868 Feb 22 j 16:54 | 16°♄43'58 | 5.98983 AU |
| conjunction | -1874 Sep 08 j 08:07 | 29°♄13'22 | 1°17'06 | morning rise | -1868 Mar 05 j 12:54 | 19°♄33'21 | |
| minimum elong | -1874 Sep 08 j 08:06 | 29°♄13'22 | 1°17'07 | | -1868 Apr 21 j 07:32 | 0°♄ | |
| | -1874 Sep 11 j 20:55 | 0°♄ | | retrograde | -1868 Jul 15 j 15:58 | 9°♄57'54 | |
| morning rise | -1874 Sep 20 j 23:49 | 2°♄00'01 | | min. Earth dist. | -1868 Sep 12 j 04:28 | 5°♄03'36 | 4.00967 AU |
| retrograde | -1873 Jan 19 j 19:31 | 19°♄04'04 | | opposition | -1868 Sep 13 j 11:00 | 4°♄53'14 | -1°53'38 |
| opposition | -1873 Mar 21 j 12:49 | 14°♄12'29 | 1°49'39 | | -1868 Nov 05 j 10:46 | 30°♄ | |
| min. Earth dist. | -1873 Mar 22 j 21:56 | 14°♄01'56 | 4.37643 AU | direct | -1868 Nov 10 j 09:22 | 29°♄57'27 | |
| direct | -1873 May 23 j 04:46 | 9°♄11'57 | | | -1868 Nov 15 j 07:59 | 0°♄ | |
| evening set | -1873 Sep 26 j 10:50 | 27°♄06'28 | | evening set | -1867 Mar 15 j 23:56 | 19°♄18'51 | |
| max. Earth dist. | -1873 Oct 07 j 02:45 | 29°♄29'26 | 6.33271 AU | | | | |
| | | | | conjunction | -1867 Mar 29 j 14:36 | 22°♄30'28 | -1°10'57 |
| conjunction | -1873 Oct 09 j 01:11 | 29°♄55'28 | 1°07'48 | minimum elong | -1867 Mar 29 j 14:38 | 22°♄30'29 | 1°10'57 |
| minimum elong | -1873 Oct 09 j 01:13 | 29°♄55'29 | 1°07'48 | max. Earth dist. | -1867 Mar 31 j 16:03 | 22°♄59'31 | 6.04451 AU |
| | -1873 Oct 09 j 09:16 | 0°♄ | | morning rise | -1867 Apr 12 j 07:51 | 25°♄43'11 | |
| morning rise | -1873 Oct 21 j 13:55 | 2°♄43'50 | | | -1867 May 01 j 00:28 | 0°♄ | |
| retrograde | -1872 Feb 21 j 10:58 | 20°♄23'29 | | retrograde | -1867 Aug 20 j 06:36 | 15°♄29'33 | |
| opposition | -1872 Apr 22 j 10:55 | 15°♄31'22 | 1°21'15 | opposition | -1867 Oct 18 j 19:44 | 10°♄24'29 | -1°28'09 |
| min. Earth dist. | -1872 Apr 23 j 18:07 | 15°♄21'26 | 4.28003 AU | min. Earth dist. | -1867 Oct 17 j 13:13 | 10°♄34'55 | 4.09478 AU |
| direct | -1872 Jun 23 j 09:43 | 10°♄33'32 | | direct | -1867 Dec 16 j 07:30 | 5°♄25'30 | |
| evening set | -1872 Oct 26 j 21:14 | 28°♄49'33 | | evening set | -1866 Apr 21 j 17:57 | 24°♄23'29 | |
| | -1872 Nov 01 j 00:22 | 0°♄ | | | | | |
| max. Earth dist. | -1872 Nov 06 j 23:13 | 1°♄22'08 | 6.21998 AU | conjunction | -1866 May 05 j 12:36 | 27°♄32'01 | -0°42'37 |
| | | | | minimum elong | -1866 May 05 j 12:39 | 27°♄32'02 | 0°42'36 |
| conjunction | -1872 Nov 08 j 11:43 | 1°♄43'09 | 0°38'12 | max. Earth dist. | -1866 May 07 j 07:54 | 27°♄56'44 | 6.15287 AU |
| minimum elong | -1872 Nov 08 j 11:45 | 1°♄43'10 | 0°38'10 | | -1866 May 16 j 08:09 | 0°♄ | |
| morning rise | -1872 Nov 21 j 01:59 | 4°♄36'56 | | morning rise | -1866 May 19 j 07:37 | 0°♄40'32 | |
| | -1871 Jan 08 j 18:41 | 15°♄ | | | -1866 Jul 30 j 13:14 | 15°♄ | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 4

Attention, astronomical year style is used: The year -1866 in astronomical counting style is the year 1867 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|----------------------|------------|------------------|----------------------|----------------------|------------|
| retrograde | -1866 Sep 22 j 19:53 | 19° ♁ 25'20 | | | -1860 Oct 15 j 21:13 | 0° ♁ | |
| | -1866 Nov 16 j 17:17 | 15° ♁ | | evening set | -1860 Oct 31 j 08:40 | 3° ♁ 29'35 | |
| min. Earth dist. | -1866 Nov 20 j 11:05 | 14° ♁ 29'41 | 4.21446 AU | | | | |
| opposition | -1866 Nov 21 j 07:56 | 14° ♁ 22'38 | -0°33'14 | conjunction | -1860 Nov 12 j 23:24 | 6° ♁ 23'56 | 0°32'44 |
| direct | -1865 Jan 19 j 22:44 | 9° ♁ 20'58 | | minimum elong | -1860 Nov 12 j 23:26 | 6° ♁ 23'58 | 0°32'43 |
| | -1865 Mar 23 j 18:34 | 15° ♁ | | max. Earth dist. | -1860 Nov 11 j 12:11 | 6° ♁ 03'37 | 6.20464 AU |
| evening set | -1865 May 27 j 02:13 | 27° ♁ 48'48 | | morning rise | -1860 Nov 25 j 14:18 | 9° ♁ 18'38 | |
| | -1865 Jun 05 j 22:38 | 0° ♁ | | | -1860 Dec 21 j 00:23 | 15° ♁ | |
| | | | | retrograde | -1859 Apr 01 j 02:41 | 28° ♁ 00'41 | |
| conjunction | -1865 Jun 09 j 18:45 | 0° ♁ 51'16 | -0°00'58 | opposition | -1859 Jun 01 j 02:16 | 23° ♁ 05'56 | 0°16'51 |
| minimum elong | -1865 Jun 09 j 18:46 | 0° ♁ 51'17 | 0°00'57 | min. Earth dist. | -1859 Jun 01 j 19:40 | 23° ♁ 00'19 | 4.14276 AU |
| behind sun begin | -1865 Jun 09 j 10:27 | 0° ♁ 46'40 | | direct | -1859 Jul 31 j 15:34 | 18° ♁ 11'07 | |
| behind sun end | -1865 Jun 10 j 03:06 | 0° ♁ 55'53 | | desc. node | -1859 Sep 09 j 12:00 | 20° ♁ 38'19 | |
| max. Earth dist. | -1865 Jun 10 j 14:44 | 1° ♁ 02'22 | 6.27483 AU | | -1859 Nov 02 j 13:21 | 0° ♁ | |
| asc. node | -1865 Jun 18 j 11:15 | 2° ♁ 47'08 | | evening set | -1859 Dec 03 j 08:58 | 6° ♁ 58'55 | |
| morning rise | -1865 Jun 23 j 10:01 | 3° ♁ 52'50 | | | | | |
| retrograde | -1865 Oct 24 j 13:33 | 21° ♁ 39'00 | | conjunction | -1859 Dec 16 j 03:45 | 10° ♁ 00'03 | -0°11'11 |
| opposition | -1865 Dec 23 j 06:18 | 16° ♁ 40'02 | 0°29'12 | minimum elong | -1859 Dec 16 j 03:44 | 10° ♁ 00'02 | 0°11'13 |
| min. Earth dist. | -1865 Dec 23 j 01:20 | 16° ♁ 41'41 | 4.32787 AU | behind sun begin | -1859 Dec 15 j 21:43 | 9° ♁ 56'29 | |
| direct | -1864 Feb 22 j 05:38 | 11° ♁ 36'48 | | behind sun end | -1859 Dec 16 j 09:45 | 10° ♁ 03'35 | |
| evening set | -1864 Jun 28 j 16:45 | 29° ♁ 39'05 | | max. Earth dist. | -1859 Dec 15 j 15:18 | 9° ♁ 52'41 | 6.08604 AU |
| | -1864 Jun 30 j 07:15 | 0° ♁ | | morning rise | -1859 Dec 29 j 00:14 | 13° ♁ 02'18 | |
| | | | | | -1858 Mar 26 j 07:49 | 0° ♁ | |
| conjunction | -1864 Jul 12 j 02:33 | 2° ♁ 34'43 | 0°39'35 | retrograde | -1858 May 07 j 22:28 | 2° ♁ 44'18 | |
| minimum elong | -1864 Jul 12 j 02:30 | 2° ♁ 34'42 | 0°39'36 | | -1858 Jun 19 j 20:08 | 30° ♁ | |
| max. Earth dist. | -1864 Jul 11 j 21:17 | 2° ♁ 31'50 | 6.37131 AU | opposition | -1858 Jul 07 j 13:33 | 27° ♁ 45'55 | -0°50'16 |
| morning rise | -1864 Jul 25 j 09:18 | 5° ♁ 28'48 | | min. Earth dist. | -1858 Jul 07 j 12:39 | 27° ♁ 46'13 | 4.03798 AU |
| retrograde | -1864 Nov 23 j 06:36 | 22° ♁ 35'56 | | direct | -1858 Sep 04 j 18:30 | 22° ♁ 52'38 | |
| opposition | -1863 Jan 22 j 07:35 | 17° ♁ 40'47 | 1°20'37 | | -1858 Nov 12 j 20:15 | 0° ♁ | |
| min. Earth dist. | -1863 Jan 22 j 18:59 | 17° ♁ 37'03 | 4.40142 AU | evening set | -1857 Jan 07 j 07:05 | 12° ♁ 07'07 | |
| direct | -1863 Mar 25 j 08:52 | 12° ♁ 37'27 | | | | | |
| | -1863 Jul 28 j 20:42 | 0° ♁ | | conjunction | -1857 Jan 20 j 08:08 | 15° ♁ 14'33 | -0°52'33 |
| evening set | -1863 Jul 30 j 18:45 | 0° ♁ 24'52 | | minimum elong | -1857 Jan 20 j 08:05 | 15° ♁ 14'31 | 0°52'34 |
| | | | | max. Earth dist. | -1857 Jan 21 j 00:09 | 15° ♁ 24'09 | 6.00452 AU |
| conjunction | -1863 Aug 12 j 19:33 | 3° ♁ 15'01 | 1°07'48 | morning rise | -1857 Feb 02 j 12:11 | 18° ♁ 23'40 | |
| minimum elong | -1863 Aug 12 j 19:30 | 3° ♁ 15'00 | 1°07'50 | | -1857 Mar 27 j 00:28 | 0° ♁ | |
| max. Earth dist. | -1863 Aug 11 j 14:09 | 2° ♁ 58'59 | 6.41556 AU | retrograde | -1857 Jun 14 j 13:57 | 8° ♁ 46'07 | |
| morning rise | -1863 Aug 25 j 17:20 | 6° ♁ 03'40 | | opposition | -1857 Aug 13 j 18:19 | 3° ♁ 43'51 | -1°40'52 |
| | -1863 Oct 08 j 13:46 | 15° ♁ | | min. Earth dist. | -1857 Aug 12 j 21:49 | 3° ♁ 50'43 | 3.98962 AU |
| retrograde | -1863 Dec 23 j 21:52 | 22° ♁ 57'50 | | | -1857 Sep 14 j 14:39 | 30° ♁ | |
| opposition | -1862 Feb 22 j 07:35 | 18° ♁ 05'17 | 1°48'54 | direct | -1857 Oct 10 j 22:18 | 28° ♁ 50'05 | |
| min. Earth dist. | -1862 Feb 23 j 09:37 | 17° ♁ 56'55 | 4.41520 AU | | -1857 Nov 06 j 05:11 | 0° ♁ | |
| | -1862 Mar 20 j 06:11 | 15° ♁ | | | -1856 Jan 29 j 21:09 | 15° ♁ | |
| direct | -1862 Apr 26 j 00:02 | 13° ♁ 03'01 | | evening set | -1856 Feb 12 j 21:08 | 18° ♁ 17'31 | |
| | -1862 Jun 01 j 20:12 | 15° ♁ | | | | | |
| | -1862 Aug 27 j 04:04 | 0° ♁ | | conjunction | -1856 Feb 26 j 05:40 | 21° ♁ 28'46 | -1°14'46 |
| evening set | -1862 Aug 30 j 21:26 | 0° ♁ 48'39 | | minimum elong | -1856 Feb 26 j 05:39 | 21° ♁ 28'45 | 1°14'47 |
| max. Earth dist. | -1862 Sep 10 j 20:51 | 3° ♁ 13'14 | 6.39669 AU | max. Earth dist. | -1856 Feb 27 j 21:50 | 21° ♁ 52'46 | 5.99254 AU |
| | | | | morning rise | -1856 Mar 10 j 17:34 | 24° ♁ 41'41 | |
| conjunction | -1862 Sep 12 j 15:10 | 3° ♁ 36'33 | 1°17'04 | | -1856 Apr 02 j 14:38 | 0° ♁ | |
| minimum elong | -1862 Sep 12 j 15:10 | 3° ♁ 36'33 | 1°17'04 | retrograde | -1856 Jul 20 j 16:25 | 15° ♁ 03'40 | |
| morning rise | -1862 Sep 25 j 06:08 | 6° ♁ 23'14 | | min. Earth dist. | -1856 Sep 17 j 03:46 | 10° ♁ 09'13 | 4.01664 AU |
| retrograde | -1861 Jan 24 j 05:25 | 23° ♁ 31'02 | | opposition | -1856 Sep 18 j 10:36 | 9° ♁ 58'43 | -1°52'31 |
| opposition | -1861 Mar 26 j 01:04 | 18° ♁ 39'28 | 1°47'28 | direct | -1856 Nov 15 j 09:58 | 5° ♁ 02'27 | |
| min. Earth dist. | -1861 Mar 27 j 09:19 | 18° ♁ 29'12 | 4.36561 AU | evening set | -1855 Mar 21 j 03:05 | 24° ♁ 22'01 | |
| direct | -1861 May 27 j 14:42 | 13° ♁ 39'18 | | | | | |
| | -1861 Sep 23 j 13:48 | 0° ♁ | | conjunction | -1855 Apr 03 j 18:45 | 27° ♁ 33'33 | -1°08'20 |
| evening set | -1861 Sep 30 j 19:24 | 1° ♁ 36'10 | | minimum elong | -1855 Apr 03 j 18:48 | 27° ♁ 33'35 | 1°08'20 |
| max. Earth dist. | -1861 Oct 11 j 12:27 | 4° ♁ 00'15 | 6.31966 AU | max. Earth dist. | -1855 Apr 05 j 21:28 | 28° ♁ 03'15 | 6.05521 AU |
| | | | | | -1855 Apr 14 j 05:21 | 0° ♁ | |
| conjunction | -1861 Oct 13 j 09:28 | 4° ♁ 25'34 | 1°04'45 | morning rise | -1855 Apr 17 j 12:28 | 0° ♁ 45'59 | |
| minimum elong | -1861 Oct 13 j 09:30 | 4° ♁ 25'36 | 1°04'45 | retrograde | -1855 Aug 25 j 02:10 | 20° ♁ 25'23 | |
| morning rise | -1861 Oct 25 j 22:08 | 7° ♁ 14'28 | | min. Earth dist. | -1855 Oct 22 j 08:31 | 15° ♁ 30'33 | 4.10789 AU |
| retrograde | -1860 Feb 26 j 05:00 | 25° ♁ 00'19 | | opposition | -1855 Oct 23 j 13:57 | 15° ♁ 20'31 | -1°21'46 |
| opposition | -1860 Apr 27 j 04:39 | 20° ♁ 08'01 | 1°14'52 | direct | -1855 Dec 21 j 04:25 | 10° ♁ 21'06 | |
| min. Earth dist. | -1860 Apr 28 j 11:38 | 19° ♁ 58'09 | 4.26524 AU | evening set | -1854 Apr 26 j 18:29 | 29° ♁ 15'54 | |
| direct | -1860 Jun 28 j 01:32 | 15° ♁ 10'33 | | | -1854 Apr 30 j 00:18 | 0° ♁ | |

Attention, astronomical year style is used: The year -1854 in astronomical counting style is the year 1855 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|--------------------|------------|------------------|----------------------|--------------------|------------|
| conjunction | -1854 May 10 j 13:07 | 2° 8 23'50 | -0°37'15 | opposition | -1848 May 01 j 20:01 | 24° 2 38'12 | 1°08'09 |
| minimum elong | -1854 May 10 j 13:10 | 2° 8 23'52 | 0°37'13 | min. Earth dist. | -1848 May 03 j 01:02 | 24° 2 28'58 | 4.25488 AU |
| max. Earth dist. | -1854 May 12 j 04:42 | 2° 8 46'22 | 6.16727 AU | direct | -1848 Jul 02 j 12:48 | 19° 2 41'08 | |
| morning rise | -1854 May 24 j 08:10 | 5° 8 31'41 | | | -1848 Sep 28 j 23:55 | 0° 8 | |
| | -1854 Jul 07 j 19:49 | 15° 8 | | evening set | -1848 Nov 04 j 17:29 | 8° 8 01'54 | |
| retrograde | -1854 Sep 27 j 08:17 | 24° 8 08'38 | | max. Earth dist. | -1848 Nov 15 j 23:29 | 10° 8 37'46 | 6.19298 AU |
| opposition | -1854 Nov 25 j 21:05 | 19° 8 06'21 | -0°24'27 | | | | |
| min. Earth dist. | -1854 Nov 25 j 01:56 | 19° 8 12'49 | 4.22876 AU | conjunction | -1848 Nov 17 j 08:27 | 10° 8 56'51 | 0°27'14 |
| | -1854 Dec 31 j 18:11 | 15° 8 | | minimum elong | -1848 Nov 17 j 08:28 | 10° 8 56'52 | 0°27'13 |
| direct | -1853 Jan 24 j 16:14 | 14° 8 04'21 | | morning rise | -1848 Nov 29 j 23:48 | 13° 8 52'15 | |
| | -1853 Feb 17 j 21:44 | 15° 8 | | | -1848 Dec 04 j 21:55 | 15° 8 | |
| asc. node | -1853 Apr 28 j 02:06 | 25° 8 17'46 | | | -1847 Feb 22 j 14:22 | 0° 8 | |
| | -1853 May 20 j 13:02 | 0° 8 | | retrograde | -1847 Apr 05 j 23:30 | 2° 8 40'55 | |
| evening set | -1853 May 31 j 21:49 | 2° 8 29'06 | | | -1847 May 18 j 19:54 | 30° 8 | |
| | | | | opposition | -1847 Jun 05 j 21:38 | 27° 8 45'46 | 0°07'51 |
| conjunction | -1853 Jun 14 j 13:52 | 5° 8 30'47 | 0°05'11 | min. Earth dist. | -1847 Jun 06 j 14:16 | 27° 8 40'24 | 4.13039 AU |
| minimum elong | -1853 Jun 14 j 13:51 | 5° 8 30'47 | 0°05'14 | desc. node | -1847 Jul 22 j 11:10 | 23° 8 09'42 | |
| behind sun begin | -1853 Jun 14 j 05:50 | 5° 8 26'21 | | direct | -1847 Aug 05 j 07:54 | 22° 8 51'12 | |
| behind sun end | -1853 Jun 14 j 21:52 | 5° 8 35'12 | | | -1847 Oct 14 j 15:50 | 0° 8 | |
| max. Earth dist. | -1853 Jun 15 j 07:28 | 5° 8 40'33 | 6.28823 AU | evening set | -1847 Dec 07 j 22:07 | 11° 8 41'54 | |
| morning rise | -1853 Jun 28 j 04:03 | 8° 8 31'22 | | | | | |
| retrograde | -1853 Oct 28 j 23:18 | 26° 8 11'26 | | conjunction | -1847 Dec 20 j 17:36 | 14° 8 43'50 | -0°17'13 |
| opposition | -1853 Dec 27 j 16:20 | 21° 8 13'05 | 0°37'28 | minimum elong | -1847 Dec 20 j 17:35 | 14° 8 43'49 | 0°17'16 |
| min. Earth dist. | -1853 Dec 27 j 13:20 | 21° 8 14'05 | 4.33946 AU | max. Earth dist. | -1847 Dec 20 j 07:26 | 14° 8 37'49 | 6.07409 AU |
| direct | -1852 Feb 26 j 19:33 | 16° 8 09'50 | | morning rise | -1846 Jan 02 j 15:01 | 17° 8 47'02 | |
| | -1852 Jun 13 j 18:39 | 0° 8 | | | -1846 Feb 28 j 03:50 | 0° 8 | |
| evening set | -1852 Jul 03 j 07:35 | 4° 8 09'46 | | retrograde | -1846 May 12 j 21:22 | 7° 8 35'40 | |
| | | | | opposition | -1846 Jul 12 j 11:59 | 2° 8 36'50 | -0°58'33 |
| conjunction | -1852 Jul 16 j 16:02 | 7° 8 04'31 | 0°44'30 | min. Earth dist. | -1846 Jul 12 j 08:23 | 2° 8 38'01 | 4.02776 AU |
| minimum elong | -1852 Jul 16 j 16:00 | 7° 8 04'29 | 0°44'32 | | -1846 Aug 02 j 12:23 | 30° 8 | |
| max. Earth dist. | -1852 Jul 16 j 06:39 | 6° 8 59'22 | 6.38033 AU | direct | -1846 Sep 09 j 12:04 | 27° 8 43'38 | |
| morning rise | -1852 Jul 29 j 21:40 | 9° 8 57'44 | | | -1846 Oct 16 j 23:05 | 0° 8 | |
| retrograde | -1852 Nov 27 j 14:34 | 27° 8 01'32 | | evening set | -1845 Jan 12 j 02:11 | 17° 8 01'14 | |
| opposition | -1851 Jan 26 j 16:31 | 22° 8 06'48 | 1°26'12 | | | | |
| min. Earth dist. | -1851 Jan 27 j 06:02 | 22° 8 02'24 | 4.40781 AU | conjunction | -1845 Jan 25 j 04:07 | 20° 8 09'25 | -0°56'55 |
| direct | -1851 Mar 29 j 21:11 | 17° 8 03'34 | | minimum elong | -1845 Jan 25 j 04:04 | 20° 8 09'23 | 0°56'57 |
| | -1851 Jul 12 j 09:12 | 0° 8 | | max. Earth dist. | -1845 Jan 25 j 22:19 | 20° 8 20'21 | 5.99681 AU |
| evening set | -1851 Aug 04 j 05:19 | 4° 8 49'33 | | morning rise | -1845 Feb 07 j 09:15 | 23° 8 19'20 | |
| max. Earth dist. | -1851 Aug 15 j 23:26 | 7° 8 22'56 | 6.41899 AU | | -1845 Mar 08 j 06:04 | 0° 8 | |
| | | | | retrograde | -1845 Jun 19 j 15:10 | 13° 8 45'39 | |
| conjunction | -1851 Aug 17 j 05:05 | 7° 8 39'06 | 1°10'20 | opposition | -1845 Aug 18 j 17:36 | 8° 8 42'58 | -1°44'59 |
| minimum elong | -1851 Aug 17 j 05:03 | 7° 8 39'05 | 1°10'22 | min. Earth dist. | -1845 Aug 17 j 19:50 | 8° 8 50'17 | 3.98538 AU |
| morning rise | -1851 Aug 30 j 01:30 | 10° 8 27'06 | | direct | -1845 Oct 15 j 20:04 | 3° 8 48'57 | |
| | -1851 Sep 20 j 11:31 | 15° 8 | | | -1844 Jan 12 j 11:43 | 15° 8 | |
| retrograde | -1851 Dec 28 j 04:36 | 27° 8 20'39 | | evening set | -1844 Feb 17 j 21:12 | 23° 8 18'18 | |
| opposition | -1850 Feb 26 j 17:09 | 22° 8 28'21 | 1°50'30 | | | | |
| min. Earth dist. | -1850 Feb 27 j 19:18 | 22° 8 19'58 | 4.41572 AU | conjunction | -1844 Mar 02 j 07:01 | 26° 8 30'06 | -1°15'35 |
| direct | -1850 Apr 30 j 09:56 | 17° 8 26'23 | | minimum elong | -1844 Mar 02 j 07:01 | 26° 8 30'05 | 1°15'35 |
| | -1850 Aug 10 j 20:06 | 0° 8 | | max. Earth dist. | -1844 Mar 04 j 02:26 | 26° 8 56'01 | 5.99228 AU |
| evening set | -1850 Sep 04 j 05:12 | 5° 8 11'22 | | morning rise | -1844 Mar 15 j 19:51 | 29° 8 43'27 | |
| max. Earth dist. | -1850 Sep 15 j 02:16 | 7° 8 34'54 | 6.39417 AU | | -1844 Mar 16 j 23:49 | 0° 8 | |
| | | | | retrograde | -1844 Jul 25 j 16:12 | 20° 8 04'04 | |
| conjunction | -1850 Sep 16 j 21:57 | 7° 8 59'00 | 1°16'37 | min. Earth dist. | -1844 Sep 22 j 00:59 | 15° 8 09'33 | 4.02055 AU |
| minimum elong | -1850 Sep 16 j 21:57 | 7° 8 59'00 | 1°16'38 | opposition | -1844 Sep 23 j 07:49 | 14° 8 59'02 | -1°50'37 |
| morning rise | -1850 Sep 29 j 12:22 | 10° 8 45'32 | | direct | -1844 Nov 20 j 07:12 | 10° 8 02'26 | |
| retrograde | -1849 Jan 28 j 17:03 | 27° 8 55'29 | | evening set | -1843 Mar 26 j 05:03 | 29° 8 21'38 | |
| opposition | -1849 Mar 30 j 13:13 | 23° 8 03'55 | 1°44'40 | | -1843 Mar 28 j 23:00 | 0° 8 | |
| min. Earth dist. | -1849 Mar 31 j 22:26 | 22° 8 53'21 | 4.36004 AU | | | | |
| direct | -1849 Jun 01 j 03:10 | 18° 8 04'05 | | conjunction | -1843 Apr 08 j 21:24 | 2° 8 33'11 | -1°05'14 |
| | -1849 Sep 07 j 05:42 | 0° 8 | | minimum elong | -1843 Apr 08 j 21:27 | 2° 8 33'13 | 1°05'14 |
| evening set | -1849 Oct 05 j 02:10 | 6° 8 01'20 | | max. Earth dist. | -1843 Apr 10 j 22:56 | 3° 8 02'07 | 6.06290 AU |
| max. Earth dist. | -1849 Oct 15 j 19:47 | 8° 8 26'00 | 6.31150 AU | morning rise | -1843 Apr 22 j 15:55 | 5° 8 45'35 | |
| | | | | retrograde | -1843 Aug 29 j 19:17 | 25° 8 19'11 | |
| conjunction | -1849 Oct 17 j 16:05 | 8° 8 50'58 | 1°01'23 | min. Earth dist. | -1843 Oct 27 j 01:51 | 20° 8 24'31 | 4.11852 AU |
| minimum elong | -1849 Oct 17 j 16:07 | 8° 8 51'00 | 1°01'22 | opposition | -1843 Oct 28 j 07:09 | 20° 8 14'31 | -1°14'54 |
| morning rise | -1849 Oct 30 j 04:39 | 11° 8 40'12 | | direct | -1843 Dec 26 j 00:05 | 15° 8 14'43 | |
| retrograde | -1848 Mar 01 j 18:20 | 29° 8 30'46 | | | -1842 Apr 13 j 05:32 | 0° 8 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 6

Attention, astronomical year style is used: The year -1842 in astronomical counting style is the year 1843 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| evening set | -1842 May 01 j 18:07 | 4°♄07'10 | | evening set | -1837 Aug 19 j 13:39 | 0°♄ | |
| conjunction | -1842 May 15 j 12:55 | 7°♄14'36 | -0°31'38 | evening set | -1837 Oct 09 j 10:11 | 10°♄30'11 | |
| minimum elong | -1842 May 15 j 12:58 | 7°♄14'38 | 0°31'37 | max. Earth dist. | -1837 Oct 20 j 03:26 | 12°♄55'12 | 6.29687 AU |
| max. Earth dist. | -1842 May 17 j 03:12 | 7°♄36'20 | 6.18026 AU | conjunction | -1837 Oct 21 j 23:52 | 13°♄20'21 | 0°57'37 |
| morning rise | -1842 May 29 j 07:37 | 10°♄21'45 | | minimum elong | -1837 Oct 21 j 23:54 | 13°♄20'23 | 0°57'35 |
| | -1842 Jun 19 j 07:57 | 15°♄ | | morning rise | -1837 Nov 03 j 12:40 | 16°♄10'15 | |
| retrograde | -1842 Oct 01 j 22:27 | 28°♄51'23 | | | -1836 Jan 13 j 04:48 | 0°♄ | |
| opposition | -1842 Nov 30 j 10:01 | 23°♄49'34 | -0°15'33 | retrograde | -1836 Mar 06 j 13:53 | 4°♄07'59 | |
| min. Earth dist. | -1842 Nov 29 j 16:57 | 23°♄55'19 | 4.24262 AU | | -1836 Apr 30 j 16:54 | 30°♄ | |
| direct | -1841 Jan 29 j 09:57 | 18°♄47'19 | | opposition | -1836 May 06 j 14:17 | 29°♄15'07 | 1°00'53 |
| asc. node | -1841 Mar 07 j 15:42 | 20°♄54'24 | | min. Earth dist. | -1836 May 07 j 19:01 | 29°♄05'57 | 4.23761 AU |
| | -1841 May 02 j 23:47 | 0°♄ | | direct | -1836 Jul 07 j 04:07 | 24°♄18'21 | |
| evening set | -1841 Jun 05 j 16:51 | 7°♄08'48 | | | -1836 Sep 08 j 10:26 | 0°♄ | |
| conjunction | -1841 Jun 19 j 08:03 | 10°♄09'34 | 0°11'11 | evening set | -1836 Nov 09 j 05:29 | 12°♄43'11 | |
| minimum elong | -1841 Jun 19 j 08:02 | 10°♄09'33 | 0°11'13 | | -1836 Nov 19 j 01:43 | 15°♄ | |
| behind sun begin | -1841 Jun 19 j 02:01 | 10°♄06'14 | | conjunction | -1836 Nov 21 j 21:01 | 15°♄39'07 | 0°21'22 |
| behind sun end | -1841 Jun 19 j 14:03 | 10°♄12'52 | | minimum elong | -1836 Nov 21 j 21:03 | 15°♄39'08 | 0°21'21 |
| max. Earth dist. | -1841 Jun 19 j 22:32 | 10°♄17'34 | 6.30180 AU | max. Earth dist. | -1836 Nov 20 j 14:31 | 15°♄21'24 | 6.17472 AU |
| morning rise | -1841 Jul 02 j 21:18 | 13°♄09'10 | | morning rise | -1836 Dec 04 j 13:02 | 18°♄35'35 | |
| | -1841 Oct 12 j 04:50 | 0°♄ | | | -1835 Jan 27 j 03:00 | 0°♄ | |
| retrograde | -1841 Nov 02 j 06:56 | 0°♄42'58 | | retrograde | -1835 Apr 10 j 23:49 | 7°♄33'15 | |
| | -1841 Nov 23 j 07:12 | 30°♄ | | desc. node | -1835 Jun 01 j 12:40 | 3°♄49'37 | |
| opposition | -1840 Jan 01 j 01:41 | 25°♄45'02 | 0°45'27 | opposition | -1835 Jun 10 j 21:56 | 2°♄37'38 | -0°01'35 |
| min. Earth dist. | -1840 Jan 01 j 00:15 | 25°♄45'30 | 4.35164 AU | min. Earth dist. | -1835 Jun 11 j 11:38 | 2°♄33'13 | 4.11261 AU |
| direct | -1840 Mar 02 j 08:29 | 20°♄41'37 | | | -1835 Jul 02 j 09:29 | 30°♄ | |
| | -1840 May 26 j 17:22 | 0°♄ | | direct | -1835 Aug 10 j 02:12 | 27°♄43'23 | |
| evening set | -1840 Jul 07 j 21:01 | 8°♄38'43 | | | -1835 Sep 17 j 05:22 | 0°♄ | |
| conjunction | -1840 Jul 21 j 04:18 | 11°♄32'33 | 0°49'08 | evening set | -1835 Dec 12 j 17:05 | 16°♄38'47 | |
| minimum elong | -1840 Jul 21 j 04:15 | 11°♄32'32 | 0°49'10 | conjunction | -1835 Dec 25 j 13:17 | 19°♄41'45 | -0°23'26 |
| max. Earth dist. | -1840 Jul 20 j 16:55 | 11°♄26'21 | 6.38996 AU | minimum elong | -1835 Dec 25 j 13:15 | 19°♄41'44 | 0°23'28 |
| morning rise | -1840 Aug 03 j 08:28 | 14°♄24'49 | | max. Earth dist. | -1835 Dec 25 j 06:19 | 19°♄37'37 | 6.05839 AU |
| | -1840 Nov 01 j 16:45 | 0°♄ | | morning rise | -1834 Jan 07 j 11:45 | 22°♄46'04 | |
| retrograde | -1840 Dec 01 j 21:08 | 1°♄25'06 | | | -1834 Feb 08 j 04:02 | 0°♄ | |
| | -1839 Jan 01 j 00:44 | 30°♄ | | retrograde | -1834 May 18 j 03:58 | 12°♄42'35 | |
| opposition | -1839 Jan 31 j 00:29 | 26°♄30'46 | 1°31'14 | opposition | -1834 Jul 17 j 16:38 | 7°♄43'11 | -1°06'53 |
| min. Earth dist. | -1839 Jan 31 j 15:54 | 26°♄25'45 | 4.41401 AU | min. Earth dist. | -1834 Jul 17 j 10:23 | 7°♄45'15 | 4.01576 AU |
| direct | -1839 Apr 03 j 07:54 | 21°♄27'37 | | direct | -1834 Sep 14 j 13:18 | 2°♄49'59 | |
| | -1839 Jun 24 j 05:42 | 0°♄ | | evening set | -1833 Jan 17 j 04:07 | 22°♄11'09 | |
| evening set | -1839 Aug 08 j 14:12 | 9°♄12'00 | | conjunction | -1833 Jan 30 j 07:16 | 25°♄20'09 | -1°01'07 |
| max. Earth dist. | -1839 Aug 20 j 03:23 | 11°♄42'48 | 6.42079 AU | minimum elong | -1833 Jan 30 j 07:13 | 25°♄20'07 | 1°01'09 |
| conjunction | -1839 Aug 21 j 12:40 | 12°♄00'58 | 1°12'28 | max. Earth dist. | -1833 Jan 31 j 06:46 | 25°♄34'16 | 5.98981 AU |
| minimum elong | -1839 Aug 21 j 12:39 | 12°♄00'57 | 1°12'29 | morning rise | -1833 Feb 12 j 13:27 | 28°♄30'52 | |
| morning rise | -1839 Sep 03 j 08:10 | 14°♄48'28 | | | -1833 Feb 18 j 19:38 | 0°♄ | |
| | -1839 Sep 04 j 05:27 | 15°♄ | | | -1833 May 04 j 09:20 | 15°♄ | |
| retrograde | -1839 Nov 29 j 03:55 | 0°♄ | | retrograde | -1833 Jun 24 j 23:02 | 18°♄59'49 | |
| | -1838 Jan 01 j 12:58 | 1°♄42'12 | | | -1833 Aug 16 j 01:18 | 15°♄ | |
| | -1838 Feb 04 j 01:31 | 30°♄ | | opposition | -1833 Aug 23 j 22:43 | 13°♄56'44 | -1°48'29 |
| opposition | -1838 Mar 03 j 02:15 | 26°♄50'02 | 1°51'32 | min. Earth dist. | -1833 Aug 22 j 23:04 | 14°♄04'42 | 3.98468 AU |
| min. Earth dist. | -1838 Mar 04 j 06:13 | 26°♄41'04 | 4.41298 AU | direct | -1833 Oct 20 j 22:52 | 9°♄02'32 | |
| direct | -1838 May 04 j 20:00 | 21°♄48'13 | | | -1833 Dec 21 j 22:33 | 15°♄ | |
| | -1838 Jul 23 j 16:16 | 0°♄ | | evening set | -1832 Feb 23 j 03:18 | 28°♄32'04 | |
| evening set | -1838 Sep 08 j 11:59 | 9°♄33'38 | | | -1832 Feb 29 j 07:20 | 0°♄ | |
| max. Earth dist. | -1838 Sep 19 j 08:38 | 11°♄57'10 | 6.38695 AU | conjunction | -1832 Mar 07 j 14:00 | 1°♄44'03 | -1°15'53 |
| conjunction | -1838 Sep 21 j 04:14 | 12°♄21'16 | 1°15'45 | minimum elong | -1832 Mar 07 j 14:00 | 1°♄44'03 | 1°15'53 |
| minimum elong | -1838 Sep 21 j 04:15 | 12°♄21'16 | 1°15'46 | max. Earth dist. | -1832 Mar 09 j 10:52 | 2°♄10'46 | 5.99784 AU |
| morning rise | -1838 Oct 03 j 17:56 | 15°♄07'51 | | morning rise | -1832 Mar 21 j 04:00 | 4°♄57'36 | |
| | -1838 Dec 24 j 11:41 | 0°♄ | | retrograde | -1832 Jul 30 j 16:42 | 25°♄13'36 | |
| retrograde | -1837 Feb 02 j 03:37 | 2°♄21'37 | | min. Earth dist. | -1832 Sep 27 j 00:12 | 20°♄19'30 | 4.03206 AU |
| | -1837 Mar 14 j 08:41 | 30°♄ | | opposition | -1832 Sep 28 j 08:37 | 20°♄08'26 | -1°47'48 |
| opposition | -1837 Apr 04 j 01:40 | 27°♄30'00 | 1°41'19 | direct | -1832 Nov 25 j 09:01 | 15°♄11'24 | |
| min. Earth dist. | -1837 Apr 05 j 10:30 | 27°♄19'33 | 4.34868 AU | | -1831 Mar 11 j 21:07 | 0°♄ | |
| direct | -1837 Jun 05 j 12:47 | 22°♄30'30 | | evening set | -1831 Mar 31 j 09:53 | 4°♄27'01 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 7

Attention, astronomical year style is used: The year -1831 in astronomical counting style is the year 1832 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|------------------------------|------------|------------------|----------------------|------------------------------|------------|
| conjunction | -1831 Apr 14 j 02:56 | 7° Υ 38'06 | -1°01'39 | max. Earth dist. | -1826 Sep 23 j 10:16 | 16° \mathbb{N} 13'52 | 6.37441 AU |
| minimum elong | -1831 Apr 14 j 02:59 | 7° Υ 38'08 | 1°01'37 | | | | |
| max. Earth dist. | -1831 Apr 16 j 04:54 | 8° Υ 07'10 | 6.07947 AU | conjunction | -1826 Sep 25 j 08:38 | 16° \mathbb{N} 39'35 | 1°14'30 |
| morning rise | -1831 Apr 27 j 21:39 | 10° Υ 49'50 | | minimum elong | -1826 Sep 25 j 08:39 | 16° \mathbb{N} 39'36 | 1°14'31 |
| | -1831 Aug 22 j 18:15 | 0° \mathcal{B} | | morning rise | -1826 Oct 07 j 22:11 | 19° \mathbb{N} 26'35 | |
| retrograde | -1831 Sep 03 j 14:13 | 0° \mathcal{B} 13'54 | | | -1826 Nov 28 j 20:55 | 0° \mathcal{A} | |
| | -1831 Sep 15 j 07:15 | 30° $\mathcal{R}\Upsilon$ | | retrograde | -1825 Feb 06 j 16:42 | 6° \mathcal{A} 46'21 | |
| min. Earth dist. | -1831 Oct 31 j 21:26 | 25° Υ 18'54 | 4.13816 AU | opposition | -1825 Apr 08 j 13:56 | 1° \mathcal{A} 54'40 | 1°37'29 |
| opposition | -1831 Nov 02 j 01:00 | 25° Υ 09'30 | -1°07'29 | min. Earth dist. | -1825 Apr 09 j 23:24 | 1° \mathcal{A} 44'01 | 4.33149 AU |
| direct | -1831 Dec 30 j 23:05 | 20° Υ 09'17 | | | -1825 Apr 23 j 23:58 | 30° $\mathcal{R}\mathbb{N}$ | |
| | -1830 Mar 25 j 22:46 | 0° \mathcal{B} | | direct | -1825 Jun 09 j 22:31 | 26° \mathbb{N} 55'30 | |
| evening set | -1830 May 06 j 17:25 | 8° \mathcal{B} 56'06 | | | -1825 Jul 26 j 04:34 | 0° \mathcal{A} | |
| | | | | evening set | -1825 Oct 13 j 17:57 | 14° \mathcal{A} 59'42 | |
| conjunction | -1830 May 20 j 11:59 | 12° \mathcal{B} 02'32 | -0°25'54 | max. Earth dist. | -1825 Oct 24 j 13:25 | 17° \mathcal{A} 26'37 | 6.27651 AU |
| minimum elong | -1830 May 20 j 12:02 | 12° \mathcal{B} 02'33 | 0°25'52 | | | | |
| max. Earth dist. | -1830 May 22 j 00:04 | 12° \mathcal{B} 22'54 | 6.20132 AU | conjunction | -1825 Oct 26 j 07:55 | 17° \mathcal{A} 50'47 | 0°53'31 |
| | -1830 Jun 02 j 14:59 | 15° \mathcal{B} | | minimum elong | -1825 Oct 26 j 07:57 | 17° \mathcal{A} 50'48 | 0°53'30 |
| morning rise | -1830 Jun 03 j 06:12 | 15° \mathcal{B} 08'32 | | morning rise | -1825 Nov 07 j 20:53 | 20° \mathcal{A} 41'37 | |
| | -1830 Aug 19 j 15:02 | 0° \mathbb{I} | | | -1825 Dec 21 j 14:18 | 0° \mathbb{M} | |
| retrograde | -1830 Oct 06 j 07:04 | 3° \mathbb{I} 28'07 | | retrograde | -1824 Mar 11 j 09:21 | 8° \mathbb{M} 48'41 | |
| | -1830 Nov 23 j 03:18 | 30° $\mathcal{R}\mathcal{B}$ | | opposition | -1824 May 11 j 09:46 | 3° \mathbb{M} 55'35 | 0°53'12 |
| opposition | -1830 Dec 04 j 20:46 | 28° \mathcal{B} 26'47 | -0°06'46 | min. Earth dist. | -1824 May 12 j 12:45 | 3° \mathbb{M} 46'58 | 4.21551 AU |
| min. Earth dist. | -1830 Dec 04 j 04:56 | 28° \mathcal{B} 32'07 | 4.26315 AU | | -1824 Jun 16 j 01:53 | 30° $\mathcal{R}\mathcal{A}$ | |
| asc. node | -1829 Jan 16 j 06:53 | 23° \mathcal{B} 54'52 | | direct | -1824 Jul 11 j 18:10 | 28° \mathcal{A} 59'16 | |
| direct | -1829 Feb 03 j 00:39 | 23° \mathcal{B} 24'16 | | | -1824 Aug 06 j 08:45 | 0° \mathbb{M} | |
| | -1829 Apr 13 j 03:03 | 0° \mathbb{I} | | | -1824 Nov 02 j 22:11 | 15° \mathbb{M} | |
| evening set | -1829 Jun 10 j 08:48 | 11° \mathbb{I} 40'32 | | evening set | -1824 Nov 13 j 19:40 | 17° \mathbb{M} 30'00 | |
| | | | | max. Earth dist. | -1824 Nov 25 j 07:24 | 20° \mathbb{M} 10'35 | 6.15283 AU |
| conjunction | -1829 Jun 23 j 22:59 | 14° \mathbb{I} 40'07 | 0°16'56 | | | | |
| minimum elong | -1829 Jun 23 j 22:58 | 14° \mathbb{I} 40'06 | 0°16'58 | conjunction | -1824 Nov 26 j 11:39 | 20° \mathbb{M} 27'05 | 0°15'19 |
| max. Earth dist. | -1829 Jun 24 j 09:12 | 14° \mathbb{I} 45'45 | 6.32016 AU | minimum elong | -1824 Nov 26 j 11:40 | 20° \mathbb{M} 27'06 | 0°15'17 |
| morning rise | -1829 Jul 07 j 11:04 | 17° \mathbb{I} 38'27 | | behind sun begin | -1824 Nov 26 j 08:48 | 20° \mathbb{M} 25'26 | |
| | -1829 Sep 08 j 12:08 | 0° \mathcal{B} | | behind sun end | -1824 Nov 26 j 14:31 | 20° \mathbb{M} 28'45 | |
| retrograde | -1829 Nov 06 j 12:58 | 5° \mathcal{B} 05'07 | | morning rise | -1824 Dec 09 j 04:37 | 23° \mathbb{M} 24'53 | |
| opposition | -1828 Jan 05 j 08:02 | 0° \mathcal{B} 07'46 | 0°52'52 | | -1823 Jan 07 j 11:03 | 0° \mathcal{A} | |
| min. Earth dist. | -1828 Jan 05 j 09:56 | 0° \mathcal{B} 07'08 | 4.36638 AU | desc. node | -1823 Apr 11 j 06:10 | 12° \mathcal{A} 30'38 | |
| | -1828 Jan 06 j 07:32 | 30° $\mathcal{R}\mathbb{I}$ | | retrograde | -1823 Apr 16 j 04:10 | 12° \mathcal{A} 32'56 | |
| direct | -1828 Mar 06 j 19:43 | 25° \mathbb{I} 04'18 | | opposition | -1823 Jun 16 j 00:46 | 7° \mathcal{A} 36'50 | -0°11'12 |
| | -1828 May 05 j 14:42 | 0° \mathcal{B} | | min. Earth dist. | -1823 Jun 16 j 11:34 | 7° \mathcal{A} 33'20 | 4.09274 AU |
| evening set | -1828 Jul 12 j 06:28 | 12° \mathcal{B} 58'01 | | direct | -1823 Aug 15 j 00:34 | 2° \mathcal{A} 42'49 | |
| | | | | evening set | -1823 Dec 17 j 14:53 | 21° \mathcal{A} 43'41 | |
| conjunction | -1828 Jul 25 j 12:31 | 15° \mathcal{B} 50'57 | 0°53'19 | | | | |
| minimum elong | -1828 Jul 25 j 12:28 | 15° \mathcal{B} 50'56 | 0°53'21 | conjunction | -1823 Dec 30 j 12:10 | 24° \mathcal{A} 47'47 | -0°29'36 |
| max. Earth dist. | -1828 Jul 24 j 20:54 | 15° \mathcal{B} 42'27 | 6.39968 AU | minimum elong | -1823 Dec 30 j 12:08 | 24° \mathcal{A} 47'46 | 0°29'37 |
| morning rise | -1828 Aug 07 j 15:25 | 18° \mathcal{B} 42'18 | | max. Earth dist. | -1823 Dec 30 j 11:08 | 24° \mathcal{A} 47'10 | 6.04251 AU |
| | -1828 Oct 04 j 02:12 | 0° \mathcal{A} | | morning rise | -1822 Jan 12 j 11:38 | 27° \mathcal{A} 53'16 | |
| retrograde | -1828 Dec 06 j 00:21 | 5° \mathcal{A} 39'45 | | | -1822 Jan 21 j 10:58 | 0° \mathcal{B} | |
| opposition | -1827 Feb 04 j 05:17 | 0° \mathcal{A} 45'47 | 1°35'37 | retrograde | -1822 May 23 j 13:53 | 17° \mathcal{B} 57'14 | |
| min. Earth dist. | -1827 Feb 04 j 22:47 | 0° \mathcal{A} 40'06 | 4.41839 AU | opposition | -1822 Jul 22 j 23:51 | 12° \mathcal{B} 57'17 | -1°14'49 |
| | -1827 Feb 10 j 02:56 | 30° $\mathcal{R}\mathcal{B}$ | | min. Earth dist. | -1822 Jul 22 j 14:36 | 13° \mathcal{B} 00'20 | 4.00580 AU |
| direct | -1827 Apr 07 j 14:22 | 25° \mathcal{B} 42'42 | | direct | -1822 Sep 19 j 16:22 | 8° \mathcal{B} 04'06 | |
| | -1827 Jun 02 j 13:14 | 0° \mathcal{A} | | evening set | -1821 Jan 22 j 08:41 | 27° \mathcal{B} 27'47 | |
| evening set | -1827 Aug 12 j 19:52 | 13° \mathcal{A} 26'30 | | | -1821 Feb 01 j 22:33 | 0° \mathcal{A} | |
| | -1827 Aug 19 j 23:53 | 15° \mathcal{A} | | | | | |
| max. Earth dist. | -1827 Aug 24 j 06:10 | 15° \mathcal{A} 55'52 | 6.41932 AU | conjunction | -1821 Feb 04 j 12:44 | 0° \mathcal{A} 37'22 | -1°04'53 |
| | | | | minimum elong | -1821 Feb 04 j 12:41 | 0° \mathcal{A} 37'20 | 1°04'54 |
| conjunction | -1827 Aug 25 j 17:22 | 16° \mathcal{A} 15'06 | 1°14'09 | max. Earth dist. | -1821 Feb 05 j 15:28 | 0° \mathcal{A} 53'26 | 5.98631 AU |
| minimum elong | -1827 Aug 25 j 17:21 | 16° \mathcal{A} 15'05 | 1°14'10 | morning rise | -1821 Feb 17 j 20:12 | 3° \mathcal{A} 48'44 | |
| morning rise | -1827 Sep 07 j 11:46 | 19° \mathcal{A} 02'15 | | | -1821 Apr 09 j 02:44 | 15° \mathcal{A} | |
| | -1827 Nov 01 j 19:37 | 0° \mathbb{N} | | retrograde | -1821 Jun 30 j 04:38 | 24° \mathcal{A} 18'18 | |
| retrograde | -1826 Jan 05 j 18:51 | 5° \mathbb{N} 57'37 | | min. Earth dist. | -1821 Aug 28 j 01:57 | 19° \mathcal{A} 23'42 | 3.98817 AU |
| opposition | -1826 Mar 07 j 09:05 | 1° \mathbb{N} 05'41 | 1°51'59 | opposition | -1821 Aug 29 j 04:40 | 19° \mathcal{A} 14'41 | -1°51'07 |
| min. Earth dist. | -1826 Mar 08 j 14:47 | 0° \mathbb{N} 56'11 | 4.40583 AU | | -1821 Oct 06 j 11:54 | 15° $\mathcal{R}\mathcal{A}$ | |
| | -1826 Mar 16 j 00:08 | 30° $\mathcal{R}\mathcal{A}$ | | direct | -1821 Oct 26 j 03:15 | 14° \mathcal{A} 20'07 | |
| direct | -1826 May 09 j 02:28 | 26° \mathcal{A} 04'10 | | | -1821 Nov 14 j 20:39 | 15° \mathcal{A} | |
| | -1826 Jul 01 j 09:21 | 0° \mathbb{N} | | | -1820 Feb 12 j 03:15 | 0° \mathcal{A} | |
| evening set | -1826 Sep 12 j 17:02 | 13° \mathbb{N} 51'41 | | evening set | -1820 Feb 28 j 10:17 | 3° \mathcal{A} 48'09 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 8

Attention, astronomical year style is used: The year -1820 in astronomical counting style is the year 1821 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---------------------------|------------|------------------|----------------------|----------------------|------------|
| conjunction | -1820 Mar 12 j 22:06 | 7° X 00'08 | -1°15'33 | conjunction | -1815 Aug 29 j 23:53 | 20° Ω 34'34 | 1°15'28 |
| minimum elong | -1820 Mar 12 j 22:06 | 7° X 00'08 | 1°15'35 | minimum elong | -1815 Aug 29 j 23:52 | 20° Ω 34'33 | 1°15'29 |
| max. Earth dist. | -1820 Mar 14 j 21:51 | 7° X 28'29 | 6.00768 AU | morning rise | -1815 Sep 11 j 17:27 | 23° Ω 21'31 | |
| morning rise | -1820 Mar 26 j 12:47 | 10° X 13'31 | | | -1815 Oct 13 j 09:26 | 0° M | |
| | -1820 Jul 20 j 12:28 | 0° Y | | retrograde | -1814 Jan 10 j 03:30 | 10° M 19'14 | |
| retrograde | -1820 Aug 04 j 18:31 | 0° Y 22'58 | | opposition | -1814 Mar 11 j 18:56 | 5° M 27'25 | 1°51'50 |
| | -1820 Aug 19 j 20:55 | 30° R X | | min. Earth dist. | -1814 Mar 13 j 01:22 | 5° M 17'41 | 4.39730 AU |
| min. Earth dist. | -1820 Oct 02 j 01:09 | 25° X 28'30 | 4.04685 AU | direct | -1814 May 13 j 11:16 | 0° M 26'09 | |
| opposition | -1820 Oct 03 j 08:50 | 25° X 17'41 | -1°44'08 | evening set | -1814 Sep 17 j 00:25 | 18° M 15'54 | |
| direct | -1820 Nov 30 j 12:41 | 20° X 20'09 | | max. Earth dist. | -1814 Sep 27 j 18:13 | 20° M 38'49 | 6.36183 AU |
| | -1819 Feb 21 j 01:51 | 0° Y | | | | | |
| evening set | -1819 Apr 05 j 14:15 | 9° Y 31'11 | | conjunction | -1814 Sep 29 j 15:40 | 21° M 04'07 | 1°12'48 |
| | | | | minimum elong | -1814 Sep 29 j 15:41 | 21° M 04'08 | 1°12'47 |
| conjunction | -1819 Apr 19 j 07:49 | 12° Y 41'40 | -0°57'36 | morning rise | -1814 Oct 12 j 04:46 | 23° M 51'28 | |
| minimum elong | -1819 Apr 19 j 07:52 | 12° Y 41'42 | 0°57'35 | | -1814 Nov 09 j 20:01 | 0° Ω | |
| max. Earth dist. | -1819 Apr 21 j 09:20 | 13° Y 10'19 | 6.09774 AU | retrograde | -1813 Feb 11 j 07:12 | 11° Ω 17'08 | |
| morning rise | -1819 May 03 j 02:49 | 15° Y 52'40 | | opposition | -1813 Apr 13 j 05:00 | 6° Ω 25'25 | 1°32'56 |
| | -1819 Jul 11 j 14:28 | 0° Z | | min. Earth dist. | -1813 Apr 14 j 14:23 | 6° Ω 14'48 | 4.31564 AU |
| retrograde | -1819 Sep 08 j 05:57 | 5° Z 06'44 | | direct | -1813 Jun 14 j 11:07 | 1° Ω 26'43 | |
| opposition | -1819 Nov 06 j 17:46 | 0° Z 02'39 | -0°59'39 | evening set | -1813 Oct 18 j 04:18 | 19° Ω 34'44 | |
| min. Earth dist. | -1819 Nov 05 j 14:43 | 0° Z 11'52 | 4.15798 AU | max. Earth dist. | -1813 Oct 29 j 00:01 | 22° Ω 02'27 | 6.25884 AU |
| | -1819 Nov 07 j 01:33 | 30° R Y | | | | | |
| direct | -1818 Jan 04 j 18:50 | 25° Y 02'03 | | conjunction | -1813 Oct 30 j 18:13 | 22° Ω 26'33 | 0°49'00 |
| | -1818 Mar 03 j 16:47 | 0° Z | | minimum elong | -1813 Oct 30 j 18:16 | 22° Ω 26'34 | 0°49'00 |
| evening set | -1818 May 11 j 15:53 | 13° Z 43'29 | | morning rise | -1813 Nov 12 j 07:42 | 25° Ω 18'19 | |
| | -1818 May 17 j 08:26 | 15° Z | | | -1813 Dec 03 j 10:07 | 0° M | |
| conjunction | -1818 May 25 j 10:03 | 16° Z 48'54 | -0°20'00 | retrograde | -1812 Mar 16 j 07:13 | 13° M 33'46 | |
| minimum elong | -1818 May 25 j 10:05 | 16° Z 48'55 | 0°19'58 | opposition | -1812 May 16 j 07:29 | 8° M 40'20 | 0°44'59 |
| max. Earth dist. | -1818 May 26 j 17:47 | 17° Z 06'45 | 6.22114 AU | min. Earth dist. | -1812 May 17 j 08:12 | 8° M 32'26 | 4.19728 AU |
| morning rise | -1818 Jun 08 j 03:44 | 19° Z 53'48 | | direct | -1812 Jul 16 j 11:37 | 3° M 44'26 | |
| | -1818 Jul 26 j 15:11 | 0° Π | | | -1812 Oct 16 j 15:33 | 15° M | |
| retrograde | -1818 Oct 10 j 17:48 | 8° Π 04'20 | | evening set | -1812 Nov 18 j 11:02 | 22° M 19'31 | |
| asc. node | -1818 Nov 26 j 10:03 | 4° Π 45'18 | | max. Earth dist. | -1812 Nov 30 j 04:25 | 25° M 03'55 | 6.13602 AU |
| opposition | -1818 Dec 09 j 07:36 | 3° Π 03'31 | 0°02'03 | conjunction | -1812 Dec 01 j 03:45 | 25° M 17'36 | 0°09'06 |
| min. Earth dist. | -1818 Dec 08 j 19:04 | 3° Π 07'44 | 4.28120 AU | minimum elong | -1812 Dec 01 j 03:45 | 25° M 17'36 | 0°09'03 |
| | -1817 Jan 02 j 21:57 | 30° R Z | | behind sun begin | -1812 Nov 30 j 20:54 | 25° M 13'36 | |
| direct | -1817 Feb 07 j 17:04 | 28° Z 00'47 | | behind sun end | -1812 Dec 01 j 10:37 | 25° M 21'36 | |
| | -1817 Mar 15 j 22:54 | 0° Π | | morning rise | -1812 Dec 13 j 21:20 | 28° M 16'26 | |
| evening set | -1817 Jun 15 j 00:42 | 16° Π 12'44 | | | -1812 Dec 21 j 08:08 | 0° Z | |
| | | | | desc. node | -1811 Feb 19 j 01:07 | 12° Z 08'51 | |
| conjunction | -1817 Jun 28 j 14:01 | 19° Π 11'18 | 0°22'38 | retrograde | -1811 Apr 21 j 09:03 | 17° Z 32'52 | |
| minimum elong | -1817 Jun 28 j 13:59 | 19° Π 11'17 | 0°22'40 | opposition | -1811 Jun 21 j 04:02 | 12° Z 36'19 | -0°20'46 |
| max. Earth dist. | -1817 Jun 28 j 21:09 | 19° Π 15'13 | 6.33513 AU | min. Earth dist. | -1811 Jun 21 j 12:12 | 12° Z 33'40 | 4.07894 AU |
| morning rise | -1817 Jul 12 j 00:50 | 22° Π 08'31 | | direct | -1811 Aug 19 j 23:26 | 7° Z 42'37 | |
| | -1817 Aug 18 j 17:52 | 0° Z | | evening set | -1811 Dec 22 j 12:41 | 26° Z 46'42 | |
| retrograde | -1817 Nov 10 j 17:48 | 9° Z 29'21 | | | | | |
| opposition | -1816 Jan 09 j 15:10 | 4° Z 32'30 | 1°00'05 | conjunction | -1810 Jan 04 j 10:36 | 29° Z 51'32 | -0°35'30 |
| min. Earth dist. | -1816 Jan 09 j 18:44 | 4° Z 31'19 | 4.37750 AU | minimum elong | -1810 Jan 04 j 10:33 | 29° Z 51'31 | 0°35'32 |
| | -1816 Feb 21 j 23:38 | 30° R Π | | max. Earth dist. | -1810 Jan 04 j 12:42 | 29° Z 52'47 | 6.03290 AU |
| direct | -1816 Mar 11 j 05:34 | 29° Π 29'01 | | | -1810 Jan 05 j 00:46 | 0° Z | |
| | -1816 Mar 29 j 17:39 | 0° Z | | morning rise | -1810 Jan 17 j 11:13 | 2° Z 57'54 | |
| evening set | -1816 Jul 16 j 17:12 | 17° Z 20'31 | | retrograde | -1810 May 28 j 18:51 | 23° Z 06'42 | |
| | | | | opposition | -1810 Jul 28 j 04:42 | 18° Z 06'10 | -1°22'00 |
| conjunction | -1816 Jul 29 j 21:56 | 20° Z 12'40 | 0°57'17 | min. Earth dist. | -1810 Jul 27 j 15:41 | 18° Z 10'29 | 4.00161 AU |
| minimum elong | -1816 Jul 29 j 21:53 | 20° Z 12'39 | 0°57'18 | direct | -1810 Sep 24 j 17:16 | 13° Z 12'55 | |
| max. Earth dist. | -1816 Jul 29 j 02:26 | 20° Z 02'03 | 6.40609 AU | | -1809 Jan 16 j 09:10 | 0° \approx | |
| morning rise | -1816 Aug 11 j 23:37 | 23° Z 03'16 | | evening set | -1809 Jan 27 j 11:05 | 2° \approx 37'20 | |
| | -1816 Sep 14 j 08:43 | 0° Ω | | | | | |
| retrograde | -1816 Dec 10 j 06:57 | 9° Ω 58'55 | | conjunction | -1809 Feb 09 j 16:14 | 5° \approx 47'18 | -1°08'02 |
| opposition | -1815 Feb 08 j 12:21 | 5° Ω 05'21 | 1°39'37 | minimum elong | -1809 Feb 09 j 16:11 | 5° \approx 47'16 | 1°08'03 |
| min. Earth dist. | -1815 Feb 09 j 08:47 | 4° Ω 58'45 | 4.41988 AU | max. Earth dist. | -1809 Feb 10 j 23:45 | 6° \approx 06'13 | 5.98778 AU |
| direct | -1815 Apr 12 j 00:13 | 0° Ω 02'26 | | morning rise | -1809 Feb 23 j 00:31 | 8° \approx 58'58 | |
| | -1815 Aug 04 j 05:24 | 15° Ω | | | -1809 Mar 20 j 22:54 | 15° \approx | |
| evening set | -1815 Aug 17 j 03:20 | 17° Ω 46'13 | | retrograde | -1809 Jul 05 j 08:42 | 29° \approx 27'08 | |
| max. Earth dist. | -1815 Aug 28 j 09:40 | 20° Ω 13'39 | 6.41557 AU | min. Earth dist. | -1809 Sep 02 j 03:31 | 24° \approx 32'22 | 3.99521 AU |
| | | | | opposition | -1809 Sep 03 j 06:44 | 24° \approx 23'10 | -1°52'43 |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 9

Attention, astronomical year style is used: The year -1809 in astronomical counting style is the year 1810 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-------------------------------|------------|------------------|----------------------|--------------------------------|------------|
| direct | -1809 Oct 31 j 06:05 | 19° \approx 28'16 | | max. Earth dist. | -1803 Sep 01 j 15:24 | 24° Ω 34'31 | 6.40993 AU |
| | -1808 Jan 25 j 01:05 | 0° \mathbb{H} | | | | | |
| evening set | -1808 Mar 04 j 13:33 | 8° \mathbb{H} 53'52 | | conjunction | -1803 Sep 03 j 06:52 | 24° Ω 56'09 | 1°16'20 |
| | | | | minimum elong | -1803 Sep 03 j 06:51 | 24° Ω 56'09 | 1°16'22 |
| conjunction | -1808 Mar 18 j 02:14 | 12° \mathbb{H} 05'43 | -1°14'40 | morning rise | -1803 Sep 15 j 23:36 | 27° Ω 43'00 | |
| minimum elong | -1808 Mar 18 j 02:15 | 12° \mathbb{H} 05'44 | 1°14'40 | | -1803 Sep 26 j 13:00 | 0° \mathbb{H} | |
| max. Earth dist. | -1808 Mar 20 j 03:15 | 12° \mathbb{H} 34'43 | 6.01934 AU | retrograde | -1802 Jan 14 j 13:56 | 14° \mathbb{H} 43'32 | |
| morning rise | -1808 Mar 31 j 17:46 | 15° \mathbb{H} 18'55 | | opposition | -1802 Mar 16 j 05:45 | 9° \mathbb{H} 51'51 | 1°51'01 |
| | -1808 Jun 10 j 11:31 | 0° \mathbb{Y} | | min. Earth dist. | -1802 Mar 17 j 13:38 | 9° \mathbb{H} 41'41 | 4.38814 AU |
| retrograde | -1808 Aug 09 j 14:32 | 5° \mathbb{Y} 21'18 | | direct | -1802 May 17 j 22:47 | 4° \mathbb{H} 50'55 | |
| min. Earth dist. | -1808 Oct 06 j 20:24 | 0° \mathbb{Y} 27'03 | 4.06191 AU | evening set | -1802 Sep 21 j 08:21 | 22° \mathbb{H} 42'42 | |
| opposition | -1808 Oct 08 j 04:34 | 0° \mathbb{Y} 16'05 | -1°39'48 | max. Earth dist. | -1802 Oct 02 j 01:01 | 25° \mathbb{H} 05'28 | 6.34977 AU |
| | -1808 Oct 10 j 03:43 | 30° \mathbb{R} \mathbb{H} | | | | | |
| direct | -1808 Dec 05 j 09:40 | 25° \mathbb{H} 18'08 | | conjunction | -1802 Oct 03 j 23:11 | 25° \mathbb{H} 31'13 | 1°10'38 |
| | -1807 Jan 29 j 14:09 | 0° \mathbb{Y} | | minimum elong | -1802 Oct 03 j 23:12 | 25° \mathbb{H} 31'14 | 1°10'38 |
| evening set | -1807 Apr 10 j 14:32 | 14° \mathbb{Y} 24'57 | | morning rise | -1802 Oct 16 j 12:09 | 28° \mathbb{H} 19'00 | |
| | | | | | -1802 Oct 24 j 03:05 | 0° $\underline{\Omega}$ | |
| conjunction | -1807 Apr 24 j 08:23 | 17° \mathbb{Y} 34'50 | -0°53'17 | retrograde | -1801 Feb 15 j 21:31 | 15° $\underline{\Omega}$ 50'17 | |
| minimum elong | -1807 Apr 24 j 08:26 | 17° \mathbb{Y} 34'52 | 0°53'16 | opposition | -1801 Apr 17 j 20:53 | 10° $\underline{\Omega}$ 58'20 | 1°27'46 |
| max. Earth dist. | -1807 Apr 26 j 06:38 | 18° \mathbb{Y} 01'30 | 6.11480 AU | min. Earth dist. | -1801 Apr 19 j 04:49 | 10° $\underline{\Omega}$ 48'10 | 4.30140 AU |
| morning rise | -1807 May 08 j 03:35 | 20° \mathbb{Y} 45'07 | | direct | -1801 Jun 18 j 23:52 | 5° $\underline{\Omega}$ 59'58 | |
| | -1807 Jun 19 j 20:45 | 0° \mathbb{B} | | evening set | -1801 Oct 22 j 14:29 | 24° $\underline{\Omega}$ 10'53 | |
| retrograde | -1807 Sep 12 j 19:08 | 9° \mathbb{B} 50'18 | | max. Earth dist. | -1801 Nov 02 j 13:49 | 26° $\underline{\Omega}$ 41'08 | 6.24362 AU |
| min. Earth dist. | -1807 Nov 10 j 06:23 | 4° \mathbb{B} 54'54 | 4.17515 AU | | | | |
| opposition | -1807 Nov 11 j 06:52 | 4° \mathbb{B} 46'35 | -0°51'43 | conjunction | -1801 Nov 04 j 04:40 | 27° $\underline{\Omega}$ 03'23 | 0°44'10 |
| | -1807 Dec 28 j 13:04 | 30° \mathbb{R} \mathbb{Y} | | minimum elong | -1801 Nov 04 j 04:42 | 27° $\underline{\Omega}$ 03'24 | 0°44'09 |
| direct | -1806 Jan 09 j 12:43 | 29° \mathbb{Y} 45'37 | | morning rise | -1801 Nov 16 j 18:20 | 29° $\underline{\Omega}$ 55'55 | |
| | -1806 Jan 21 j 13:54 | 0° \mathbb{B} | | | -1801 Nov 17 j 01:31 | 0° \mathbb{M} | |
| | -1806 May 01 j 02:16 | 15° \mathbb{B} | | | -1800 Feb 02 j 19:43 | 15° \mathbb{M} | |
| evening set | -1806 May 16 j 10:58 | 18° \mathbb{B} 22'59 | | retrograde | -1800 Mar 21 j 04:58 | 18° \mathbb{M} 18'43 | |
| | | | | | -1800 May 08 j 13:58 | 15° \mathbb{R} \mathbb{M} | |
| conjunction | -1806 May 30 j 04:57 | 21° \mathbb{B} 27'36 | -0°14'09 | opposition | -1800 May 21 j 04:52 | 13° \mathbb{M} 24'55 | 0°36'27 |
| minimum elong | -1806 May 30 j 04:58 | 21° \mathbb{B} 27'37 | 0°14'07 | min. Earth dist. | -1800 May 22 j 04:18 | 13° \mathbb{M} 17'25 | 4.18190 AU |
| behind sun begin | -1806 May 30 j 01:10 | 21° \mathbb{B} 25'29 | | direct | -1800 Jul 21 j 05:51 | 8° \mathbb{M} 29'21 | |
| behind sun end | -1806 May 30 j 08:46 | 21° \mathbb{B} 29'44 | | | -1800 Sep 26 j 16:21 | 15° \mathbb{M} | |
| max. Earth dist. | -1806 May 31 j 10:19 | 21° \mathbb{B} 44'04 | 6.23728 AU | evening set | -1800 Nov 23 j 01:57 | 27° \mathbb{M} 07'41 | |
| morning rise | -1806 Jun 12 j 21:50 | 24° \mathbb{B} 31'31 | | | | | |
| | -1806 Jul 08 j 03:59 | 0° \mathbb{I} | | conjunction | -1800 Dec 05 j 19:03 | 0° \mathbb{J} 06'35 | 0°02'50 |
| asc. node | -1806 Oct 07 j 14:54 | 12° \mathbb{I} 29'11 | | minimum elong | -1800 Dec 05 j 19:04 | 0° \mathbb{J} 06'36 | 0°02'49 |
| retrograde | -1806 Oct 15 j 00:50 | 12° \mathbb{I} 34'37 | | behind sun begin | -1800 Dec 05 j 11:04 | 0° \mathbb{J} 01'55 | |
| opposition | -1806 Dec 13 j 15:46 | 7° \mathbb{I} 34'24 | 0°10'36 | behind sun end | -1800 Dec 06 j 03:05 | 0° \mathbb{J} 11'17 | |
| min. Earth dist. | -1806 Dec 13 j 04:52 | 7° \mathbb{I} 38'03 | 4.29505 AU | max. Earth dist. | -1800 Dec 04 j 21:33 | 29° \mathbb{M} 53'57 | 6.12167 AU |
| direct | -1805 Feb 12 j 04:14 | 2° \mathbb{I} 31'33 | | | -1800 Dec 05 j 07:49 | 0° \mathbb{J} | |
| evening set | -1805 Jun 19 j 14:40 | 20° \mathbb{I} 40'50 | | morning rise | -1800 Dec 18 j 13:37 | 3° \mathbb{J} 06'25 | |
| | | | | desc. node | -1800 Dec 30 j 05:42 | 5° \mathbb{J} 48'33 | |
| conjunction | -1805 Jul 03 j 02:51 | 23° \mathbb{I} 38'32 | 0°28'04 | retrograde | -1799 Apr 26 j 10:28 | 22° \mathbb{J} 30'11 | |
| minimum elong | -1805 Jul 03 j 02:48 | 23° \mathbb{I} 38'31 | 0°28'07 | opposition | -1799 Jun 26 j 05:31 | 17° \mathbb{J} 33'02 | -0°30'08 |
| max. Earth dist. | -1805 Jul 03 j 04:34 | 23° \mathbb{I} 39'29 | 6.34566 AU | min. Earth dist. | -1799 Jun 26 j 10:10 | 17° \mathbb{J} 31'32 | 4.06684 AU |
| morning rise | -1805 Jul 16 j 12:40 | 26° \mathbb{I} 34'53 | | direct | -1799 Aug 24 j 19:54 | 12° \mathbb{J} 39'27 | |
| | -1805 Aug 01 j 10:02 | 0° \mathbb{E} | | | -1799 Dec 19 j 21:01 | 0° \mathbb{Z} | |
| retrograde | -1805 Nov 15 j 00:20 | 13° \mathbb{E} 51'40 | | evening set | -1799 Dec 27 j 09:10 | 1° \mathbb{Z} 46'26 | |
| opposition | -1804 Jan 13 j 21:43 | 8° \mathbb{E} 55'21 | 1°06'51 | | | | |
| min. Earth dist. | -1804 Jan 14 j 04:38 | 8° \mathbb{E} 53'04 | 4.38424 AU | conjunction | -1798 Jan 09 j 08:04 | 4° \mathbb{Z} 52'03 | -0°41'05 |
| direct | -1804 Mar 15 j 16:24 | 3° \mathbb{E} 51'52 | | minimum elong | -1798 Jan 09 j 08:01 | 4° \mathbb{Z} 52'01 | 0°41'08 |
| evening set | -1804 Jul 21 j 03:00 | 21° \mathbb{E} 42'29 | | max. Earth dist. | -1798 Jan 09 j 15:10 | 4° \mathbb{Z} 56'18 | 6.02410 AU |
| max. Earth dist. | -1804 Aug 02 j 08:59 | 24° \mathbb{E} 22'15 | 6.40847 AU | morning rise | -1798 Jan 22 j 09:32 | 7° \mathbb{Z} 59'12 | |
| | | | | retrograde | -1798 Jun 03 j 00:17 | 28° \mathbb{Z} 12'30 | |
| conjunction | -1804 Aug 03 j 06:43 | 24° \mathbb{E} 34'06 | 1°00'52 | opposition | -1798 Aug 02 j 07:52 | 23° \mathbb{Z} 11'24 | -1°28'32 |
| minimum elong | -1804 Aug 03 j 06:40 | 24° \mathbb{E} 34'04 | 1°00'54 | min. Earth dist. | -1798 Aug 01 j 17:33 | 23° \mathbb{Z} 16'10 | 3.99713 AU |
| morning rise | -1804 Aug 16 j 07:05 | 27° \mathbb{E} 24'06 | | direct | -1798 Sep 29 j 18:38 | 18° \mathbb{Z} 18'01 | |
| | -1804 Aug 28 j 09:51 | 0° Ω | | | -1798 Dec 29 j 21:48 | 0° \approx | |
| retrograde | -1804 Dec 14 j 12:02 | 14° Ω 19'20 | | evening set | -1797 Feb 01 j 12:21 | 7° \approx 43'30 | |
| opposition | -1803 Feb 12 j 19:42 | 9° Ω 26'05 | 1°43'01 | | | | |
| min. Earth dist. | -1803 Feb 13 j 16:55 | 9° Ω 19'14 | 4.41820 AU | conjunction | -1797 Feb 14 j 18:28 | 10° \approx 53'54 | -1°10'40 |
| direct | -1803 Apr 16 j 07:52 | 4° Ω 23'22 | | minimum elong | -1797 Feb 14 j 18:26 | 10° \approx 53'52 | 1°10'41 |
| | -1803 Jul 18 j 05:20 | 15° Ω | | max. Earth dist. | -1797 Feb 16 j 04:40 | 11° \approx 14'23 | 5.98779 AU |
| evening set | -1803 Aug 21 j 11:19 | 22° Ω 07'59 | | morning rise | -1797 Feb 28 j 03:55 | 14° \approx 06'01 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 10

Attention, astronomical year style is used: The year -1797 in astronomical counting style is the year 1798 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| | -1797 Mar 03 j 22:56 | 15°♊ | | min. Earth dist. | -1791 Feb 18 j 04:23 | 13°♌42'20 | 4.41960 AU |
| | -1797 May 16 j 06:20 | 0°♋ | | direct | -1791 Apr 20 j 20:10 | 8°♌47'23 | |
| retrograde | -1797 Jul 10 j 10:24 | 4°♋33'12 | | | -1791 Jun 28 j 07:12 | 15°♌ | |
| | -1797 Sep 04 j 11:24 | 30°♋ | | evening set | -1791 Aug 25 j 19:36 | 26°♌31'25 | |
| min. Earth dist. | -1797 Sep 07 j 02:20 | 29°♋38'44 | 4.00000 AU | max. Earth dist. | -1791 Sep 05 j 22:36 | 28°♌57'29 | 6.40826 AU |
| opposition | -1797 Sep 08 j 07:21 | 29°♋28'54 | -1°53'32 | | | | |
| direct | -1797 Nov 05 j 05:25 | 24°♋33'37 | | conjunction | -1791 Sep 07 j 14:21 | 29°♌19'18 | 1°16'50 |
| | -1796 Jan 03 j 08:25 | 0°♋ | | minimum elong | -1791 Sep 07 j 14:20 | 29°♌19'18 | 1°16'50 |
| evening set | -1796 Mar 09 j 16:39 | 13°♋57'56 | | | -1791 Sep 10 j 16:27 | 0°♎ | |
| | | | | morning rise | -1791 Sep 20 j 06:10 | 2°♎05'53 | |
| conjunction | -1796 Mar 23 j 06:12 | 17°♋09'47 | -1°13'13 | retrograde | -1790 Jan 18 j 22:16 | 19°♎08'05 | |
| minimum elong | -1796 Mar 23 j 06:13 | 17°♋09'48 | 1°13'13 | opposition | -1790 Mar 20 j 17:08 | 14°♎16'27 | 1°49'34 |
| max. Earth dist. | -1796 Mar 25 j 06:44 | 17°♋38'25 | 6.02827 AU | min. Earth dist. | -1790 Mar 22 j 00:13 | 14°♎06'33 | 4.38363 AU |
| morning rise | -1796 Apr 05 j 22:32 | 20°♋22'52 | | direct | -1790 May 22 j 08:46 | 9°♎15'54 | |
| | -1796 May 19 j 08:42 | 0°♏ | | evening set | -1790 Sep 25 j 15:34 | 27°♎08'00 | |
| retrograde | -1796 Aug 14 j 10:39 | 10°♏19'17 | | max. Earth dist. | -1790 Oct 06 j 08:49 | 29°♎31'23 | 6.34281 AU |
| min. Earth dist. | -1796 Oct 11 j 17:03 | 5°♏24'41 | 4.07378 AU | | | | |
| opposition | -1796 Oct 13 j 00:06 | 5°♏14'04 | -1°34'49 | conjunction | -1790 Oct 08 j 05:54 | 29°♎56'37 | 1°08'07 |
| direct | -1796 Dec 10 j 08:13 | 0°♏15'38 | | minimum elong | -1790 Oct 08 j 05:56 | 29°♎56'38 | 1°08'06 |
| evening set | -1795 Apr 15 j 15:30 | 19°♏19'29 | | | -1790 Oct 08 j 11:58 | 0°♐ | |
| | | | | morning rise | -1790 Oct 20 j 18:35 | 2°♐44'34 | |
| conjunction | -1795 Apr 29 j 09:56 | 22°♏28'58 | -0°48'34 | retrograde | -1789 Feb 20 j 11:47 | 20°♐19'57 | |
| minimum elong | -1795 Apr 29 j 09:59 | 22°♏29'00 | 0°48'33 | opposition | -1789 Apr 22 j 11:40 | 15°♐27'54 | 1°22'07 |
| max. Earth dist. | -1795 May 01 j 07:45 | 22°♏55'17 | 6.12879 AU | min. Earth dist. | -1789 Apr 23 j 19:46 | 15°♐17'42 | 4.29212 AU |
| morning rise | -1795 May 13 j 05:06 | 25°♏38'39 | | direct | -1789 Jun 23 j 13:43 | 10°♐29'56 | |
| | -1795 Jun 01 j 16:23 | 0°♑ | | evening set | -1789 Oct 26 j 22:49 | 28°♐42'10 | |
| retrograde | -1795 Sep 17 j 09:38 | 14°♑35'52 | | | -1789 Nov 01 j 15:07 | 0°♑ | |
| opposition | -1795 Nov 15 j 21:04 | 9°♑32'35 | -0°43'22 | max. Earth dist. | -1789 Nov 06 j 22:42 | 1°♑13'10 | 6.23284 AU |
| min. Earth dist. | -1795 Nov 14 j 21:53 | 9°♑40'27 | 4.18971 AU | | | | |
| direct | -1794 Jan 14 j 05:50 | 4°♑31'20 | | conjunction | -1789 Nov 08 j 13:04 | 1°♑35'10 | 0°39'11 |
| | -1794 Apr 13 j 07:14 | 15°♑ | | minimum elong | -1789 Nov 08 j 13:06 | 1°♑35'12 | 0°39'09 |
| evening set | -1794 May 21 j 07:39 | 23°♑05'25 | | morning rise | -1789 Nov 21 j 03:11 | 4°♑28'20 | |
| | | | | | -1788 Jan 09 j 18:26 | 15°♑ | |
| conjunction | -1794 Jun 04 j 01:02 | 26°♑09'15 | -0°08'08 | retrograde | -1788 Mar 25 j 22:28 | 22°♑57'13 | |
| minimum elong | -1794 Jun 04 j 01:02 | 26°♑09'15 | 0°08'06 | opposition | -1788 May 25 j 23:26 | 18°♑03'02 | 0°27'54 |
| behind sun begin | -1794 Jun 03 j 17:40 | 26°♑05'09 | | min. Earth dist. | -1788 May 26 j 20:10 | 17°♑56'23 | 4.17020 AU |
| behind sun end | -1794 Jun 04 j 08:24 | 26°♑13'21 | | | -1788 Jun 20 j 16:03 | 15°♑ | |
| max. Earth dist. | -1794 Jun 05 j 01:38 | 26°♑23'00 | 6.25127 AU | direct | -1788 Jul 25 j 19:39 | 13°♑07'46 | |
| morning rise | -1794 Jun 17 j 17:26 | 29°♑12'18 | | | -1788 Aug 29 j 14:18 | 15°♑ | |
| | -1794 Jun 21 j 07:41 | 0°♒ | | desc. node | -1788 Nov 11 j 02:16 | 28°♑00'53 | |
| asc. node | -1794 Aug 17 j 12:59 | 11°♒23'46 | | | -1788 Nov 19 j 18:57 | 0°♓ | |
| retrograde | -1794 Oct 19 j 10:47 | 17°♒08'47 | | evening set | -1788 Nov 27 j 13:45 | 1°♓48'28 | |
| opposition | -1794 Dec 18 j 02:12 | 12°♒09'07 | 0°19'15 | | | | |
| min. Earth dist. | -1794 Dec 17 j 17:59 | 12°♒11'52 | 4.30740 AU | conjunction | -1788 Dec 10 j 07:31 | 4°♓48'07 | -0°03'23 |
| direct | -1793 Feb 16 j 19:32 | 7°♒06'06 | | minimum elong | -1788 Dec 10 j 07:31 | 4°♓48'06 | 0°03'25 |
| evening set | -1793 Jun 24 j 06:23 | 25°♒13'00 | | behind sun begin | -1788 Dec 09 j 23:32 | 4°♓43'26 | |
| | | | | behind sun end | -1788 Dec 10 j 15:29 | 4°♓52'47 | |
| conjunction | -1793 Jul 07 j 17:40 | 28°♒09'54 | 0°33'28 | max. Earth dist. | -1788 Dec 09 j 13:39 | 4°♓37'36 | 6.11017 AU |
| minimum elong | -1793 Jul 07 j 17:38 | 28°♒09'53 | 0°33'31 | morning rise | -1788 Dec 23 j 02:41 | 7°♓48'45 | |
| max. Earth dist. | -1793 Jul 07 j 17:38 | 28°♒09'53 | 6.35569 AU | retrograde | -1787 May 01 j 10:40 | 27°♓19'11 | |
| | -1793 Jul 16 j 02:27 | 0°♔ | | opposition | -1787 Jul 01 j 03:37 | 22°♓21'34 | -0°39'00 |
| morning rise | -1793 Jul 21 j 02:06 | 1°♔05'19 | | min. Earth dist. | -1787 Jul 01 j 07:11 | 22°♓20'24 | 4.05639 AU |
| retrograde | -1793 Nov 19 j 07:03 | 18°♔18'07 | | direct | -1787 Aug 29 j 14:42 | 17°♓28'07 | |
| opposition | -1792 Jan 18 j 06:18 | 13°♔22'22 | 1°13'24 | | -1787 Dec 03 j 08:50 | 0°♕ | |
| min. Earth dist. | -1792 Jan 18 j 14:20 | 13°♔19'44 | 4.39165 AU | evening set | -1786 Jan 01 j 02:26 | 6°♕37'50 | |
| direct | -1792 Mar 20 j 03:18 | 8°♔19'02 | | | | | |
| evening set | -1792 Jul 25 j 14:38 | 26°♔08'18 | | conjunction | -1786 Jan 14 j 02:08 | 9°♕44'11 | -0°46'13 |
| | | | | minimum elong | -1786 Jan 14 j 02:06 | 9°♕44'09 | 0°46'15 |
| conjunction | -1792 Aug 07 j 16:57 | 28°♔59'12 | 1°04'13 | max. Earth dist. | -1786 Jan 14 j 11:25 | 9°♕49'44 | 6.01560 AU |
| minimum elong | -1792 Aug 07 j 16:55 | 28°♔59'11 | 1°04'15 | morning rise | -1786 Jan 27 j 04:43 | 12°♕52'10 | |
| max. Earth dist. | -1792 Aug 06 j 15:53 | 28°♔45'32 | 6.41284 AU | | -1786 Apr 23 j 08:09 | 0°♖ | |
| | -1792 Aug 12 j 08:28 | 0°♗ | | retrograde | -1786 Jun 08 j 00:22 | 3°♖09'56 | |
| morning rise | -1792 Aug 20 j 16:15 | 1°♗48'34 | | | -1786 Jul 24 j 00:02 | 30°♗ | |
| | -1792 Oct 29 j 17:44 | 15°♗ | | opposition | -1786 Aug 07 j 06:56 | 28°♗08'26 | -1°34'13 |
| retrograde | -1792 Dec 18 j 20:51 | 18°♗42'44 | | min. Earth dist. | -1786 Aug 06 j 14:08 | 28°♗14'02 | 3.99181 AU |
| | -1791 Feb 08 j 00:51 | 15°♗ | | direct | -1786 Oct 04 j 13:59 | 23°♗14'55 | |
| opposition | -1791 Feb 17 j 05:03 | 13°♗49'51 | 1°45'56 | | -1786 Dec 10 j 02:29 | 0°♘ | |

Attention, astronomical year style is used: The year -1785 in astronomical counting style is the year 1786 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|------------------------|------------|------------------|----------------------|------------------------|------------|
| evening set | -1785 Feb 06 j 10:53 | 12° \approx 42'23 | | conjunction | -1780 Aug 12 j 01:43 | 3° Ω 21'25 | 1°07'10 |
| | -1785 Feb 16 j 01:06 | 15° \approx | | minimum elong | -1780 Aug 12 j 01:40 | 3° Ω 21'24 | 1°07'13 |
| | | | | morning rise | -1780 Aug 24 j 23:37 | 6° Ω 10'04 | |
| conjunction | -1785 Feb 19 j 18:02 | 15° \approx 53'19 | -1°12'42 | | -1780 Oct 07 j 07:06 | 15° Ω | |
| minimum elong | -1785 Feb 19 j 18:01 | 15° \approx 53'18 | 1°12'43 | retrograde | -1780 Dec 23 j 02:11 | 23° Ω 03'13 | |
| max. Earth dist. | -1785 Feb 21 j 05:46 | 16° \approx 14'43 | 5.98602 AU | opposition | -1779 Feb 21 j 13:09 | 18° Ω 10'32 | 1°48'15 |
| morning rise | -1785 Mar 05 j 04:33 | 19° \approx 05'59 | | min. Earth dist. | -1779 Feb 22 j 13:14 | 18° Ω 02'48 | 4.41982 AU |
| | -1785 Apr 23 j 03:53 | 0° H | | | -1779 Mar 20 j 08:38 | 15° $\text{R}\Omega$ | |
| retrograde | -1785 Jul 15 j 09:55 | 9° H 33'06 | | direct | -1779 Apr 25 j 04:56 | 13° Ω 08'15 | |
| min. Earth dist. | -1785 Sep 11 j 23:40 | 4° H 38'29 | 4.00205 AU | | -1779 May 31 j 05:43 | 15° Ω | |
| opposition | -1785 Sep 13 j 04:55 | 4° H 28'32 | -1°53'30 | | -1779 Aug 26 j 02:59 | 0° H | |
| | -1785 Oct 24 j 23:07 | 30° $\text{R}\approx$ | | evening set | -1779 Aug 30 j 02:48 | 0° H 52'03 | |
| direct | -1785 Nov 10 j 03:20 | 29° \approx 32'51 | | max. Earth dist. | -1779 Sep 10 j 02:21 | 3° H 16'30 | 6.40404 AU |
| | -1785 Nov 26 j 07:57 | 0° H | | | | | |
| evening set | -1784 Mar 14 j 17:35 | 18° H 57'14 | | conjunction | -1779 Sep 11 j 20:31 | 3° H 39'41 | 1°16'54 |
| | | | | minimum elong | -1779 Sep 11 j 20:31 | 3° H 39'41 | 1°16'54 |
| conjunction | -1784 Mar 28 j 08:16 | 22° H 09'18 | -1°11'16 | morning rise | -1779 Sep 24 j 11:44 | 6° H 26'09 | |
| minimum elong | -1784 Mar 28 j 08:19 | 22° H 09'19 | 1°11'17 | retrograde | -1778 Jan 23 j 09:08 | 23° H 30'57 | |
| max. Earth dist. | -1784 Mar 30 j 10:42 | 22° H 38'59 | 6.03414 AU | opposition | -1778 Mar 25 j 04:06 | 18° H 39'20 | 1°47'34 |
| morning rise | -1784 Apr 11 j 01:18 | 25° H 22'27 | | min. Earth dist. | -1778 Mar 26 j 12:52 | 18° H 28'54 | 4.37505 AU |
| | -1784 May 01 j 05:47 | 0° Y | | direct | -1778 May 26 j 20:02 | 13° H 39'02 | |
| retrograde | -1784 Aug 19 j 06:15 | 15° Y 14'02 | | | -1778 Sep 22 j 22:32 | 0° Ω | |
| min. Earth dist. | -1784 Oct 16 j 11:25 | 10° Y 19'25 | 4.08284 AU | evening set | -1778 Sep 29 j 22:29 | 1° Ω 32'52 | |
| opposition | -1784 Oct 17 j 18:03 | 10° Y 08'58 | -1°29'16 | max. Earth dist. | -1778 Oct 10 j 15:33 | 3° Ω 56'34 | 6.33044 AU |
| direct | -1784 Dec 15 j 03:38 | 5° Y 10'09 | | | | | |
| evening set | -1783 Apr 20 j 15:32 | 24° Y 12'04 | | conjunction | -1778 Oct 12 j 12:40 | 4° Ω 21'52 | 1°05'12 |
| | | | | minimum elong | -1778 Oct 12 j 12:43 | 4° Ω 21'54 | 1°05'12 |
| conjunction | -1783 May 04 j 10:07 | 27° Y 21'10 | -0°43'34 | morning rise | -1778 Oct 25 j 01:15 | 7° Ω 10'19 | |
| minimum elong | -1783 May 04 j 10:10 | 27° Y 21'12 | 0°43'32 | retrograde | -1777 Feb 25 j 02:08 | 24° Ω 51'47 | |
| max. Earth dist. | -1783 May 06 j 05:05 | 27° Y 45'46 | 6.14031 AU | opposition | -1777 Apr 27 j 03:30 | 19° Ω 59'30 | 1°15'59 |
| | -1783 May 16 j 00:04 | 0° B | | min. Earth dist. | -1777 Apr 28 j 09:58 | 19° Ω 49'48 | 4.27665 AU |
| morning rise | -1783 May 18 j 05:32 | 0° B 30'24 | | direct | -1777 Jun 28 j 01:01 | 15° Ω 01'53 | |
| | -1783 Jul 30 j 06:37 | 15° B | | | -1777 Oct 16 j 18:02 | 0° M | |
| retrograde | -1783 Sep 21 j 22:32 | 19° B 20'32 | | evening set | -1777 Oct 31 j 08:53 | 3° M 17'39 | |
| | -1783 Nov 15 j 05:08 | 15° RB | | max. Earth dist. | -1777 Nov 11 j 11:21 | 5° M 50'42 | 6.21560 AU |
| opposition | -1783 Nov 20 j 10:30 | 14° B 17'35 | -0°34'49 | | | | |
| min. Earth dist. | -1783 Nov 19 j 12:35 | 14° B 25'01 | 4.20253 AU | conjunction | -1777 Nov 12 j 23:24 | 6° M 11'29 | 0°33'51 |
| direct | -1782 Jan 18 j 23:31 | 9° B 15'58 | | minimum elong | -1777 Nov 12 j 23:26 | 6° M 11'30 | 0°33'50 |
| | -1782 Mar 23 j 04:51 | 15° B | | morning rise | -1777 Nov 25 j 14:00 | 9° M 05'35 | |
| evening set | -1782 May 26 j 03:42 | 27° B 47'11 | | | -1777 Dec 22 j 01:55 | 15° M | |
| | -1782 Jun 05 j 02:35 | 0° II | | retrograde | -1776 Mar 30 j 22:29 | 27° M 43'03 | |
| | | | | opposition | -1776 May 30 j 21:26 | 22° M 48'28 | 0°18'54 |
| conjunction | -1782 Jun 08 j 20:40 | 0° II 50'14 | -0°02'05 | min. Earth dist. | -1776 May 31 j 17:15 | 22° M 42'06 | 4.15221 AU |
| minimum elong | -1782 Jun 08 j 20:41 | 0° II 50'15 | 0°02'03 | direct | -1776 Jul 30 j 14:00 | 17° M 53'30 | |
| behind sun begin | -1782 Jun 08 j 12:22 | 0° II 45'38 | | desc. node | -1776 Sep 21 j 07:03 | 22° M 03'49 | |
| behind sun end | -1782 Jun 09 j 05:01 | 0° II 54'52 | | | -1776 Nov 02 j 22:20 | 0° J | |
| max. Earth dist. | -1782 Jun 09 j 19:42 | 1° II 03'05 | 6.26464 AU | evening set | -1776 Dec 02 j 05:50 | 6° J 38'51 | |
| morning rise | -1782 Jun 22 j 12:07 | 3° II 52'21 | | max. Earth dist. | -1776 Dec 14 j 09:07 | 9° J 30'33 | 6.09312 AU |
| asc. node | -1782 Jun 27 j 12:24 | 4° II 58'37 | | | | | |
| retrograde | -1782 Oct 23 j 20:13 | 21° II 42'10 | | conjunction | -1776 Dec 15 j 00:19 | 9° J 39'32 | -0°09'40 |
| opposition | -1782 Dec 22 j 11:58 | 16° II 43'00 | 0°27'43 | minimum elong | -1776 Dec 15 j 00:19 | 9° J 39'31 | 0°09'42 |
| min. Earth dist. | -1782 Dec 22 j 05:28 | 16° II 45'10 | 4.32008 AU | behind sun begin | -1776 Dec 14 j 17:39 | 9° J 35'36 | |
| direct | -1781 Feb 21 j 09:28 | 11° II 39'50 | | behind sun end | -1776 Dec 15 j 06:58 | 9° J 43'26 | |
| evening set | -1781 Jun 28 j 21:14 | 29° II 43'47 | | morning rise | -1776 Dec 27 j 20:30 | 12° J 41'20 | |
| | -1781 Jun 30 j 03:03 | 0° E | | | -1775 Mar 28 j 08:57 | 0° Z | |
| | | | | retrograde | -1775 May 06 j 14:04 | 2° Z 20'16 | |
| conjunction | -1781 Jul 12 j 07:15 | 2° E 39'44 | 0°38'39 | | -1775 Jun 15 j 00:52 | 30° RJ | |
| minimum elong | -1781 Jul 12 j 07:12 | 2° E 39'43 | 0°38'40 | opposition | -1775 Jul 06 j 06:25 | 27° J 22'10 | -0°48'01 |
| max. Earth dist. | -1781 Jul 12 j 03:01 | 2° E 37'25 | 6.36642 AU | min. Earth dist. | -1775 Jul 06 j 06:29 | 27° J 22'09 | 4.04207 AU |
| morning rise | -1781 Jul 25 j 14:35 | 5° E 34'12 | | direct | -1775 Sep 03 j 11:45 | 22° J 28'52 | |
| retrograde | -1781 Nov 23 j 13:54 | 22° E 42'42 | | | -1775 Nov 13 j 18:32 | 0° Z | |
| opposition | -1780 Jan 22 j 14:17 | 17° E 47'17 | 1°19'28 | evening set | -1774 Jan 06 j 01:45 | 11° Z 42'49 | |
| min. Earth dist. | -1780 Jan 23 j 00:43 | 17° E 43'52 | 4.39965 AU | | | | |
| direct | -1780 Mar 24 j 15:13 | 12° E 43'53 | | conjunction | -1774 Jan 19 j 02:26 | 14° Z 50'04 | -0°51'15 |
| | -1780 Jul 27 j 14:39 | 0° Ω | | minimum elong | -1774 Jan 19 j 02:23 | 14° Z 50'02 | 0°51'16 |
| evening set | -1780 Jul 30 j 00:27 | 0° Ω 31'11 | | max. Earth dist. | -1774 Jan 19 j 15:31 | 14° Z 57'55 | 6.00527 AU |
| max. Earth dist. | -1780 Aug 10 j 23:40 | 3° Ω 07'14 | 6.41712 AU | morning rise | -1774 Feb 01 j 06:08 | 17° Z 59'00 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 12

Attention, astronomical year style is used: The year -1774 in astronomical counting style is the year 1775 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|----------------------|--|------------------|----------------------|-----------|------------|
| | -1774 Mar 27 j 21:08 | 0°♊ | | min. Earth dist. | -1768 Jan 27 j 07:51 | 21°♊59'33 | 4.40843 AU |
| retrograde | -1774 Jun 13 j 07:28 | 8°♊21'39 | | direct | -1768 Mar 28 j 22:56 | 17°♊00'28 | |
| opposition | -1774 Aug 12 j 11:51 | 3°♊19'38 -1°39'30 | | | -1768 Jul 11 j 17:18 | 0°♊ | |
| min. Earth dist. | -1774 Aug 11 j 16:57 | 3°♊25'58 3.98681 AU | | evening set | -1768 Aug 03 j 06:41 | 4°♊45'55 | |
| | -1774 Sep 08 j 22:42 | 30°♊ | | max. Earth dist. | -1768 Aug 14 j 23:51 | 7°♊18'44 | 6.42011 AU |
| direct | -1774 Oct 09 j 17:03 | 28°♊25'58 | | | | | |
| | -1774 Nov 09 j 06:32 | 0°♊ | | conjunction | -1768 Aug 16 j 06:40 | 7°♊35'32 | 1°09'40 |
| | -1773 Jan 30 j 06:43 | 15°♊ | | minimum elong | -1768 Aug 16 j 06:38 | 7°♊35'31 | 1°09'41 |
| evening set | -1773 Feb 11 j 15:29 | 17°♊55'05 | | morning rise | -1768 Aug 29 j 03:37 | 10°♊23'39 | |
| | | | | | -1768 Sep 19 j 20:38 | 15°♊ | |
| conjunction | -1773 Feb 24 j 23:53 | 21°♊06'30 -1°14'17 | | retrograde | -1768 Dec 27 j 07:15 | 27°♊16'43 | |
| minimum elong | -1773 Feb 24 j 23:52 | 21°♊06'30 1°14'18 | | opposition | -1767 Feb 25 j 18:33 | 22°♊24'18 | 1°49'55 |
| max. Earth dist. | -1773 Feb 26 j 16:14 | 21°♊30'39 5.98699 AU | | min. Earth dist. | -1767 Feb 26 j 21:10 | 22°♊15'45 | 4.41699 AU |
| morning rise | -1773 Mar 10 j 11:24 | 24°♊19'35 | | direct | -1767 Apr 29 j 11:28 | 17°♊22'07 | |
| | -1773 Apr 03 j 22:48 | 0°♋ | | | -1767 Aug 10 j 06:06 | 0°♋ | |
| retrograde | -1773 Jul 20 j 14:14 | 14°♋44'43 | | evening set | -1767 Sep 03 j 06:48 | 5°♋06'54 | |
| min. Earth dist. | -1773 Sep 17 j 00:51 | 9°♋50'19 4.00933 AU | | max. Earth dist. | -1767 Sep 14 j 05:04 | 7°♋30'56 | 6.39544 AU |
| opposition | -1773 Sep 18 j 07:15 | 9°♋39'59 -1°52'35 | | | | | |
| direct | -1773 Nov 15 j 05:22 | 4°♋44'00 | | conjunction | -1767 Sep 16 j 00:01 | 7°♋54'37 | 1°16'33 |
| evening set | -1772 Mar 19 j 23:18 | 24°♋06'12 | | minimum elong | -1767 Sep 16 j 00:01 | 7°♋54'37 | 1°16'33 |
| | | | | morning rise | -1767 Sep 28 j 14:31 | 10°♋41'10 | |
| conjunction | -1772 Apr 02 j 14:38 | 27°♋18'01 -1°08'45 | | retrograde | -1766 Jan 27 j 17:06 | 27°♋50'23 | |
| minimum elong | -1772 Apr 02 j 14:41 | 27°♋18'02 1°08'46 | | opposition | -1766 Mar 29 j 13:29 | 22°♋58'48 | 1°45'02 |
| max. Earth dist. | -1772 Apr 04 j 16:47 | 27°♋47'26 6.04706 AU | | min. Earth dist. | -1766 Mar 30 j 22:22 | 22°♋48'20 | 4.36120 AU |
| | -1772 Apr 14 j 03:27 | 0°♌ | | direct | -1766 May 31 j 02:25 | 17°♋58'49 | |
| morning rise | -1772 Apr 16 j 08:28 | 0°♌30'52 | | | -1766 Sep 06 j 17:26 | 0°♌ | |
| retrograde | -1772 Aug 24 j 01:20 | 20°♌14'17 | | evening set | -1766 Oct 04 j 04:23 | 5°♌56'17 | |
| min. Earth dist. | -1772 Oct 21 j 07:15 | 15°♌19'50 4.10004 AU | | max. Earth dist. | -1766 Oct 14 j 20:30 | 8°♌20'07 | 6.31237 AU |
| opposition | -1772 Oct 22 j 14:00 | 15°♌09'20 -1°22'57 | | | | | |
| direct | -1772 Dec 20 j 02:45 | 10°♌10'06 | | conjunction | -1766 Oct 16 j 18:19 | 8°♌45'56 | 1°01'57 |
| evening set | -1771 Apr 25 j 16:54 | 29°♌07'02 | | minimum elong | -1766 Oct 16 j 18:21 | 8°♌45'57 | 1°01'56 |
| | -1771 Apr 29 j 14:14 | 0°♍ | | morning rise | -1766 Oct 29 j 07:06 | 11°♌35'10 | |
| | | | | retrograde | -1765 Mar 01 j 20:14 | 29°♌24'56 | |
| conjunction | -1771 May 09 j 11:42 | 2°♍15'19 -0°38'15 | | opposition | -1765 May 01 j 19:44 | 24°♌32'27 | 1°09'25 |
| minimum elong | -1771 May 09 j 11:45 | 2°♍15'20 0°38'14 | | min. Earth dist. | -1765 May 03 j 02:17 | 24°♌22'42 | 4.25533 AU |
| max. Earth dist. | -1771 May 11 j 05:41 | 2°♍39'15 6.16057 AU | | direct | -1765 Jul 02 j 14:00 | 19°♌35'09 | |
| morning rise | -1771 May 23 j 06:44 | 5°♍23'29 | | | -1765 Sep 29 j 12:53 | 0°♍ | |
| | -1771 Jul 07 j 09:37 | 15°♍ | | evening set | -1765 Nov 04 j 19:54 | 7°♍56'34 | |
| retrograde | -1771 Sep 26 j 12:06 | 24°♍03'24 | | max. Earth dist. | -1765 Nov 16 j 01:09 | 10°♍31'57 | 6.19303 AU |
| opposition | -1771 Nov 24 j 23:33 | 19°♍00'57 -0°26'09 | | | | | |
| min. Earth dist. | -1771 Nov 24 j 03:50 | 19°♍07'37 4.22359 AU | | conjunction | -1765 Nov 17 j 10:59 | 10°♍51'33 | 0°28'18 |
| | -1771 Dec 29 j 16:26 | 15°♍ | | minimum elong | -1765 Nov 17 j 11:01 | 10°♍51'34 | 0°28'17 |
| direct | -1770 Jan 23 j 18:02 | 13°♍59'04 | | morning rise | -1765 Nov 30 j 02:15 | 13°♍46'54 | |
| | -1770 Feb 18 j 01:54 | 15°♍ | | | -1765 Dec 05 j 09:40 | 15°♍ | |
| asc. node | -1770 May 08 j 06:15 | 27°♍30'49 | | | -1764 Feb 23 j 11:09 | 0°♎ | |
| | -1770 May 19 j 21:40 | 0°♎ | | retrograde | -1764 Apr 04 j 22:37 | 2°♎34'48 | |
| evening set | -1770 May 30 j 21:57 | 2°♎24'36 | | | -1764 May 16 j 22:37 | 30°♎ | |
| | | | | opposition | -1764 Jun 04 j 21:16 | 27°♎39'47 | 0°09'40 |
| conjunction | -1770 Jun 13 j 14:06 | 5°♎26'28 0°03'59 | | min. Earth dist. | -1764 Jun 05 j 13:53 | 27°♎34'26 | 4.13024 AU |
| minimum elong | -1770 Jun 13 j 14:06 | 5°♎26'28 0°04'01 | | desc. node | -1764 Aug 01 j 07:52 | 22°♎46'01 | |
| behind sun begin | -1770 Jun 13 j 05:54 | 5°♎21'57 | | direct | -1764 Aug 04 j 07:08 | 22°♎45'10 | |
| behind sun end | -1770 Jun 13 j 22:17 | 5°♎31'00 | | | -1764 Oct 14 j 06:17 | 0°♏ | |
| max. Earth dist. | -1770 Jun 14 j 09:12 | 5°♎37'04 6.28472 AU | | evening set | -1764 Dec 07 j 00:36 | 11°♏36'32 | |
| morning rise | -1770 Jun 27 j 04:39 | 8°♎27'19 | | | | | |
| retrograde | -1770 Oct 28 j 01:35 | 26°♎08'48 | | conjunction | -1764 Dec 19 j 19:51 | 14°♏38'25 | -0°15'59 |
| opposition | -1770 Dec 26 j 19:24 | 21°♎10'08 0°35'45 | | minimum elong | -1764 Dec 19 j 19:50 | 14°♏38'24 | 0°16'02 |
| min. Earth dist. | -1770 Dec 26 j 15:02 | 21°♎11'35 4.33761 AU | | behind sun begin | -1764 Dec 19 j 18:29 | 14°♏37'36 | |
| direct | -1769 Feb 25 j 21:13 | 16°♎06'49 | | behind sun end | -1764 Dec 19 j 21:12 | 14°♏39'12 | |
| | -1769 Jun 14 j 01:41 | 0°♏ | | max. Earth dist. | -1764 Dec 19 j 08:38 | 14°♏31'46 | 6.07375 AU |
| evening set | -1769 Jul 03 j 08:26 | 4°♏06'32 | | morning rise | -1763 Jan 01 j 17:06 | 17°♏41'32 | |
| | | | | | -1763 Feb 27 j 17:37 | 0°♐ | |
| conjunction | -1769 Jul 16 j 17:17 | 7°♏01'26 0°43'25 | | retrograde | -1763 May 11 j 22:01 | 7°♐29'44 | |
| minimum elong | -1769 Jul 16 j 17:14 | 7°♏01'24 0°43'26 | | opposition | -1763 Jul 11 j 12:21 | 2°♐31'00 | -0°56'50 |
| max. Earth dist. | -1769 Jul 16 j 10:03 | 6°♏57'29 6.38002 AU | | min. Earth dist. | -1763 Jul 11 j 09:22 | 2°♐31'59 | 4.02720 AU |
| morning rise | -1769 Jul 29 j 23:09 | 9°♏54'47 | | | -1763 Jul 31 j 16:10 | 30°♐ | |
| retrograde | -1769 Nov 27 j 17:10 | 26°♏58'41 | | direct | -1763 Sep 08 j 14:03 | 27°♐37'45 | |
| opposition | -1768 Jan 26 j 18:53 | 22°♏03'47 1°24'52 | | | -1763 Oct 16 j 20:21 | 0°♑ | |





































































































































Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 13

Attention, astronomical year style is used: The year -1762 in astronomical counting style is the year 1763 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| evening set | -1762 Jan 11 j 04:11 | 16°♌55'46 | | max. Earth dist. | -1757 Jul 20 j 16:50 | 11°♎19'01 | 6.38971 AU |
| | | | | morning rise | -1757 Aug 03 j 08:54 | 14°♏17'42 | |
| conjunction | -1762 Jan 24 j 06:01 | 20°♌03'53 | -0°55'58 | | -1757 Nov 03 j 00:06 | 0°♏ | |
| minimum elong | -1762 Jan 24 j 05:58 | 20°♌03'52 | 0°56'00 | retrograde | -1757 Dec 01 j 22:26 | 1°♏18'28 | |
| max. Earth dist. | -1762 Jan 25 j 01:02 | 20°♌15'18 | 5.99630 AU | | -1757 Dec 30 j 20:05 | 30°♏ | |
| morning rise | -1762 Feb 06 j 10:46 | 23°♌13'42 | | opposition | -1756 Jan 31 j 01:36 | 26°♏23'59 | 1°29'57 |
| | -1762 Mar 07 j 17:32 | 0°♍ | | min. Earth dist. | -1756 Jan 31 j 16:34 | 26°♏19'07 | 4.41343 AU |
| retrograde | -1762 Jun 18 j 16:44 | 13°♍39'45 | | direct | -1756 Apr 02 j 07:35 | 21°♏20'44 | |
| opposition | -1762 Aug 17 j 18:46 | 8°♍37'12 | -1°44'00 | | -1756 Jun 23 j 20:44 | 0°♏ | |
| min. Earth dist. | -1762 Aug 16 j 21:15 | 8°♍44'25 | 3.98505 AU | evening set | -1756 Aug 07 j 14:52 | 9°♏05'29 | |
| direct | -1762 Oct 14 j 21:20 | 3°♍43'18 | | max. Earth dist. | -1756 Aug 19 j 05:18 | 11°♏36'55 | 6.41995 AU |
| | -1761 Jan 12 j 00:03 | 15°♍ | | | | | |
| evening set | -1761 Feb 16 j 22:32 | 23°♍12'29 | | conjunction | -1756 Aug 20 j 13:48 | 11°♏54'39 | 1°11'51 |
| | | | | minimum elong | -1756 Aug 20 j 13:47 | 11°♏54'38 | 1°11'52 |
| conjunction | -1761 Mar 02 j 07:49 | 26°♍24'06 | -1°15'17 | morning rise | -1756 Sep 02 j 09:33 | 14°♏42'20 | |
| minimum elong | -1761 Mar 02 j 07:48 | 26°♍24'06 | 1°15'17 | | -1756 Sep 03 j 18:11 | 15°♏ | |
| max. Earth dist. | -1761 Mar 04 j 01:57 | 26°♍49'16 | 5.99205 AU | | -1756 Nov 29 j 05:41 | 0°♐ | |
| morning rise | -1761 Mar 15 j 20:29 | 29°♍37'22 | | retrograde | -1756 Dec 31 j 14:33 | 1°♐36'23 | |
| | -1761 Mar 17 j 10:46 | 0°♑ | | | -1755 Feb 02 j 02:22 | 30°♐ | |
| retrograde | -1761 Jul 25 j 16:02 | 19°♑58'06 | | opposition | -1755 Mar 02 j 03:01 | 26°♐44'14 | 1°51'06 |
| min. Earth dist. | -1761 Sep 22 j 01:40 | 15°♑03'58 | 4.02054 AU | min. Earth dist. | -1755 Mar 03 j 07:13 | 26°♐35'13 | 4.41186 AU |
| opposition | -1761 Sep 23 j 09:40 | 14°♑53'04 | -1°50'44 | direct | -1755 May 03 j 20:06 | 21°♐42'23 | |
| direct | -1761 Nov 20 j 08:47 | 9°♑56'34 | | | -1755 Jul 23 j 05:20 | 0°♐ | |
| evening set | -1760 Mar 25 j 05:09 | 29°♑15'06 | | evening set | -1755 Sep 07 j 14:00 | 9°♐28'40 | |
| | -1760 Mar 28 j 10:21 | 0°♒ | | max. Earth dist. | -1755 Sep 18 j 08:52 | 11°♐51'18 | 6.38557 AU |
| | | | | | | | |
| conjunction | -1760 Apr 07 j 21:20 | 2°♒26'31 | -1°05'42 | conjunction | -1755 Sep 20 j 06:25 | 12°♐16'29 | 1°15'46 |
| minimum elong | -1760 Apr 07 j 21:23 | 2°♒26'33 | 1°05'41 | minimum elong | -1755 Sep 20 j 06:25 | 12°♐16'29 | 1°15'47 |
| max. Earth dist. | -1760 Apr 10 j 00:14 | 2°♒56'16 | 6.06317 AU | morning rise | -1755 Oct 02 j 20:35 | 15°♐03'16 | |
| morning rise | -1760 Apr 21 j 15:27 | 5°♒38'46 | | | -1755 Dec 24 j 05:35 | 0°♑ | |
| retrograde | -1760 Aug 28 j 22:00 | 25°♒12'51 | | retrograde | -1754 Feb 01 j 06:31 | 2°♑17'19 | |
| min. Earth dist. | -1760 Oct 26 j 04:29 | 20°♒18'00 | 4.11895 AU | | -1754 Mar 12 j 17:44 | 30°♑ | |
| opposition | -1760 Oct 27 j 09:29 | 20°♒08'06 | -1°16'03 | opposition | -1754 Apr 03 j 02:30 | 27°♑25'45 | 1°41'50 |
| direct | -1760 Dec 25 j 03:05 | 15°♒08'25 | | min. Earth dist. | -1754 Apr 04 j 12:05 | 27°♑15'03 | 4.34725 AU |
| | -1759 Apr 12 j 18:14 | 0°♓ | | direct | -1754 Jun 04 j 13:37 | 22°♑26'07 | |
| evening set | -1759 Apr 30 j 17:39 | 3°♓59'56 | | | -1754 Aug 19 j 00:04 | 0°♑ | |
| | | | | evening set | -1754 Oct 08 j 13:13 | 10°♑27'05 | |
| conjunction | -1759 May 14 j 12:20 | 7°♓07'18 | -0°32'41 | max. Earth dist. | -1754 Oct 19 j 07:26 | 12°♑52'37 | 6.29562 AU |
| minimum elong | -1759 May 14 j 12:23 | 7°♓07'20 | 0°32'40 | | | | |
| max. Earth dist. | -1759 May 16 j 03:48 | 7°♓29'42 | 6.18064 AU | conjunction | -1754 Oct 21 j 03:16 | 13°♑17'26 | 0°58'15 |
| morning rise | -1759 May 28 j 07:04 | 10°♓14'27 | | minimum elong | -1754 Oct 21 j 03:19 | 13°♑17'27 | 0°58'14 |
| | -1759 Jun 18 j 21:08 | 15°♓ | | morning rise | -1754 Nov 02 j 16:03 | 16°♑07'24 | |
| retrograde | -1759 Sep 30 j 22:42 | 28°♓44'34 | | | -1753 Jan 12 j 15:35 | 0°♒ | |
| opposition | -1759 Nov 29 j 12:00 | 23°♓42'36 | -0°17'18 | retrograde | -1753 Mar 06 j 15:02 | 4°♒05'02 | |
| min. Earth dist. | -1759 Nov 28 j 17:35 | 23°♓48'49 | 4.24302 AU | | -1753 Apr 30 j 08:57 | 30°♒ | |
| direct | -1758 Jan 28 j 10:21 | 18°♓40'25 | | opposition | -1753 May 06 j 15:07 | 29°♒12'22 | 1°02'11 |
| asc. node | -1758 Mar 18 j 05:30 | 22°♓11'45 | | min. Earth dist. | -1753 May 07 j 19:50 | 29°♒03'12 | 4.23700 AU |
| | -1758 May 02 j 14:05 | 0°♐ | | direct | -1753 Jul 07 j 04:27 | 24°♒15'36 | |
| evening set | -1758 Jun 04 j 16:11 | 7°♐01'12 | | | -1753 Sep 08 j 18:51 | 0°♒ | |
| | | | | evening set | -1753 Nov 09 j 09:28 | 12°♒41'29 | |
| conjunction | -1758 Jun 18 j 07:29 | 10°♐01'59 | 0°09'55 | | -1753 Nov 19 j 08:33 | 15°♒ | |
| minimum elong | -1758 Jun 18 j 07:27 | 10°♐01'58 | 0°09'57 | max. Earth dist. | -1753 Nov 20 j 17:19 | 15°♒19'04 | 6.17488 AU |
| behind sun begin | -1758 Jun 18 j 00:49 | 9°♐58'19 | | | | | |
| behind sun end | -1758 Jun 18 j 14:05 | 10°♐05'38 | | conjunction | -1753 Nov 22 j 00:50 | 15°♒37'23 | 0°22'26 |
| max. Earth dist. | -1758 Jun 18 j 22:21 | 10°♐10'13 | 6.30214 AU | minimum elong | -1753 Nov 22 j 00:51 | 15°♒37'24 | 0°22'25 |
| morning rise | -1758 Jul 01 j 20:55 | 13°♐01'39 | | morning rise | -1753 Dec 04 j 16:53 | 18°♒33'51 | |
| | -1758 Oct 13 j 01:43 | 0°♑ | | | -1752 Jan 27 j 10:35 | 0°♓ | |
| retrograde | -1758 Nov 01 j 09:36 | 0°♑35'59 | | retrograde | -1752 Apr 10 j 01:28 | 7°♓30'43 | |
| | -1758 Nov 20 j 13:14 | 30°♑ | | opposition | -1752 Jun 09 j 23:00 | 2°♓35'16 | 0°00'11 |
| opposition | -1758 Dec 31 j 03:26 | 25°♑37'56 | 0°43'40 | min. Earth dist. | -1752 Jun 10 j 13:00 | 2°♓30'45 | 4.11378 AU |
| min. Earth dist. | -1758 Dec 31 j 02:22 | 25°♑38'17 | 4.35177 AU | desc. node | -1752 Jun 11 j 00:41 | 2°♓26'59 | |
| direct | -1757 Mar 02 j 10:08 | 20°♑34'33 | | | -1752 Jul 01 j 02:19 | 30°♓ | |
| | -1757 May 27 j 08:39 | 0°♒ | | direct | -1752 Aug 09 j 04:58 | 27°♓40'59 | |
| evening set | -1757 Jul 07 j 20:38 | 8°♒31'15 | | | -1752 Sep 16 j 15:55 | 0°♓ | |
| | | | | evening set | -1752 Dec 11 j 20:23 | 16°♓36'24 | |
| | | | | | | | |
| conjunction | -1757 Jul 21 j 04:17 | 11°♒25'16 | 0°48'02 | conjunction | -1752 Dec 24 j 16:32 | 19°♓39'13 | -0°22'15 |
| minimum elong | -1757 Jul 21 j 04:14 | 11°♒25'14 | 0°48'04 | | | | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 14

Attention, astronomical year style is used: The year -1752 in astronomical counting style is the year 1753 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---|------------|------------------|----------------------|---|------------|
| minimum elong | -1752 Dec 24 j 16:31 | 19°  39'12 | 0°22'16 | behind sun end | -1746 Jun 22 j 22:55 | 14°  32'37 | |
| max. Earth dist. | -1752 Dec 24 j 10:46 | 19°  35'47 | 6.06073 AU | max. Earth dist. | -1746 Jun 23 j 09:40 | 14°  38'33 | 6.31512 AU |
| morning rise | -1751 Jan 06 j 14:38 | 22°  43'18 | | morning rise | -1746 Jul 06 j 10:18 | 17°  30'46 | |
| | -1751 Feb 07 j 12:21 | 0°  | | | -1746 Sep 08 j 04:42 | 0°  | |
| retrograde | -1751 May 17 j 04:58 | 12°  37'59 | | retrograde | -1746 Nov 05 j 14:20 | 4°  59'47 | |
| opposition | -1751 Jul 16 j 17:20 | 7°  38'46 | -1°05'11 | opposition | -1745 Jan 04 j 10:01 | 0°  02'15 | 0°51'09 |
| min. Earth dist. | -1751 Jul 16 j 11:24 | 7°  40'43 | 4.01923 AU | min. Earth dist. | -1745 Jan 04 j 10:31 | 0°  02'05 | 4.36122 AU |
| direct | -1751 Sep 13 j 15:03 | 2°  45'37 | | | -1745 Jan 04 j 16:49 | 30°  R  | |
| evening set | -1750 Jan 16 j 05:42 | 22°  30'52'4 | | direct | -1745 Mar 06 j 19:05 | 24°  II58'50 | |
| | | | | | -1745 May 06 j 04:26 | 0°  | |
| conjunction | -1750 Jan 29 j 08:19 | 25°  31'40'1 | -1°00'11 | evening set | -1745 Jul 12 j 07:25 | 12°  53'57 | |
| minimum elong | -1750 Jan 29 j 08:16 | 25°  31'59 | 1°00'13 | | | | |
| max. Earth dist. | -1750 Jan 30 j 06:12 | 25°  32'7'09 | 5.99381 AU | conjunction | -1745 Jul 25 j 13:50 | 15°  54'7'15 | 0°52'18 |
| morning rise | -1750 Feb 11 j 14:16 | 28°  32'4'24 | | minimum elong | -1745 Jul 25 j 13:47 | 15°  54'7'13 | 0°52'20 |
| | -1750 Feb 18 j 07:29 | 0°  | | max. Earth dist. | -1745 Jul 24 j 22:36 | 15°  53'8'56 | 6.39498 AU |
| | -1750 May 04 j 07:16 | 15°  | | morning rise | -1745 Aug 07 j 17:15 | 18°  53'8'59 | |
| retrograde | -1750 Jun 23 j 20:05 | 18°  55'1'14 | | | -1745 Oct 04 j 10:40 | 0°  | |
| | -1750 Aug 13 j 22:56 | 15°  R  | | retrograde | -1745 Dec 06 j 04:56 | 5°  53'8'06 | |
| opposition | -1750 Aug 22 j 22:23 | 13°  54'8'11 | -1°47'32 | opposition | -1744 Feb 04 j 08:19 | 0°  54'4'03 | 1°34'30 |
| min. Earth dist. | -1750 Aug 21 j 22:03 | 13°  56'2'22 | 3.98853 AU | min. Earth dist. | -1744 Feb 05 j 02:01 | 0°  53'8'18 | 4.41446 AU |
| direct | -1750 Oct 19 j 23:03 | 8°  54'0'1 | | | -1744 Feb 10 j 00:29 | 30°  R  | |
| | -1750 Dec 21 j 19:31 | 15°  | | direct | -1744 Apr 06 j 17:08 | 25°  54'40'57 | |
| evening set | -1749 Feb 22 j 02:03 | 28°  52'1'42 | | | -1744 Jun 01 j 19:22 | 0°  | |
| | -1749 Feb 28 j 23:40 | 0°  | | evening set | -1744 Aug 11 j 22:55 | 13°  52'25'56 | |
| | | | | | -1744 Aug 19 j 03:53 | 15°  | |
| conjunction | -1749 Mar 07 j 12:28 | 1°  53'3'22 | -1°15'39 | max. Earth dist. | -1744 Aug 23 j 09:35 | 15°  52'55'32 | 6.41655 AU |
| minimum elong | -1749 Mar 07 j 12:28 | 1°  53'3'22 | 1°15'39 | | | | |
| max. Earth dist. | -1749 Mar 09 j 09:46 | 2°  50'0'21 | 6.00100 AU | conjunction | -1744 Aug 24 j 20:52 | 16°  54'14'49 | 1°13'37 |
| morning rise | -1749 Mar 21 j 01:51 | 4°  54'6'32 | | minimum elong | -1744 Aug 24 j 20:50 | 16°  54'14'48 | 1°13'38 |
| retrograde | -1749 Jul 30 j 16:03 | 25°  54'0'1'42 | | morning rise | -1744 Sep 06 j 15:43 | 19°  52'0'21'15 | |
| min. Earth dist. | -1749 Sep 27 j 00:38 | 20°  54'0'7'13 | 4.03383 AU | | -1744 Oct 31 j 23:01 | 0°  | |
| opposition | -1749 Sep 28 j 07:58 | 19°  54'6'3'32 | -1°48'05 | retrograde | -1743 Jan 04 j 22:44 | 5°  54'5'8'14 | |
| direct | -1749 Nov 25 j 09:44 | 14°  54'5'9'38 | | opposition | -1743 Mar 06 j 12:27 | 1°  54'0'6'12 | 1°51'37 |
| | -1748 Mar 11 j 17:14 | 0°  | | min. Earth dist. | -1743 Mar 07 j 17:13 | 0°  54'5'6'59 | 4.40456 AU |
| evening set | -1748 Mar 30 j 06:52 | 4°  54'1'4'05 | | | -1743 Mar 15 j 04:55 | 30°  R  | |
| | | | | direct | -1743 May 08 j 04:46 | 26°  52'0'4'35 | |
| conjunction | -1748 Apr 12 j 23:36 | 7°  54'2'5'02 | -1°02'16 | | -1743 Jun 30 j 11:01 | 0°  | |
| minimum elong | -1748 Apr 12 j 23:39 | 7°  54'2'5'04 | 1°02'14 | evening set | -1743 Sep 11 j 21:23 | 13°  52'5'2'39 | |
| max. Earth dist. | -1748 Apr 15 j 01:43 | 7°  54'1'0 | 6.07949 AU | max. Earth dist. | -1743 Sep 22 j 16:58 | 16°  52'16'0'2 | 6.37499 AU |
| morning rise | -1748 Apr 26 j 18:11 | 10°  53'6'4'2 | | | | | |
| | -1748 Aug 29 j 08:07 | 0°  | | conjunction | -1743 Sep 24 j 13:20 | 16°  52'40'3'9 | 1°14'33 |
| retrograde | -1748 Sep 02 j 12:27 | 0°  51'4'5 | | minimum elong | -1743 Sep 24 j 13:21 | 16°  52'40'4'0 | 1°14'33 |
| | -1748 Sep 06 j 16:25 | 30°  R  | | morning rise | -1743 Oct 07 j 02:56 | 19°  52'27'4'0 | |
| min. Earth dist. | -1748 Oct 30 j 20:01 | 25°  54'0'7'00 | 4.13656 AU | | -1743 Nov 27 j 23:41 | 0°  | |
| opposition | -1748 Nov 01 j 00:32 | 24°  54'7'1'7 | -1°08'53 | retrograde | -1742 Feb 05 j 19:45 | 6°  54'4'6'38 | |
| direct | -1748 Dec 29 j 20:42 | 19°  54'7'1'2 | | opposition | -1742 Apr 07 j 16:45 | 1°  54'5'5'00 | 1°37'57 |
| | -1747 Mar 25 j 20:42 | 0°  | | min. Earth dist. | -1742 Apr 09 j 02:03 | 1°  54'4'4'25 | 4.33399 AU |
| evening set | -1747 May 05 j 14:35 | 8°  54'4'1'2 | | | -1742 Apr 23 j 03:49 | 30°  R  | |
| | | | | direct | -1742 Jun 09 j 01:59 | 26°  52'5'5'47 | |
| conjunction | -1747 May 19 j 09:05 | 11°  54'0'4'5 | -0°27'05 | | -1742 Jul 25 j 07:37 | 0°  | |
| minimum elong | -1747 May 19 j 09:07 | 11°  54'0'4'6 | 0°27'03 | evening set | -1742 Oct 12 j 22:31 | 14°  54'5'9'27 | |
| max. Earth dist. | -1747 May 20 j 20:18 | 12°  54'10'4'0 | 6.19820 AU | max. Earth dist. | -1742 Oct 23 j 16:46 | 17°  54'2'5'35 | 6.28071 AU |
| morning rise | -1747 Jun 02 j 03:27 | 14°  54'5'6'57 | | | | | |
| | -1747 Jun 02 j 08:54 | 15°  | | conjunction | -1742 Oct 25 j 12:23 | 17°  54'0'2'21 | 0°54'09 |
| | -1747 Aug 19 j 19:46 | 0°  | | minimum elong | -1742 Oct 25 j 12:26 | 17°  54'0'2'23 | 0°54'08 |
| retrograde | -1747 Oct 05 j 08:49 | 3°  II18'44 | | morning rise | -1742 Nov 07 j 01:31 | 20°  54'1'0'4 | |
| | -1747 Nov 20 j 22:06 | 30°  R  | | | -1742 Dec 20 j 21:17 | 0°  | |
| opposition | -1747 Dec 03 j 21:38 | 28°  54'1'7'16 | -0°08'39 | retrograde | -1741 Mar 11 j 10:30 | 8°  54'4'5'48 | |
| min. Earth dist. | -1747 Dec 03 j 06:31 | 28°  54'2'2'22 | 4.25885 AU | opposition | -1741 May 11 j 10:56 | 3°  54'5'2'44 | 0°54'30 |
| asc. node | -1746 Jan 27 j 07:52 | 23°  54'18'0'2 | | min. Earth dist. | -1741 May 12 j 13:48 | 3°  54'4'4'09 | 4.22123 AU |
| direct | -1746 Feb 02 j 01:05 | 23°  54'1'4'50 | | | -1741 Jun 15 j 12:22 | 30°  R  | |
| | -1746 Apr 12 j 23:02 | 0°  | | direct | -1741 Jul 11 j 20:46 | 28°  54'5'6'17 | |
| evening set | -1746 Jun 09 j 07:20 | 11°  II32'0'8 | | | -1741 Aug 07 j 02:54 | 0°  | |
| | | | | | -1741 Nov 03 j 08:53 | 15°  54'1'5 | |
| conjunction | -1746 Jun 22 j 21:56 | 14°  II32'0'4 | 0°15'38 | evening set | -1741 Nov 13 j 22:41 | 17°  54'1'2'5'28 | |
| minimum elong | -1746 Jun 22 j 21:55 | 14°  II32'0'4 | 0°15'40 | max. Earth dist. | -1741 Nov 25 j 11:21 | 20°  54'1'0'6'18 | 6.15968 AU |
| behind sun begin | -1746 Jun 22 j 20:54 | 14°  II31'3'0 | | | | | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 15

Attention, astronomical year style is used: The year -1741 in astronomical counting style is the year 1742 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|--------------------|------------|------------------|----------------------|--------------------|------------|
| conjunction | -1741 Nov 26 j 14:40 | 20° ℓ 22'14 | 0°16'26 | morning rise | -1735 Jun 07 j 00:29 | 19° ♄ 41'01 | |
| minimum elong | -1741 Nov 26 j 14:41 | 20° ℓ 22'15 | 0°16'24 | | -1735 Jul 26 j 12:58 | 0° ♊ | |
| morning rise | -1741 Dec 09 j 07:13 | 23° ℓ 19'36 | | retrograde | -1735 Oct 09 j 18:43 | 7° ♊ 55'31 | |
| | -1740 Jan 08 j 00:39 | 0° ♈ | | asc. node | -1735 Dec 07 j 08:53 | 3° ♊ 02'33 | |
| retrograde | -1740 Apr 15 j 02:53 | 12° ♈ 24'07 | | opposition | -1735 Dec 08 j 08:29 | 2° ♊ 54'37 | 0°00'09 |
| desc. node | -1740 Apr 21 j 04:22 | 12° ♈ 20'39 | | min. Earth dist. | -1735 Dec 07 j 18:36 | 2° ♊ 59'17 | 4.27233 AU |
| opposition | -1740 Jun 14 j 23:44 | 7° ♈ 28'12 | -0°09'17 | | -1735 Dec 31 j 12:59 | 30° ♊ | |
| min. Earth dist. | -1740 Jun 15 j 11:27 | 7° ♈ 24'25 | 4.10026 AU | direct | -1734 Feb 06 j 14:39 | 27° ♊ 52'03 | |
| direct | -1740 Aug 14 j 01:28 | 2° ♈ 34'10 | | | -1734 Mar 16 j 05:29 | 0° ♊ | |
| evening set | -1740 Dec 16 j 15:14 | 21° ♈ 32'37 | | evening set | -1734 Jun 14 j 00:23 | 16° ♊ 06'42 | |
| | | | | | | | |
| conjunction | -1740 Dec 29 j 11:58 | 24° ♈ 36'12 | -0°28'18 | conjunction | -1734 Jun 27 j 13:54 | 19° ♊ 05'46 | 0°21'23 |
| minimum elong | -1740 Dec 29 j 11:56 | 24° ♈ 36'11 | 0°28'19 | minimum elong | -1734 Jun 27 j 13:52 | 19° ♊ 05'45 | 0°21'25 |
| max. Earth dist. | -1740 Dec 29 j 08:37 | 24° ♈ 34'12 | 6.04988 AU | max. Earth dist. | -1734 Jun 27 j 20:44 | 19° ♊ 09'32 | 6.32649 AU |
| morning rise | -1739 Jan 11 j 11:11 | 27° ♈ 41'12 | | morning rise | -1734 Jul 11 j 01:18 | 22° ♊ 03'34 | |
| | -1739 Jan 21 j 07:28 | 0° ♉ | | | -1734 Aug 18 j 02:43 | 0° ♉ | |
| retrograde | -1739 May 22 j 08:28 | 17° ♉ 41'39 | | retrograde | -1734 Nov 09 j 23:02 | 9° ♉ 27'51 | |
| opposition | -1739 Jul 21 j 20:30 | 12° ♉ 41'49 | -1°12'58 | opposition | -1733 Jan 08 j 18:38 | 4° ♉ 30'53 | 0°58'31 |
| min. Earth dist. | -1739 Jul 21 j 11:15 | 12° ♉ 44'52 | 4.01222 AU | min. Earth dist. | -1733 Jan 08 j 22:14 | 4° ♉ 29'42 | 4.36991 AU |
| direct | -1739 Sep 18 j 14:09 | 7° ♉ 48'37 | | | -1733 Feb 20 j 14:32 | 30° ♉ | |
| evening set | -1738 Jan 21 j 05:40 | 27° ♉ 10'06 | | direct | -1733 Mar 11 j 08:13 | 29° ♉ 27'29 | |
| | -1738 Feb 02 j 01:18 | 0° ♊ | | | -1733 Mar 30 j 05:15 | 0° ♉ | |
| | | | | evening set | -1733 Jul 16 j 19:51 | 17° ♉ 21'11 | |
| conjunction | -1738 Feb 03 j 09:24 | 0° ♊ 19'17 | -1°03'55 | max. Earth dist. | -1733 Jul 29 j 08:07 | 20° ♉ 04'29 | 6.40043 AU |
| minimum elong | -1738 Feb 03 j 09:22 | 0° ♊ 19'15 | 1°03'57 | | | | |
| max. Earth dist. | -1738 Feb 04 j 12:05 | 0° ♊ 35'18 | 5.99121 AU | conjunction | -1733 Jul 30 j 01:12 | 20° ♉ 13'48 | 0°56'22 |
| morning rise | -1738 Feb 16 j 16:12 | 3° ♊ 30'11 | | minimum elong | -1733 Jul 30 j 01:09 | 20° ♉ 13'46 | 0°56'24 |
| | -1738 Apr 09 j 13:41 | 15° ♊ | | morning rise | -1733 Aug 12 j 03:15 | 23° ♉ 04'48 | |
| retrograde | -1738 Jun 29 j 00:20 | 23° ♊ 57'54 | | | -1733 Sep 14 j 08:20 | 0° ♊ | |
| min. Earth dist. | -1738 Aug 26 j 23:24 | 19° ♊ 02'50 | 3.99079 AU | retrograde | -1733 Dec 10 j 11:08 | 10° ♊ 02'16 | |
| opposition | -1738 Aug 28 j 00:17 | 18° ♊ 54'26 | -1°50'15 | opposition | -1732 Feb 08 j 16:58 | 5° ♊ 08'36 | 1°38'38 |
| | -1738 Sep 30 j 17:54 | 15° ♊ | | min. Earth dist. | -1732 Feb 09 j 11:14 | 5° ♊ 02'41 | 4.41686 AU |
| direct | -1738 Oct 25 j 00:44 | 13° ♊ 59'59 | | direct | -1732 Apr 11 j 02:30 | 0° ♊ 05'45 | |
| | -1738 Nov 18 j 06:40 | 15° ♊ | | | -1732 Aug 03 j 02:24 | 15° ♊ | |
| | -1737 Feb 12 j 10:43 | 0° ♋ | | evening set | -1732 Aug 16 j 08:12 | 17° ♊ 50'18 | |
| evening set | -1737 Feb 27 j 04:57 | 3° ♋ 27'00 | | max. Earth dist. | -1732 Aug 27 j 16:42 | 20° ♊ 18'55 | 6.41583 AU |
| | | | | | | | |
| conjunction | -1737 Mar 12 j 16:16 | 6° ♋ 38'47 | -1°15'28 | conjunction | -1732 Aug 29 j 05:00 | 20° ♊ 38'46 | 1°15'01 |
| minimum elong | -1737 Mar 12 j 16:17 | 6° ♋ 38'47 | 1°15'29 | minimum elong | -1732 Aug 29 j 04:58 | 20° ♊ 38'45 | 1°15'03 |
| max. Earth dist. | -1737 Mar 14 j 14:49 | 7° ♋ 06'25 | 6.00768 AU | morning rise | -1732 Sep 10 j 22:52 | 23° ♊ 25'51 | |
| morning rise | -1737 Mar 26 j 06:40 | 9° ♋ 52'02 | | | -1732 Oct 12 j 06:27 | 0° ♋ | |
| | -1737 Jul 30 j 16:10 | 0° ♌ | | retrograde | -1731 Jan 09 j 08:38 | 10° ♋ 22'56 | |
| retrograde | -1737 Aug 04 j 13:43 | 0° ♌ 02'23 | | opposition | -1731 Mar 10 j 23:14 | 5° ♋ 31'07 | 1°51'33 |
| | -1737 Aug 09 j 10:57 | 30° ♋ | | min. Earth dist. | -1731 Mar 12 j 05:20 | 5° ♋ 21'30 | 4.40092 AU |
| min. Earth dist. | -1737 Oct 01 j 20:50 | 25° ♋ 08'10 | 4.04432 AU | direct | -1731 May 12 j 17:01 | 0° ♋ 29'52 | |
| opposition | -1737 Oct 03 j 05:02 | 24° ♋ 57'11 | -1°44'43 | evening set | -1731 Sep 16 j 05:08 | 18° ♋ 18'15 | |
| direct | -1737 Nov 30 j 07:22 | 19° ♋ 59'50 | | max. Earth dist. | -1731 Sep 26 j 23:17 | 20° ♋ 41'10 | 6.36867 AU |
| | -1736 Feb 22 j 12:27 | 0° ♌ | | | | | |
| evening set | -1736 Apr 04 j 08:37 | 9° ♌ 11'37 | | conjunction | -1731 Sep 28 j 20:28 | 21° ♋ 06'16 | 1°12'56 |
| | | | | minimum elong | -1731 Sep 28 j 20:29 | 21° ♋ 06'17 | 1°12'55 |
| conjunction | -1736 Apr 18 j 01:54 | 12° ♌ 22'13 | -0°58'23 | morning rise | -1731 Oct 11 j 09:44 | 23° ♋ 53'24 | |
| minimum elong | -1736 Apr 18 j 01:58 | 12° ♌ 22'15 | 0°58'23 | | -1731 Nov 08 j 22:31 | 0° ♌ | |
| max. Earth dist. | -1736 Apr 20 j 01:43 | 12° ♌ 49'57 | 6.09278 AU | retrograde | -1730 Feb 10 j 07:38 | 11° ♌ 15'57 | |
| morning rise | -1736 May 01 j 20:52 | 15° ♌ 33'26 | | opposition | -1730 Apr 12 j 06:40 | 6° ♌ 24'10 | 1°33'32 |
| | -1736 Jul 12 j 05:43 | 0° ♍ | | min. Earth dist. | -1730 Apr 13 j 14:52 | 6° ♌ 13'55 | 4.32536 AU |
| retrograde | -1736 Sep 07 j 04:44 | 4° ♍ 50'48 | | direct | -1730 Jun 13 j 13:44 | 1° ♌ 25'18 | |
| | -1736 Nov 04 j 00:54 | 30° ♌ | | evening set | -1730 Oct 17 j 06:44 | 19° ♌ 30'11 | |
| opposition | -1736 Nov 05 j 16:09 | 29° ♌ 46'37 | -1°01'17 | max. Earth dist. | -1730 Oct 28 j 03:55 | 21° ♌ 58'17 | 6.27059 AU |
| min. Earth dist. | -1736 Nov 04 j 13:52 | 29° ♌ 55'35 | 4.15102 AU | | | | |
| direct | -1735 Jan 03 j 16:39 | 24° ♌ 46'09 | | conjunction | -1730 Oct 29 j 20:42 | 22° ♌ 21'30 | 0°49'48 |
| | -1735 Mar 04 j 04:09 | 0° ♍ | | minimum elong | -1730 Oct 29 j 20:44 | 22° ♌ 21'31 | 0°49'48 |
| evening set | -1735 May 10 j 12:13 | 13° ♍ 29'47 | | morning rise | -1730 Nov 11 j 09:50 | 25° ♌ 12'41 | |
| | -1735 May 17 j 04:53 | 15° ♍ | | | -1730 Dec 03 j 00:12 | 0° ♍ | |
| | | | | retrograde | -1729 Mar 16 j 04:02 | 13° ♍ 22'56 | |
| conjunction | -1735 May 24 j 06:42 | 16° ♍ 35'40 | -0°21'16 | opposition | -1729 May 16 j 04:56 | 8° ♍ 29'36 | 0°46'37 |
| minimum elong | -1735 May 24 j 06:43 | 16° ♍ 35'41 | 0°21'13 | min. Earth dist. | -1729 May 17 j 06:53 | 8° ♍ 21'19 | 4.21002 AU |
| max. Earth dist. | -1735 May 25 j 16:12 | 16° ♍ 54'33 | 6.21280 AU | direct | -1729 Jul 16 j 12:20 | 3° ♍ 33'32 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 16

Attention, astronomical year style is used: The year -1729 in astronomical counting style is the year 1730 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-------------------------------|------------|------------------|----------------------|-------------------------------|------------|
| | -1729 Oct 17 j 16:16 | 15° \mathbb{M} | | conjunction | -1723 May 29 j 03:29 | 21° \mathbb{B} 18'34 | -0°15'21 |
| evening set | -1729 Nov 18 j 09:45 | 22° \mathbb{M} 04'36 | | minimum elong | -1723 May 29 j 03:30 | 21° \mathbb{B} 18'35 | 0°15'19 |
| max. Earth dist. | -1729 Nov 29 j 23:45 | 24° \mathbb{M} 46'40 | 6.14833 AU | behind sun begin | -1723 May 29 j 01:33 | 21° \mathbb{B} 17'29 | |
| | | | | behind sun end | -1723 May 29 j 05:26 | 21° \mathbb{B} 19'40 | |
| conjunction | -1729 Dec 01 j 02:00 | 25° \mathbb{M} 02'00 | 0°10'29 | max. Earth dist. | -1723 May 30 j 08:51 | 21° \mathbb{B} 35'05 | 6.22568 AU |
| minimum elong | -1729 Dec 01 j 02:00 | 25° \mathbb{M} 02'00 | 0°10'27 | morning rise | -1723 Jun 11 j 20:55 | 24° \mathbb{B} 23'10 | |
| behind sun begin | -1729 Nov 30 j 19:41 | 24° \mathbb{M} 58'19 | | | -1723 Jul 07 j 17:27 | 0° \mathbb{H} | |
| behind sun end | -1729 Dec 01 j 08:20 | 25° \mathbb{M} 05'41 | | retrograde | -1723 Oct 14 j 04:54 | 12° \mathbb{H} 30'50 | |
| morning rise | -1729 Dec 13 j 19:22 | 28° \mathbb{M} 00'10 | | asc. node | -1723 Oct 17 j 16:07 | 12° \mathbb{H} 29'38 | |
| | -1729 Dec 22 j 10:56 | 0° \mathbb{A} | | opposition | -1723 Dec 12 j 18:59 | 7° \mathbb{H} 30'23 | 0°08'53 |
| desc. node | -1728 Mar 02 j 22:15 | 13° \mathbb{A} 45'28 | | min. Earth dist. | -1723 Dec 12 j 07:27 | 7° \mathbb{H} 34'15 | 4.28493 AU |
| retrograde | -1728 Apr 20 j 00:07 | 17° \mathbb{A} 11'07 | | direct | -1722 Feb 11 j 06:13 | 2° \mathbb{H} 27'33 | |
| opposition | -1728 Jun 19 j 21:08 | 12° \mathbb{A} 14'41 | -0°18'25 | evening set | -1722 Jun 18 j 16:27 | 20° \mathbb{H} 39'26 | |
| min. Earth dist. | -1728 Jun 20 j 05:58 | 12° \mathbb{A} 11'49 | 4.08959 AU | | | | |
| direct | -1728 Aug 18 j 18:25 | 7° \mathbb{A} 20'47 | | conjunction | -1722 Jul 02 j 05:12 | 23° \mathbb{H} 37'39 | 0°26'58 |
| evening set | -1728 Dec 21 j 07:01 | 26° \mathbb{A} 21'40 | | minimum elong | -1722 Jul 02 j 05:10 | 23° \mathbb{H} 37'38 | 0°27'01 |
| | | | | max. Earth dist. | -1722 Jul 02 j 10:35 | 23° \mathbb{H} 40'37 | 6.33793 AU |
| conjunction | -1727 Jan 03 j 04:41 | 29° \mathbb{A} 25'59 | -0°33'58 | morning rise | -1722 Jul 15 j 15:17 | 26° \mathbb{H} 34'28 | |
| minimum elong | -1727 Jan 03 j 04:38 | 29° \mathbb{A} 25'58 | 0°33'59 | | -1722 Jul 31 j 13:02 | 0° \mathbb{B} | |
| max. Earth dist. | -1727 Jan 03 j 05:37 | 29° \mathbb{A} 26'33 | 6.04093 AU | retrograde | -1722 Nov 14 j 05:02 | 13° \mathbb{B} 53'46 | |
| | -1727 Jan 05 j 13:40 | 0° \mathbb{B} | | opposition | -1721 Jan 13 j 02:44 | 8° \mathbb{B} 57'15 | 1°05'29 |
| morning rise | -1727 Jan 16 j 04:39 | 2° \mathbb{B} 31'45 | | min. Earth dist. | -1721 Jan 13 j 07:24 | 8° \mathbb{B} 55'43 | 4.37932 AU |
| retrograde | -1727 May 27 j 10:06 | 22° \mathbb{B} 37'11 | | direct | -1721 Mar 15 j 19:05 | 3° \mathbb{B} 53'51 | |
| opposition | -1727 Jul 26 j 19:38 | 17° \mathbb{B} 36'52 | -1°19'59 | evening set | -1721 Jul 21 j 07:10 | 21° \mathbb{B} 45'22 | |
| min. Earth dist. | -1727 Jul 26 j 09:30 | 17° \mathbb{B} 40'14 | 4.00595 AU | | | | |
| direct | -1727 Sep 23 j 10:52 | 12° \mathbb{B} 43'35 | | conjunction | -1721 Aug 03 j 11:06 | 24° \mathbb{B} 37'10 | 1°00'06 |
| | -1726 Jan 17 j 04:32 | 0° \mathbb{B} | | minimum elong | -1721 Aug 03 j 11:03 | 24° \mathbb{B} 37'09 | 1°00'07 |
| evening set | -1726 Jan 26 j 02:42 | 2° \mathbb{B} 06'58 | | max. Earth dist. | -1721 Aug 02 j 14:12 | 24° \mathbb{B} 25'47 | 6.40673 AU |
| | | | | morning rise | -1721 Aug 16 j 12:02 | 27° \mathbb{B} 27'25 | |
| conjunction | -1726 Feb 08 j 07:23 | 5° \mathbb{B} 16'43 | -1°07'05 | | -1721 Aug 28 j 08:26 | 0° \mathbb{Q} | |
| minimum elong | -1726 Feb 08 j 07:20 | 5° \mathbb{B} 16'42 | 1°07'06 | retrograde | -1721 Dec 14 j 18:20 | 14° \mathbb{Q} 22'52 | |
| max. Earth dist. | -1726 Feb 09 j 11:46 | 5° \mathbb{B} 33'45 | 5.98806 AU | opposition | -1720 Feb 13 j 00:48 | 9° \mathbb{Q} 29'29 | 1°42'10 |
| morning rise | -1726 Feb 21 j 15:24 | 8° \mathbb{B} 28'14 | | min. Earth dist. | -1720 Feb 13 j 21:44 | 9° \mathbb{Q} 22'43 | 4.41953 AU |
| | -1726 Mar 21 j 20:40 | 15° \mathbb{B} | | direct | -1720 Apr 15 j 13:55 | 4° \mathbb{Q} 26'43 | |
| retrograde | -1726 Jul 03 j 23:37 | 28° \mathbb{B} 56'53 | | | -1720 Jul 17 j 03:48 | 15° \mathbb{Q} | |
| opposition | -1726 Sep 01 j 22:17 | 23° \mathbb{B} 53'07 | -1°52'06 | evening set | -1720 Aug 20 j 15:50 | 22° \mathbb{Q} 10'31 | |
| min. Earth dist. | -1726 Aug 31 j 19:31 | 24° \mathbb{B} 02'09 | 3.99144 AU | max. Earth dist. | -1720 Aug 31 j 22:12 | 24° \mathbb{Q} 38'04 | 6.41426 AU |
| direct | -1726 Oct 29 j 20:36 | 18° \mathbb{B} 58'19 | | | | | |
| | -1725 Jan 26 j 00:02 | 0° \mathbb{H} | | conjunction | -1720 Sep 02 j 11:47 | 24° \mathbb{Q} 58'39 | 1°16'00 |
| evening set | -1725 Mar 04 j 05:06 | 8° \mathbb{H} 25'39 | | minimum elong | -1720 Sep 02 j 11:46 | 24° \mathbb{Q} 58'39 | 1°16'02 |
| | | | | morning rise | -1720 Sep 15 j 04:41 | 27° \mathbb{Q} 45'25 | |
| conjunction | -1725 Mar 17 j 17:27 | 11° \mathbb{H} 37'42 | -1°14'44 | | -1720 Sep 25 j 13:53 | 0° \mathbb{H} | |
| minimum elong | -1725 Mar 17 j 17:29 | 11° \mathbb{H} 37'43 | 1°14'44 | retrograde | -1719 Jan 13 j 15:34 | 14° \mathbb{H} 44'00 | |
| max. Earth dist. | -1725 Mar 19 j 16:12 | 12° \mathbb{H} 05'25 | 6.01203 AU | opposition | -1719 Mar 15 j 08:52 | 9° \mathbb{H} 52'13 | 1°50'53 |
| morning rise | -1725 Mar 31 j 08:47 | 14° \mathbb{H} 51'09 | | min. Earth dist. | -1719 Mar 16 j 14:57 | 9° \mathbb{H} 42'37 | 4.39515 AU |
| | -1725 Jun 12 j 18:33 | 0° \mathbb{Y} | | direct | -1719 May 17 j 01:26 | 4° \mathbb{H} 51'14 | |
| retrograde | -1725 Aug 09 j 10:02 | 4° \mathbb{Y} 57'47 | | evening set | -1719 Sep 20 j 11:42 | 22° \mathbb{H} 40'44 | |
| opposition | -1725 Oct 07 j 23:45 | 29° \mathbb{Y} 52'32 | -1°40'42 | max. Earth dist. | -1719 Oct 01 j 05:25 | 25° \mathbb{H} 03'47 | 6.35897 AU |
| min. Earth dist. | -1725 Oct 06 j 16:29 | 0° \mathbb{Y} 03'13 | 4.05180 AU | | | | |
| | -1725 Oct 07 j 01:54 | 30° \mathbb{R} \mathbb{H} | | conjunction | -1719 Oct 03 j 02:32 | 25° \mathbb{H} 28'55 | 1°10'54 |
| direct | -1725 Dec 05 j 04:17 | 24° \mathbb{H} 54'43 | | minimum elong | -1719 Oct 03 j 02:34 | 25° \mathbb{H} 28'56 | 1°10'54 |
| | -1724 Jan 31 j 16:57 | 0° \mathbb{Y} | | morning rise | -1719 Oct 15 j 15:30 | 28° \mathbb{H} 16'20 | |
| evening set | -1724 Apr 09 j 08:41 | 14° \mathbb{Y} 05'01 | | | -1719 Oct 23 j 11:46 | 0° \mathbb{B} | |
| | | | | retrograde | -1718 Feb 14 j 21:40 | 15° \mathbb{B} 43'54 | |
| conjunction | -1724 Apr 23 j 02:43 | 17° \mathbb{Y} 15'29 | -0°54'11 | opposition | -1718 Apr 16 j 20:47 | 10° \mathbb{B} 52'02 | 1°28'35 |
| minimum elong | -1724 Apr 23 j 02:47 | 17° \mathbb{Y} 15'31 | 0°54'10 | min. Earth dist. | -1718 Apr 18 j 05:41 | 10° \mathbb{B} 41'35 | 4.31201 AU |
| max. Earth dist. | -1724 Apr 25 j 02:49 | 17° \mathbb{Y} 43'16 | 6.10307 AU | direct | -1718 Jun 18 j 02:35 | 5° \mathbb{B} 53'33 | |
| morning rise | -1724 May 06 j 21:54 | 20° \mathbb{Y} 26'20 | | evening set | -1718 Oct 21 j 15:17 | 24° \mathbb{B} 01'20 | |
| | -1724 Jun 20 j 01:52 | 0° \mathbb{B} | | max. Earth dist. | -1718 Nov 01 j 12:27 | 26° \mathbb{B} 30'02 | 6.25467 AU |
| retrograde | -1724 Sep 11 j 19:29 | 9° \mathbb{B} 36'56 | | | | | |
| min. Earth dist. | -1724 Nov 09 j 04:46 | 4° \mathbb{B} 41'48 | 4.16302 AU | conjunction | -1718 Nov 03 j 05:18 | 26° \mathbb{B} 53'21 | 0°45'08 |
| opposition | -1724 Nov 10 j 06:19 | 4° \mathbb{B} 33'06 | -0°53'23 | minimum elong | -1718 Nov 03 j 05:21 | 26° \mathbb{B} 53'23 | 0°45'06 |
| | -1724 Dec 22 j 18:11 | 30° \mathbb{R} \mathbb{Y} | | morning rise | -1718 Nov 15 j 18:55 | 29° \mathbb{B} 45'23 | |
| direct | -1723 Jan 08 j 09:08 | 29° \mathbb{Y} 32'18 | | | -1718 Nov 16 j 20:40 | 0° \mathbb{M} | |
| | -1723 Jan 25 j 04:53 | 0° \mathbb{B} | | | -1717 Feb 03 j 13:05 | 15° \mathbb{M} | |
| | -1723 Apr 30 j 19:15 | 15° \mathbb{B} | | retrograde | -1717 Mar 20 j 23:05 | 18° \mathbb{M} 03'32 | |
| evening set | -1723 May 15 j 09:25 | 18° \mathbb{B} 13'22 | | | -1717 May 06 j 07:08 | 15° \mathbb{R} \mathbb{M} | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 17

Attention, astronomical year style is used: The year -1717 in astronomical counting style is the year 1718 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---------------------------------|------------|------------------|----------------------|---------------------------------|------------|
| opposition | -1717 May 21 j 00:34 | 13° \mathbb{M} 09'51 | 0°38'19 | direct | -1711 Jan 13 j 05:24 | 4° \mathcal{B} 21'37 | |
| min. Earth dist. | -1717 May 22 j 00:02 | 13° \mathbb{M} 02'20 | 4.19254 AU | | -1711 Apr 12 j 23:38 | 15° \mathcal{B} | |
| direct | -1717 Jul 21 j 02:44 | 8° \mathbb{M} 14'06 | | evening set | -1711 May 20 j 06:03 | 22° \mathcal{B} 57'02 | |
| | -1717 Sep 28 j 03:03 | 15° \mathbb{M} | | | | | |
| evening set | -1717 Nov 22 j 23:24 | 26° \mathbb{M} 49'35 | | conjunction | -1711 Jun 02 j 23:43 | 26° \mathcal{B} 01'09 | -0°09'24 |
| | | | | minimum elong | -1711 Jun 02 j 23:44 | 26° \mathcal{B} 01'09 | 0°09'23 |
| conjunction | -1717 Dec 05 j 16:20 | 29° \mathbb{M} 47'59 | 0°04'19 | behind sun begin | -1711 Jun 02 j 16:50 | 25° \mathcal{B} 57'18 | |
| minimum elong | -1717 Dec 05 j 16:21 | 29° \mathbb{M} 47'59 | 0°04'18 | behind sun end | -1711 Jun 03 j 06:38 | 26° \mathcal{B} 05'00 | |
| behind sun begin | -1717 Dec 05 j 08:28 | 29° \mathbb{M} 43'23 | | max. Earth dist. | -1711 Jun 04 j 03:28 | 26° \mathcal{B} 16'40 | 6.24649 AU |
| behind sun end | -1717 Dec 06 j 00:14 | 29° \mathbb{M} 52'35 | | morning rise | -1711 Jun 16 j 16:10 | 29° \mathcal{B} 04'27 | |
| max. Earth dist. | -1717 Dec 04 j 18:02 | 29° \mathbb{M} 34'54 | 6.13093 AU | | -1711 Jun 20 j 20:36 | 0° \mathbb{I} | |
| | -1717 Dec 06 j 12:50 | 0° \mathcal{A} | | asc. node | -1711 Aug 28 j 11:52 | 13° \mathbb{I} 07'35 | |
| morning rise | -1717 Dec 18 j 10:23 | 2° \mathcal{A} 47'14 | | retrograde | -1711 Oct 18 j 12:49 | 17° \mathbb{I} 02'49 | |
| desc. node | -1716 Jan 12 j 07:50 | 8° \mathcal{A} 27'00 | | opposition | -1711 Dec 17 j 04:01 | 12° \mathbb{I} 02'55 | 0°17'22 |
| retrograde | -1716 Apr 25 j 04:04 | 22° \mathcal{A} 07'02 | | min. Earth dist. | -1711 Dec 16 j 18:29 | 12° \mathbb{I} 06'06 | 4.30448 AU |
| opposition | -1716 Jun 24 j 22:25 | 17° \mathcal{A} 10'09 | -0°27'46 | direct | -1710 Feb 15 j 20:13 | 6° \mathbb{I} 59'56 | |
| min. Earth dist. | -1716 Jun 25 j 05:44 | 17° \mathcal{A} 07'46 | 4.07368 AU | evening set | -1710 Jun 23 j 06:00 | 25° \mathbb{I} 06'48 | |
| direct | -1716 Aug 23 j 15:33 | 12° \mathcal{A} 16'28 | | | | | |
| | -1716 Dec 20 j 09:14 | 0° \mathcal{B} | | conjunction | -1710 Jul 06 j 17:25 | 28° \mathbb{I} 03'48 | 0°32'14 |
| evening set | -1716 Dec 26 j 03:37 | 1° \mathcal{B} 21'50 | | minimum elong | -1710 Jul 06 j 17:23 | 28° \mathbb{I} 03'47 | 0°32'16 |
| | | | | max. Earth dist. | -1710 Jul 06 j 17:41 | 28° \mathbb{I} 03'57 | 6.35449 AU |
| conjunction | -1715 Jan 08 j 02:07 | 4° \mathcal{B} 27'07 | -0°39'37 | | -1710 Jul 15 j 13:27 | 0° \mathcal{C} | |
| minimum elong | -1715 Jan 08 j 02:05 | 4° \mathcal{B} 27'06 | 0°39'40 | morning rise | -1710 Jul 20 j 02:21 | 0° \mathcal{C} 59'25 | |
| max. Earth dist. | -1715 Jan 08 j 05:52 | 4° \mathcal{B} 29'22 | 6.02791 AU | retrograde | -1710 Nov 18 j 08:51 | 18° \mathcal{C} 12'36 | |
| morning rise | -1715 Jan 21 j 03:19 | 7° \mathcal{B} 33'59 | | opposition | -1709 Jan 17 j 07:53 | 13° \mathcal{C} 16'32 | 1°11'48 |
| retrograde | -1715 Jun 01 j 15:06 | 27° \mathcal{B} 45'49 | | min. Earth dist. | -1709 Jan 17 j 15:40 | 13° \mathcal{C} 13'59 | 4.39185 AU |
| opposition | -1715 Jul 31 j 23:55 | 22° \mathcal{B} 45'02 | -1°26'45 | direct | -1709 Mar 20 j 04:57 | 8° \mathcal{C} 13'02 | |
| min. Earth dist. | -1715 Jul 31 j 10:16 | 22° \mathcal{B} 49'34 | 3.99754 AU | evening set | -1709 Jul 25 j 14:30 | 26° \mathcal{C} 01'37 | |
| direct | -1715 Sep 28 j 10:30 | 17° \mathcal{B} 51'44 | | | | | |
| | -1715 Dec 30 j 14:51 | 0° \approx | | conjunction | -1709 Aug 07 j 17:22 | 28° \mathcal{C} 52'38 | 1°03'20 |
| evening set | -1714 Jan 31 j 05:36 | 7° \approx 17'49 | | minimum elong | -1709 Aug 07 j 17:19 | 28° \mathcal{C} 52'37 | 1°03'22 |
| | | | | max. Earth dist. | -1709 Aug 06 j 18:23 | 28° \mathcal{C} 40'07 | 6.41411 AU |
| conjunction | -1714 Feb 13 j 11:22 | 10° \approx 28'12 | -1°09'53 | | -1709 Aug 12 j 20:59 | 0° \mathcal{Q} | |
| minimum elong | -1714 Feb 13 j 11:20 | 10° \approx 28'10 | 1°09'54 | morning rise | -1709 Aug 20 j 16:52 | 1° \mathcal{Q} 42'03 | |
| max. Earth dist. | -1714 Feb 14 j 19:13 | 10° \approx 47'19 | 5.98495 AU | | -1709 Oct 30 j 14:56 | 15° \mathcal{Q} | |
| morning rise | -1714 Feb 26 j 20:27 | 13° \approx 40'20 | | retrograde | -1709 Dec 18 j 20:08 | 18° \mathcal{Q} 35'37 | |
| | -1714 Mar 04 j 10:54 | 15° \approx | | | -1708 Feb 07 j 01:57 | 15° \mathcal{R} \mathcal{Q} | |
| | -1714 May 17 j 16:03 | 0° \mathcal{X} | | opposition | -1708 Feb 17 j 05:15 | 13° \mathcal{Q} 42'32 | 1°45'02 |
| retrograde | -1714 Jul 09 j 04:56 | 4° \mathcal{X} 09'31 | | min. Earth dist. | -1708 Feb 18 j 03:38 | 13° \mathcal{Q} 35'19 | 4.42141 AU |
| | -1714 Aug 31 j 07:36 | 30° \mathcal{R} \approx | | direct | -1708 Apr 19 j 19:23 | 8° \mathcal{Q} 39'55 | |
| min. Earth dist. | -1714 Sep 05 j 21:42 | 29° \approx 14'52 | 3.99429 AU | | -1708 Jun 28 j 01:57 | 15° \mathcal{Q} | |
| opposition | -1714 Sep 07 j 01:31 | 29° \approx 05'26 | -1°53'10 | evening set | -1708 Aug 24 j 19:57 | 26° \mathcal{Q} 23'23 | |
| direct | -1714 Nov 04 j 00:15 | 24° \approx 10'20 | | max. Earth dist. | -1708 Sep 04 j 21:48 | 28° \mathcal{Q} 48'45 | 6.41020 AU |
| | -1713 Jan 04 j 07:51 | 0° \mathcal{X} | | | | | |
| evening set | -1713 Mar 09 j 10:42 | 13° \mathcal{X} 36'58 | | conjunction | -1708 Sep 06 j 14:50 | 29° \mathcal{Q} 11'16 | 1°16'33 |
| | | | | minimum elong | -1708 Sep 06 j 14:50 | 29° \mathcal{Q} 11'15 | 1°16'33 |
| conjunction | -1713 Mar 23 j 00:10 | 16° \mathcal{X} 49'06 | -1°13'26 | | -1708 Sep 10 j 07:39 | 0° \mathbb{P} | |
| minimum elong | -1713 Mar 23 j 00:11 | 16° \mathcal{X} 49'07 | 1°13'25 | morning rise | -1708 Sep 19 j 07:05 | 1° \mathbb{P} 57'53 | |
| max. Earth dist. | -1713 Mar 25 j 02:07 | 17° \mathcal{X} 18'38 | 6.02082 AU | retrograde | -1707 Jan 17 j 23:04 | 18° \mathbb{P} 59'08 | |
| morning rise | -1713 Apr 05 j 16:13 | 20° \mathcal{X} 02'28 | | opposition | -1707 Mar 19 j 16:15 | 14° \mathbb{P} 07'27 | 1°49'40 |
| | -1713 May 20 j 16:20 | 0° \mathcal{Y} | | min. Earth dist. | -1707 Mar 21 j 00:43 | 13° \mathbb{P} 57'06 | 4.38532 AU |
| retrograde | -1713 Aug 14 j 09:03 | 10° \mathcal{Y} 02'48 | | direct | -1707 May 21 j 09:18 | 9° \mathbb{P} 06'40 | |
| opposition | -1713 Oct 12 j 21:51 | 4° \mathcal{Y} 57'38 | -1°35'48 | evening set | -1707 Sep 24 j 15:59 | 26° \mathbb{P} 58'41 | |
| min. Earth dist. | -1713 Oct 11 j 14:11 | 5° \mathcal{Y} 08'27 | 4.06582 AU | max. Earth dist. | -1707 Oct 05 j 08:36 | 29° \mathbb{P} 21'37 | 6.34403 AU |
| | -1713 Dec 07 j 21:13 | 30° \mathcal{R} \mathcal{X} | | | | | |
| direct | -1713 Dec 10 j 03:57 | 29° \mathcal{X} 59'28 | | conjunction | -1707 Oct 07 j 06:39 | 29° \mathbb{P} 47'21 | 1°08'32 |
| | -1713 Dec 12 j 10:48 | 0° \mathcal{Y} | | minimum elong | -1707 Oct 07 j 06:40 | 29° \mathbb{P} 47'22 | 1°08'32 |
| evening set | -1712 Apr 14 j 11:55 | 19° \mathcal{Y} 05'40 | | | -1707 Oct 08 j 05:16 | 0° \mathcal{U} | |
| | | | | morning rise | -1707 Oct 19 j 19:27 | 2° \mathcal{U} 35'18 | |
| conjunction | -1712 Apr 28 j 06:07 | 22° \mathcal{Y} 15'27 | -0°49'31 | retrograde | -1706 Feb 19 j 09:30 | 20° \mathcal{U} 09'45 | |
| minimum elong | -1712 Apr 28 j 06:10 | 22° \mathcal{Y} 15'29 | 0°49'30 | opposition | -1706 Apr 21 j 09:39 | 15° \mathcal{U} 17'43 | 1°23'15 |
| max. Earth dist. | -1712 Apr 30 j 03:59 | 22° \mathcal{Y} 41'50 | 6.12111 AU | min. Earth dist. | -1706 Apr 22 j 17:29 | 15° \mathcal{U} 07'35 | 4.29288 AU |
| morning rise | -1712 May 12 j 01:32 | 25° \mathcal{Y} 25'33 | | direct | -1706 Jun 22 j 10:54 | 10° \mathcal{U} 19'33 | |
| | -1712 Jun 01 j 11:53 | 0° \mathcal{B} | | evening set | -1706 Oct 25 j 23:41 | 28° \mathcal{U} 32'22 | |
| retrograde | -1712 Sep 16 j 09:29 | 14° \mathcal{B} 26'18 | | | -1706 Nov 01 j 09:10 | 0° \mathbb{M} | |
| opposition | -1712 Nov 14 j 21:37 | 9° \mathcal{B} 22'47 | -0°45'06 | max. Earth dist. | -1706 Nov 05 j 23:04 | 1° \mathbb{M} 03'02 | 6.23299 AU |
| min. Earth dist. | -1712 Nov 13 j 21:19 | 9° \mathcal{B} 31'03 | 4.18318 AU | | | | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 18

Attention, astronomical year style is used: The year -1706 in astronomical counting style is the year 1707 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| conjunction | -1706 Nov 07 j 13:59 | 1°♄25'23 | 0°40'13 | max. Earth dist. | -1700 May 05 j 06:28 | 27°♄39'38 | 6.14073 AU |
| minimum elong | -1706 Nov 07 j 14:02 | 1°♄25'24 | 0°40'12 | | -1700 May 15 j 12:09 | 0°♄ | |
| morning rise | -1706 Nov 20 j 04:03 | 4°♄18'31 | | morning rise | -1700 May 17 j 04:38 | 0°♄23'00 | |
| | -1705 Jan 09 j 16:30 | 15°♄ | | | -1700 Jul 30 j 01:44 | 15°♄ | |
| retrograde | -1705 Mar 25 j 22:29 | 22°♄46'42 | | retrograde | -1700 Sep 21 j 00:59 | 19°♄13'40 | |
| opposition | -1705 May 25 j 21:22 | 17°♄52'40 | 0°29'44 | | -1700 Nov 13 j 10:11 | 15°♄ | |
| min. Earth dist. | -1705 May 26 j 20:03 | 17°♄45'23 | 4.16967 AU | opposition | -1700 Nov 19 j 12:29 | 14°♄10'39 | -0°36'29 |
| | -1705 Jun 18 j 21:10 | 15°♄ | | min. Earth dist. | -1700 Nov 18 j 14:26 | 14°♄18'07 | 4.20333 AU |
| direct | -1705 Jul 25 j 19:26 | 12°♄57'14 | | direct | -1699 Jan 18 j 01:31 | 9°♄09'10 | |
| | -1705 Aug 31 j 05:00 | 15°♄ | | | -1699 Mar 22 j 22:26 | 15°♄ | |
| | -1705 Nov 20 j 12:36 | 0°♄ | | evening set | -1699 May 25 j 02:45 | 27°♄39'24 | |
| desc. node | -1705 Nov 22 j 18:30 | 0°♄31'12 | | | -1699 Jun 04 j 15:35 | 0°♄ | |
| evening set | -1705 Nov 27 j 14:48 | 1°♄38'57 | | | | | |
| | | | | conjunction | -1699 Jun 07 j 19:42 | 0°♄42'25 | -0°03'22 |
| conjunction | -1705 Dec 10 j 08:28 | 4°♄38'37 | -0°02'03 | minimum elong | -1699 Jun 07 j 19:43 | 0°♄42'26 | 0°03'20 |
| minimum elong | -1705 Dec 10 j 08:28 | 4°♄38'36 | 0°02'04 | behind sun begin | -1699 Jun 07 j 11:26 | 0°♄37'50 | |
| behind sun begin | -1705 Dec 10 j 00:25 | 4°♄33'53 | | behind sun end | -1699 Jun 08 j 03:59 | 0°♄47'01 | |
| behind sun end | -1705 Dec 10 j 16:30 | 4°♄43'19 | | max. Earth dist. | -1699 Jun 08 j 19:08 | 0°♄55'28 | 6.26555 AU |
| max. Earth dist. | -1705 Dec 09 j 12:53 | 4°♄27'05 | 6.10902 AU | morning rise | -1699 Jun 21 j 11:24 | 3°♄44'35 | |
| morning rise | -1705 Dec 23 j 03:34 | 7°♄39'15 | | asc. node | -1699 Jul 08 j 09:08 | 7°♄25'34 | |
| retrograde | -1704 Apr 30 j 08:28 | 27°♄09'23 | | retrograde | -1699 Oct 22 j 20:36 | 21°♄34'44 | |
| opposition | -1704 Jun 30 j 02:07 | 22°♄11'57 | -0°37'03 | opposition | -1699 Dec 21 j 13:24 | 16°♄35'24 | 0°25'49 |
| min. Earth dist. | -1704 Jun 30 j 05:21 | 22°♄10'54 | 4.05491 AU | min. Earth dist. | -1699 Dec 21 j 06:09 | 16°♄37'49 | 4.32105 AU |
| direct | -1704 Aug 28 j 12:41 | 17°♄18'29 | | direct | -1698 Feb 20 j 09:56 | 11°♄32'15 | |
| | -1704 Dec 03 j 01:52 | 0°♄ | | evening set | -1698 Jun 27 j 20:03 | 29°♄35'26 | |
| evening set | -1704 Dec 31 j 03:30 | 6°♄29'14 | | | -1698 Jun 29 j 17:14 | 0°♄ | |
| | | | | conjunction | -1698 Jul 11 j 06:25 | 2°♄31'28 | 0°37'25 |
| conjunction | -1703 Jan 13 j 03:00 | 9°♄35'35 | -0°45'04 | minimum elong | -1698 Jul 11 j 06:23 | 2°♄31'27 | 0°37'26 |
| minimum elong | -1703 Jan 13 j 02:57 | 9°♄35'33 | 0°45'05 | max. Earth dist. | -1698 Jul 11 j 03:41 | 2°♄29'58 | 6.36741 AU |
| max. Earth dist. | -1703 Jan 13 j 11:43 | 9°♄40'48 | 6.01399 AU | morning rise | -1698 Jul 24 j 13:57 | 5°♄26'01 | |
| morning rise | -1703 Jan 26 j 05:18 | 12°♄43'31 | | retrograde | -1698 Nov 22 j 14:46 | 22°♄34'40 | |
| | -1703 Apr 23 j 10:06 | 0°♄ | | opposition | -1697 Jan 21 j 14:55 | 17°♄39'11 | 1°17'55 |
| retrograde | -1703 Jun 07 j 00:24 | 3°♄01'34 | | min. Earth dist. | -1697 Jan 22 j 01:05 | 17°♄35'51 | 4.40042 AU |
| | -1703 Jul 21 j 20:36 | 30°♄ | | direct | -1697 Mar 24 j 15:06 | 12°♄35'48 | |
| opposition | -1703 Aug 06 j 06:51 | 28°♄00'10 | -1°32'54 | | -1697 Jul 28 j 05:41 | 0°♄ | |
| min. Earth dist. | -1703 Aug 05 j 14:36 | 28°♄05'35 | 3.99007 AU | evening set | -1697 Jul 29 j 23:52 | 0°♄22'46 | |
| direct | -1703 Oct 03 j 15:20 | 23°♄06'42 | | max. Earth dist. | -1697 Aug 10 j 21:48 | 2°♄58'06 | 6.41747 AU |
| | -1703 Dec 09 j 20:43 | 0°♄ | | | | | |
| evening set | -1702 Feb 05 j 11:37 | 12°♄34'46 | | conjunction | -1697 Aug 12 j 01:24 | 3°♄13'09 | 1°06'21 |
| | -1702 Feb 15 j 14:24 | 15°♄ | | minimum elong | -1697 Aug 12 j 01:21 | 3°♄13'07 | 1°06'23 |
| conjunction | -1702 Feb 18 j 18:36 | 15°♄45'41 | -1°12'09 | morning rise | -1697 Aug 24 j 23:52 | 6°♄01'58 | |
| minimum elong | -1702 Feb 18 j 18:34 | 15°♄45'40 | 1°12'10 | | -1697 Oct 08 j 01:15 | 15°♄ | |
| max. Earth dist. | -1702 Feb 20 j 07:37 | 16°♄07'52 | 5.98451 AU | retrograde | -1697 Dec 23 j 03:30 | 22°♄55'12 | |
| morning rise | -1702 Mar 04 j 04:44 | 18°♄58'17 | | opposition | -1696 Feb 21 j 13:00 | 18°♄02'27 | 1°47'29 |
| | -1702 Apr 22 j 18:55 | 0°♄ | | min. Earth dist. | -1696 Feb 22 j 13:48 | 17°♄54'28 | 4.41968 AU |
| retrograde | -1702 Jul 14 j 11:20 | 9°♄25'54 | | | -1696 Mar 17 j 23:41 | 15°♄ | |
| min. Earth dist. | -1702 Sep 11 j 00:32 | 4°♄31'29 | 4.00100 AU | direct | -1696 Apr 24 j 04:42 | 12°♄59'59 | |
| opposition | -1702 Sep 12 j 06:07 | 4°♄21'27 | -1°53'17 | | -1696 May 31 j 13:21 | 15°♄ | |
| | -1702 Oct 22 j 00:45 | 30°♄ | | | -1696 Aug 25 j 17:37 | 0°♄ | |
| direct | -1702 Nov 09 j 04:03 | 29°♄25'58 | | evening set | -1696 Aug 29 j 03:02 | 0°♄44'15 | |
| | -1702 Nov 27 j 08:58 | 0°♄ | | max. Earth dist. | -1696 Sep 09 j 03:41 | 3°♄09'13 | 6.40345 AU |
| evening set | -1701 Mar 14 j 17:47 | 18°♄50'11 | | | | | |
| | | | | conjunction | -1696 Sep 10 j 21:17 | 3°♄32'05 | 1°16'43 |
| conjunction | -1701 Mar 28 j 07:58 | 22°♄02'05 | -1°11'31 | minimum elong | -1696 Sep 10 j 21:17 | 3°♄32'05 | 1°16'43 |
| minimum elong | -1701 Mar 28 j 08:00 | 22°♄02'07 | 1°11'31 | morning rise | -1696 Sep 23 j 12:39 | 6°♄18'41 | |
| max. Earth dist. | -1701 Mar 30 j 09:48 | 22°♄31'27 | 6.03348 AU | retrograde | -1695 Jan 22 j 08:36 | 23°♄23'32 | |
| morning rise | -1701 Apr 11 j 00:54 | 25°♄15'11 | | opposition | -1695 Mar 24 j 03:30 | 18°♄31'58 | 1°47'48 |
| | -1701 May 01 j 18:07 | 0°♄ | | min. Earth dist. | -1695 Mar 25 j 11:55 | 18°♄21'38 | 4.37410 AU |
| retrograde | -1701 Aug 19 j 06:14 | 15°♄07'28 | | direct | -1695 May 25 j 18:04 | 13°♄31'34 | |
| opposition | -1701 Oct 17 j 19:56 | 10°♄02'18 | -1°30'09 | | -1695 Sep 22 j 11:39 | 0°♄ | |
| min. Earth dist. | -1701 Oct 16 j 12:15 | 10°♄13'07 | 4.08268 AU | evening set | -1695 Sep 28 j 23:58 | 1°♄26'26 | |
| direct | -1701 Dec 15 j 05:03 | 5°♄03'38 | | max. Earth dist. | -1695 Oct 09 j 15:46 | 3°♄49'29 | 6.32917 AU |
| evening set | -1700 Apr 19 j 14:55 | 24°♄04'50 | | | | | |
| | | | | conjunction | -1695 Oct 11 j 14:14 | 4°♄15'34 | 1°05'42 |
| conjunction | -1700 May 03 j 09:29 | 27°♄13'52 | -0°44'29 | minimum elong | -1695 Oct 11 j 14:16 | 4°♄15'35 | 1°05'42 |
| minimum elong | -1700 May 03 j 09:32 | 27°♄13'54 | 0°44'27 | morning rise | -1695 Oct 24 j 03:06 | 7°♄04'09 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 19

Attention, astronomical year style is used: The year -1694 in astronomical counting style is the year 1695 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|------------------------------|------------|------------------|----------------------|------------------------------|------------|
| retrograde | -1694 Feb 24 j 04:18 | 24° Ω 45'41 | | opposition | -1689 Oct 22 j 13:42 | 14° Υ 56'55 | -1°24'04 |
| opposition | -1694 Apr 26 j 03:08 | 19° Ω 53'32 | 1°17'09 | direct | -1689 Dec 20 j 03:04 | 9° Υ 57'48 | |
| min. Earth dist. | -1694 Apr 27 j 11:00 | 19° Ω 43'23 | 4.27522 AU | evening set | -1688 Apr 24 j 13:47 | 28° Υ 54'09 | |
| direct | -1694 Jun 27 j 01:39 | 14° Ω 55'46 | | | -1688 Apr 29 j 09:39 | 0° \mathcal{B} | |
| | -1694 Oct 16 j 05:14 | 0° \mathcal{M} | | | | | |
| evening set | -1694 Oct 30 j 11:19 | 3° \mathcal{M} 12'53 | | conjunction | -1688 May 08 j 08:24 | 2° \mathcal{B} 02'26 | -0°39'19 |
| max. Earth dist. | -1694 Nov 10 j 13:21 | 5° \mathcal{M} 45'42 | 6.21429 AU | minimum elong | -1688 May 08 j 08:27 | 2° \mathcal{B} 02'28 | 0°39'18 |
| | | | | max. Earth dist. | -1688 May 10 j 02:33 | 2° \mathcal{B} 26'28 | 6.15894 AU |
| conjunction | -1694 Nov 12 j 02:00 | 6° \mathcal{M} 06'50 | 0°34'53 | morning rise | -1688 May 22 j 03:31 | 5° \mathcal{B} 10'42 | |
| minimum elong | -1694 Nov 12 j 02:02 | 6° \mathcal{M} 06'51 | 0°34'51 | | -1688 Jul 07 j 08:28 | 15° \mathcal{B} | |
| morning rise | -1694 Nov 24 j 16:35 | 9° \mathcal{M} 00'59 | | retrograde | -1688 Sep 25 j 10:52 | 23° \mathcal{B} 52'14 | |
| | -1694 Dec 21 j 12:54 | 15° \mathcal{M} | | opposition | -1688 Nov 23 j 23:43 | 18° \mathcal{B} 49'38 | -0°27'58 |
| retrograde | -1693 Mar 30 j 21:58 | 27° \mathcal{M} 38'11 | | min. Earth dist. | -1688 Nov 23 j 03:02 | 18° \mathcal{B} 56'38 | 4.22074 AU |
| opposition | -1693 May 30 j 21:15 | 22° \mathcal{M} 43'47 | 0°20'40 | | -1688 Dec 26 j 09:38 | 15° $\mathcal{R}\mathcal{B}$ | |
| min. Earth dist. | -1693 May 31 j 16:37 | 22° \mathcal{M} 37'34 | 4.15156 AU | direct | -1687 Jan 22 j 16:14 | 13° \mathcal{B} 47'49 | |
| direct | -1693 Jul 30 j 13:01 | 17° \mathcal{M} 48'48 | | | -1687 Feb 19 j 08:03 | 15° \mathcal{B} | |
| desc. node | -1693 Oct 02 j 08:23 | 23° \mathcal{M} 44'38 | | asc. node | -1687 May 19 j 09:28 | 29° \mathcal{B} 56'50 | |
| | -1693 Nov 03 j 08:27 | 0° \mathcal{J} | | | -1687 May 19 j 15:18 | 0° \mathcal{II} | |
| evening set | -1693 Dec 02 j 08:45 | 6° \mathcal{J} 35'00 | | evening set | -1687 May 29 j 19:46 | 2° \mathcal{II} 13'56 | |
| max. Earth dist. | -1693 Dec 14 j 11:34 | 9° \mathcal{J} 26'29 | 6.09331 AU | | | | |
| | | | | conjunction | -1687 Jun 12 j 12:06 | 5° \mathcal{II} 16'02 | 0°02'39 |
| conjunction | -1693 Dec 15 j 03:02 | 9° \mathcal{J} 35'37 | -0°08'25 | minimum elong | -1687 Jun 12 j 12:05 | 5° \mathcal{II} 16'02 | 0°02'42 |
| minimum elong | -1693 Dec 15 j 03:01 | 9° \mathcal{J} 35'37 | 0°08'27 | behind sun begin | -1687 Jun 12 j 03:48 | 5° \mathcal{II} 11'26 | |
| behind sun begin | -1693 Dec 14 j 19:56 | 9° \mathcal{J} 31'27 | | behind sun end | -1687 Jun 12 j 20:23 | 5° \mathcal{II} 20'37 | |
| behind sun end | -1693 Dec 15 j 10:06 | 9° \mathcal{J} 39'47 | | max. Earth dist. | -1687 Jun 13 j 07:28 | 5° \mathcal{II} 26'47 | 6.28093 AU |
| morning rise | -1693 Dec 27 j 23:01 | 12° \mathcal{J} 37'20 | | morning rise | -1687 Jun 26 j 02:52 | 8° \mathcal{II} 17'09 | |
| | -1692 Mar 28 j 02:44 | 0° \mathcal{Z} | | retrograde | -1687 Oct 27 j 04:14 | 26° \mathcal{II} 00'44 | |
| retrograde | -1692 May 05 j 14:41 | 2° \mathcal{Z} 15'24 | | opposition | -1687 Dec 25 j 20:44 | 21° \mathcal{II} 01'58 | 0°33'54 |
| | -1692 Jun 13 j 07:13 | 30° $\mathcal{R}\mathcal{J}$ | | min. Earth dist. | -1687 Dec 25 j 16:40 | 21° \mathcal{II} 03'19 | 4.33325 AU |
| opposition | -1692 Jul 05 j 06:50 | 27° \mathcal{J} 17'24 | -0°46'10 | direct | -1686 Feb 24 j 21:49 | 15° \mathcal{II} 58'43 | |
| min. Earth dist. | -1692 Jul 05 j 07:20 | 27° \mathcal{J} 17'14 | 4.04318 AU | | -1686 Jun 13 j 15:04 | 0° \mathcal{D} | |
| direct | -1692 Sep 02 j 14:15 | 22° \mathcal{J} 24'04 | | evening set | -1686 Jul 02 j 08:04 | 3° \mathcal{D} 59'33 | |
| | -1692 Nov 13 j 06:48 | 0° \mathcal{Z} | | | | | |
| evening set | -1691 Jan 05 j 03:33 | 11° \mathcal{Z} 37'35 | | conjunction | -1686 Jul 15 j 17:19 | 6° \mathcal{D} 54'48 | 0°42'16 |
| | | | | minimum elong | -1686 Jul 15 j 17:17 | 6° \mathcal{D} 54'47 | 0°42'17 |
| conjunction | -1691 Jan 18 j 04:04 | 14° \mathcal{Z} 44'38 | -0°50'10 | max. Earth dist. | -1686 Jul 15 j 10:21 | 6° \mathcal{D} 50'59 | 6.37545 AU |
| minimum elong | -1691 Jan 18 j 04:01 | 14° \mathcal{Z} 44'36 | 0°50'11 | morning rise | -1686 Jul 28 j 23:42 | 9° \mathcal{D} 48'32 | |
| max. Earth dist. | -1691 Jan 18 j 18:10 | 14° \mathcal{Z} 53'06 | 6.00735 AU | retrograde | -1686 Nov 26 j 19:48 | 26° \mathcal{D} 54'19 | |
| morning rise | -1691 Jan 31 j 07:21 | 17° \mathcal{Z} 53'19 | | opposition | -1685 Jan 25 j 21:05 | 21° \mathcal{D} 59'15 | 1°23'30 |
| | -1691 Mar 27 j 11:04 | 0° \approx | | min. Earth dist. | -1685 Jan 26 j 09:13 | 21° \mathcal{D} 55'17 | 4.40421 AU |
| retrograde | -1691 Jun 12 j 07:23 | 8° \approx 14'20 | | direct | -1685 Mar 28 j 23:13 | 16° \mathcal{D} 55'53 | |
| opposition | -1691 Aug 11 j 12:01 | 3° \approx 12'25 | -1°38'13 | | -1685 Jul 12 j 01:50 | 0° \mathcal{Q} | |
| min. Earth dist. | -1691 Aug 10 j 17:06 | 3° \approx 18'44 | 3.98964 AU | evening set | -1685 Aug 03 j 08:30 | 4° \mathcal{Q} 42'40 | |
| | -1691 Sep 06 j 18:05 | 30° $\mathcal{R}\mathcal{Z}$ | | max. Earth dist. | -1685 Aug 15 j 03:50 | 7° \mathcal{Q} 16'42 | 6.41677 AU |
| direct | -1691 Oct 08 j 17:42 | 28° \mathcal{Z} 18'48 | | | | | |
| | -1691 Nov 09 j 12:37 | 0° \approx | | conjunction | -1685 Aug 16 j 09:00 | 7° \mathcal{Q} 32'37 | 1°08'57 |
| | -1690 Jan 29 j 21:20 | 15° \approx | | minimum elong | -1685 Aug 16 j 08:58 | 7° \mathcal{Q} 32'36 | 1°08'59 |
| evening set | -1690 Feb 10 j 15:26 | 17° \approx 46'22 | | morning rise | -1685 Aug 29 j 06:16 | 10° \mathcal{Q} 21'01 | |
| | | | | | -1685 Sep 20 j 04:10 | 15° \mathcal{Q} | |
| conjunction | -1690 Feb 23 j 23:14 | 20° \approx 57'25 | -1°13'48 | retrograde | -1685 Dec 27 j 10:41 | 27° \mathcal{Q} 15'05 | |
| minimum elong | -1690 Feb 23 j 23:13 | 20° \approx 57'24 | 1°13'49 | opposition | -1684 Feb 25 j 21:14 | 22° \mathcal{Q} 22'38 | 1°49'18 |
| max. Earth dist. | -1690 Feb 25 j 13:55 | 21° \approx 20'34 | 5.98985 AU | min. Earth dist. | -1684 Feb 26 j 23:22 | 22° \mathcal{Q} 14'15 | 4.41476 AU |
| morning rise | -1690 Mar 09 j 10:29 | 24° \approx 10'11 | | direct | -1684 Apr 28 j 13:15 | 17° \mathcal{Q} 20'28 | |
| | -1690 Apr 03 j 14:56 | 0° \mathcal{H} | | | -1684 Aug 09 j 11:13 | 0° \mathcal{H} | |
| retrograde | -1690 Jul 19 j 11:09 | 14° \mathcal{H} 34'03 | | evening set | -1684 Sep 02 j 10:26 | 5° \mathcal{H} 06'09 | |
| min. Earth dist. | -1690 Sep 15 j 23:46 | 9° \mathcal{H} 39'48 | 4.01162 AU | max. Earth dist. | -1684 Sep 13 j 07:58 | 7° \mathcal{H} 29'50 | 6.39458 AU |
| opposition | -1690 Sep 17 j 06:47 | 9° \mathcal{H} 29'15 | -1°52'28 | | | | |
| direct | -1690 Nov 14 j 05:22 | 4° \mathcal{H} 33'19 | | conjunction | -1684 Sep 15 j 03:50 | 7° \mathcal{H} 54'01 | 1°16'25 |
| evening set | -1689 Mar 19 j 20:52 | 23° \mathcal{H} 54'02 | | minimum elong | -1684 Sep 15 j 03:50 | 7° \mathcal{H} 54'01 | 1°16'25 |
| | | | | morning rise | -1684 Sep 27 j 18:47 | 10° \mathcal{H} 40'45 | |
| conjunction | -1689 Apr 02 j 11:58 | 27° \mathcal{H} 05'38 | -1°09'07 | retrograde | -1683 Jan 26 j 21:19 | 27° \mathcal{H} 49'51 | |
| minimum elong | -1689 Apr 02 j 12:01 | 27° \mathcal{H} 05'39 | 1°09'07 | opposition | -1683 Mar 28 j 16:10 | 22° \mathcal{H} 58'16 | 1°45'16 |
| max. Earth dist. | -1689 Apr 04 j 14:54 | 27° \mathcal{H} 35'31 | 6.04836 AU | min. Earth dist. | -1683 Mar 30 j 01:09 | 22° \mathcal{H} 47'46 | 4.36190 AU |
| | -1689 Apr 14 j 21:57 | 0° \mathcal{Y} | | direct | -1683 May 30 j 05:24 | 17° \mathcal{H} 58'12 | |
| morning rise | -1689 Apr 16 j 05:17 | 0° \mathcal{Y} 18'13 | | | -1683 Sep 05 j 22:07 | 0° \mathcal{D} | |
| retrograde | -1689 Aug 24 j 01:22 | 20° \mathcal{Y} 01'56 | | evening set | -1683 Oct 03 j 08:31 | 5° \mathcal{D} 55'47 | |
| min. Earth dist. | -1689 Oct 21 j 07:43 | 15° \mathcal{Y} 07'09 | 4.09999 AU | max. Earth dist. | -1683 Oct 14 j 02:26 | 8° \mathcal{D} 20'29 | 6.31478 AU |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 20

Attention, astronomical year style is used: The year -1683 in astronomical counting style is the year 1684 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| conjunction | -1683 Oct 15 j 22:47 | 8°♌45'27 | 1°02'25 | morning rise | -1677 Apr 21 j 09:08 | 5°♏18'45 | |
| minimum elong | -1683 Oct 15 j 22:49 | 8°♌45'29 | 1°02'24 | retrograde | -1677 Aug 28 j 18:22 | 24°♏55'05 | |
| morning rise | -1683 Oct 28 j 11:30 | 11°♌34'36 | | min. Earth dist. | -1677 Oct 26 j 00:54 | 20°♏00'30 | 4.11413 AU |
| retrograde | -1682 Feb 28 j 21:13 | 29°♌22'48 | | opposition | -1677 Oct 27 j 06:46 | 19°♏50'19 | -1°17'28 |
| opposition | -1682 Apr 30 j 21:11 | 24°♌30'25 | 1°10'30 | direct | -1677 Dec 24 j 22:11 | 14°♏50'46 | |
| min. Earth dist. | -1682 May 02 j 03:12 | 24°♌20'52 | 4.25950 AU | | -1676 Apr 12 j 19:46 | 0°♏ | |
| direct | -1682 Jul 01 j 15:29 | 19°♌33'07 | | evening set | -1676 Apr 29 j 12:53 | 3°♏43'44 | |
| | -1682 Sep 28 j 21:09 | 0°♌ | | | | | |
| evening set | -1682 Nov 03 j 23:33 | 7°♌53'37 | | conjunction | -1676 May 13 j 07:33 | 6°♏51'24 | -0°33'53 |
| max. Earth dist. | -1682 Nov 15 j 03:49 | 10°♌28'18 | 6.19855 AU | minimum elong | -1676 May 13 j 07:35 | 6°♏51'25 | 0°33'52 |
| | | | | max. Earth dist. | -1676 May 14 j 22:16 | 7°♏13'25 | 6.17404 AU |
| conjunction | -1682 Nov 16 j 14:24 | 10°♌48'19 | 0°29'18 | morning rise | -1676 May 27 j 02:26 | 9°♏58'53 | |
| minimum elong | -1682 Nov 16 j 14:26 | 10°♌48'20 | 0°29'17 | | -1676 Jun 18 j 20:38 | 15°♏ | |
| morning rise | -1682 Nov 29 j 05:37 | 13°♌43'24 | | retrograde | -1676 Sep 29 j 23:47 | 28°♏32'37 | |
| | -1682 Dec 04 j 19:22 | 15°♌ | | opposition | -1676 Nov 28 j 11:41 | 23°♏30'31 | -0°19'14 |
| | -1681 Feb 23 j 08:07 | 0°♌ | | min. Earth dist. | -1676 Nov 27 j 17:58 | 23°♏36'30 | 4.23520 AU |
| retrograde | -1681 Apr 04 j 22:33 | 2°♌28'26 | | direct | -1675 Jan 27 j 09:09 | 18°♏28'25 | |
| | -1681 May 15 j 23:18 | 30°♌ | | asc. node | -1675 Mar 29 j 11:58 | 23°♏49'10 | |
| opposition | -1681 Jun 04 j 20:57 | 27°♌33'33 | 0°11'27 | | -1675 May 02 j 08:43 | 0°♏ | |
| min. Earth dist. | -1681 Jun 05 j 14:14 | 27°♌27'59 | 4.13668 AU | evening set | -1675 Jun 03 j 14:01 | 6°♏51'31 | |
| direct | -1681 Aug 04 j 09:12 | 22°♌38'52 | | | | | |
| desc. node | -1681 Aug 12 j 06:42 | 22°♌44'55 | | conjunction | -1675 Jun 17 j 05:45 | 9°♏52'50 | 0°08'36 |
| | -1681 Oct 14 j 22:56 | 0°♌ | | minimum elong | -1675 Jun 17 j 05:44 | 9°♏52'50 | 0°08'38 |
| evening set | -1681 Dec 07 j 01:54 | 11°♌28'22 | | behind sun begin | -1675 Jun 16 j 22:34 | 9°♏48'53 | |
| | | | | behind sun end | -1675 Jun 17 j 12:53 | 9°♏56'47 | |
| conjunction | -1681 Dec 19 j 21:01 | 14°♌29'52 | -0°14'42 | max. Earth dist. | -1675 Jun 17 j 22:12 | 10°♏01'57 | 6.29370 AU |
| minimum elong | -1681 Dec 19 j 21:00 | 14°♌29'51 | 0°14'44 | morning rise | -1675 Jun 30 j 19:33 | 12°♏53'02 | |
| behind sun begin | -1681 Dec 19 j 17:29 | 14°♌27'47 | | | -1675 Oct 13 j 15:34 | 0°♏ | |
| behind sun end | -1681 Dec 20 j 00:31 | 14°♌31'56 | | retrograde | -1675 Oct 31 j 11:24 | 0°♏30'54 | |
| max. Earth dist. | -1681 Dec 19 j 10:06 | 14°♌23'25 | 6.08065 AU | | -1675 Nov 18 j 05:55 | 30°♏ | |
| morning rise | -1680 Jan 01 j 17:48 | 17°♌32'30 | | opposition | -1675 Dec 30 j 05:24 | 25°♏32'41 | 0°41'54 |
| | -1680 Feb 28 j 16:41 | 0°♌ | | min. Earth dist. | -1675 Dec 30 j 02:43 | 25°♏33'34 | 4.34358 AU |
| retrograde | -1680 May 10 j 19:07 | 7°♌17'12 | | direct | -1674 Mar 01 j 08:50 | 20°♏29'23 | |
| opposition | -1680 Jul 10 j 09:55 | 2°♌18'42 | -0°54'53 | | -1674 May 26 j 17:15 | 0°♏ | |
| min. Earth dist. | -1680 Jul 10 j 07:40 | 2°♌19'26 | 4.03400 AU | evening set | -1674 Jul 06 j 21:41 | 8°♏28'28 | |
| | -1680 Jul 28 j 18:50 | 30°♌ | | | | | |
| direct | -1680 Sep 07 j 13:02 | 27°♌25'30 | | conjunction | -1674 Jul 20 j 05:43 | 11°♏22'56 | 0°46'58 |
| | -1680 Oct 17 j 13:16 | 0°♌ | | minimum elong | -1674 Jul 20 j 05:41 | 11°♏22'55 | 0°47'01 |
| evening set | -1679 Jan 10 j 02:32 | 16°♌41'13 | | max. Earth dist. | -1674 Jul 19 j 19:15 | 11°♏17'13 | 6.38263 AU |
| | | | | morning rise | -1674 Aug 02 j 10:53 | 14°♏15'53 | |
| conjunction | -1679 Jan 23 j 03:47 | 19°♌48'52 | -0°54'51 | | -1674 Nov 02 j 02:17 | 0°♏ | |
| minimum elong | -1679 Jan 23 j 03:44 | 19°♌48'50 | 0°54'53 | retrograde | -1674 Dec 01 j 04:04 | 1°♏19'08 | |
| max. Earth dist. | -1679 Jan 23 j 20:20 | 19°♌58'48 | 6.00222 AU | | -1674 Dec 30 j 03:22 | 30°♏ | |
| morning rise | -1679 Feb 05 j 08:14 | 22°♌58'14 | | opposition | -1673 Jan 30 j 05:29 | 26°♏24'34 | 1°28'45 |
| | -1679 Mar 07 j 19:51 | 0°♌ | | min. Earth dist. | -1673 Jan 30 j 20:08 | 26°♏19'47 | 4.40808 AU |
| retrograde | -1679 Jun 17 j 10:33 | 13°♌21'44 | | direct | -1673 Apr 02 j 10:44 | 21°♏21'22 | |
| opposition | -1679 Aug 16 j 14:40 | 8°♌19'19 | -1°42'46 | | -1673 Jun 23 j 20:34 | 0°♏ | |
| min. Earth dist. | -1679 Aug 15 j 17:14 | 8°♌26'30 | 3.98929 AU | evening set | -1673 Aug 07 j 18:34 | 9°♏07'35 | |
| direct | -1679 Oct 13 j 17:58 | 3°♌25'28 | | max. Earth dist. | -1673 Aug 19 j 10:18 | 11°♏39'47 | 6.41703 AU |
| | -1678 Jan 12 j 07:10 | 15°♌ | | | | | |
| evening set | -1678 Feb 15 j 17:53 | 22°♌53'07 | | conjunction | -1673 Aug 20 j 17:57 | 11°♏57'04 | 1°11'15 |
| | | | | minimum elong | -1673 Aug 20 j 17:55 | 11°♏57'03 | 1°11'16 |
| conjunction | -1678 Mar 01 j 02:54 | 26°♌04'28 | -1°14'53 | morning rise | -1673 Sep 02 j 14:11 | 14°♏45'02 | |
| minimum elong | -1678 Mar 01 j 02:53 | 26°♌04'27 | 1°14'53 | | -1673 Sep 03 j 17:47 | 15°♏ | |
| max. Earth dist. | -1678 Mar 02 j 21:02 | 26°♌29'38 | 5.99429 AU | | -1673 Nov 28 j 21:23 | 0°♏ | |
| morning rise | -1678 Mar 14 j 14:57 | 29°♌17'23 | | retrograde | -1673 Dec 31 j 19:07 | 1°♏39'39 | |
| | -1678 Mar 17 j 15:06 | 0°♌ | | | -1672 Feb 02 j 20:22 | 30°♏ | |
| retrograde | -1678 Jul 24 j 12:24 | 19°♌37'56 | | opposition | -1672 Mar 01 j 07:13 | 26°♏47'23 | 1°50'36 |
| min. Earth dist. | -1678 Sep 20 j 23:07 | 14°♌43'25 | 4.02035 AU | min. Earth dist. | -1672 Mar 02 j 09:54 | 26°♏38'49 | 4.41188 AU |
| opposition | -1678 Sep 22 j 05:42 | 14°♌33'00 | -1°50'53 | direct | -1672 May 02 j 23:10 | 21°♏45'29 | |
| direct | -1678 Nov 19 j 05:40 | 9°♌36'41 | | | -1672 Jul 22 j 02:48 | 0°♏ | |
| evening set | -1677 Mar 24 j 23:17 | 28°♌55'03 | | evening set | -1672 Sep 06 j 18:46 | 9°♏31'37 | |
| | -1677 Mar 29 j 14:46 | 0°♏ | | max. Earth dist. | -1672 Sep 17 j 16:48 | 11°♏55'49 | 6.38893 AU |
| | | | | | | | |
| conjunction | -1677 Apr 07 j 15:06 | 2°♏06'26 | -1°06'15 | conjunction | -1672 Sep 19 j 11:30 | 12°♏19'25 | 1°15'44 |
| minimum elong | -1677 Apr 07 j 15:09 | 2°♏06'28 | 1°06'14 | minimum elong | -1672 Sep 19 j 11:31 | 12°♏19'26 | 1°15'45 |
| max. Earth dist. | -1677 Apr 09 j 17:21 | 2°♏35'48 | 6.06045 AU | morning rise | -1672 Oct 02 j 01:42 | 15°♏06'07 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 21

Attention, astronomical year style is used: The year -1672 in astronomical counting style is the year 1673 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| | -1672 Dec 23 j 04:40 | 0°♏ | | retrograde | -1666 Jul 29 j 08:50 | 24°♐34'14 | |
| retrograde | -1671 Jan 31 j 09:05 | 2°♏18'16 | | min. Earth dist. | -1666 Sep 25 j 17:46 | 19°♐39'58 | 4.02668 AU |
| | -1671 Mar 12 j 00:20 | 30°♐♑ | | opposition | -1666 Sep 27 j 01:23 | 19°♐29'12 | -1°48'35 |
| opposition | -1671 Apr 02 j 05:24 | 27°♐26'40 | 1°42'09 | direct | -1666 Nov 24 j 01:13 | 14°♐32'27 | |
| min. Earth dist. | -1671 Apr 03 j 14:11 | 27°♐16'15 | 4.35384 AU | | -1665 Mar 13 j 06:34 | 0°♑ | |
| direct | -1671 Jun 03 j 17:35 | 22°♐27'00 | | evening set | -1665 Mar 29 j 23:31 | 3°♑49'37 | |
| | -1671 Aug 18 j 03:50 | 0°♏ | | | | | |
| evening set | -1671 Oct 07 j 16:56 | 10°♏25'43 | | conjunction | -1665 Apr 12 j 16:05 | 7°♑00'56 | -1°02'59 |
| max. Earth dist. | -1671 Oct 18 j 10:22 | 12°♏50'33 | 6.30490 AU | minimum elong | -1665 Apr 12 j 16:09 | 7°♑00'58 | 1°02'58 |
| | | | | max. Earth dist. | -1665 Apr 14 j 16:55 | 7°♑29'25 | 6.06979 AU |
| conjunction | -1671 Oct 20 j 06:51 | 13°♏15'40 | 0°58'50 | morning rise | -1665 Apr 26 j 10:38 | 10°♑13'03 | |
| minimum elong | -1671 Oct 20 j 06:53 | 13°♏15'41 | 0°58'49 | retrograde | -1665 Sep 02 j 11:03 | 29°♑43'13 | |
| morning rise | -1671 Nov 01 j 19:44 | 16°♏05'15 | | opposition | -1665 Oct 31 j 22:03 | 24°♑38'40 | -1°10'30 |
| | -1670 Jan 12 j 07:23 | 0°♒ | | min. Earth dist. | -1665 Oct 30 j 18:09 | 24°♑48'11 | 4.12533 AU |
| retrograde | -1670 Mar 05 j 13:54 | 3°♒58'41 | | direct | -1665 Dec 29 j 17:17 | 19°♑38'43 | |
| | -1670 Apr 28 j 12:07 | 30°♒♓ | | | -1664 Mar 26 j 01:36 | 0°♒ | |
| opposition | -1670 May 05 j 14:41 | 29°♓05'58 | 1°03'30 | evening set | -1664 May 04 j 10:39 | 8°♓29'21 | |
| min. Earth dist. | -1670 May 06 j 19:21 | 28°♓56'49 | 4.24823 AU | | | | |
| direct | -1670 Jul 06 j 06:19 | 24°♓08'59 | | conjunction | -1664 May 18 j 05:30 | 11°♓36'31 | -0°28'18 |
| | -1670 Sep 08 j 14:37 | 0°♒ | | minimum elong | -1664 May 18 j 05:32 | 11°♓36'33 | 0°28'17 |
| evening set | -1670 Nov 08 j 10:00 | 12°♒31'15 | | max. Earth dist. | -1664 May 19 j 19:04 | 11°♓57'49 | 6.18649 AU |
| | -1670 Nov 19 j 03:29 | 15°♒ | | morning rise | -1664 Jun 01 j 00:03 | 14°♓43'22 | |
| max. Earth dist. | -1670 Nov 19 j 18:16 | 15°♒08'34 | 6.18699 AU | | -1664 Jun 02 j 05:41 | 15°♓ | |
| | | | | | -1664 Aug 20 j 00:45 | 0°♐ | |
| conjunction | -1670 Nov 21 j 01:19 | 15°♒26'34 | 0°23'39 | retrograde | -1664 Oct 04 j 10:14 | 3°♐10'08 | |
| minimum elong | -1670 Nov 21 j 01:20 | 15°♒26'35 | 0°23'38 | | -1664 Nov 18 j 20:07 | 30°♒♓ | |
| morning rise | -1670 Dec 03 j 16:53 | 18°♒22'20 | | opposition | -1664 Dec 02 j 22:50 | 28°♓08'31 | -0°10'31 |
| | -1669 Jan 27 j 16:31 | 0°♓ | | min. Earth dist. | -1664 Dec 02 j 05:54 | 28°♓14'14 | 4.24779 AU |
| retrograde | -1669 Apr 09 j 19:30 | 7°♓13'40 | | direct | -1663 Jan 31 j 22:42 | 23°♓06'14 | |
| opposition | -1669 Jun 09 j 18:11 | 2°♓18'21 | 0°02'21 | asc. node | -1663 Feb 06 j 23:09 | 23°♓09'43 | |
| min. Earth dist. | -1669 Jun 10 j 09:30 | 2°♓13'25 | 4.12566 AU | | -1663 Apr 12 j 15:37 | 0°♐ | |
| desc. node | -1669 Jun 23 j 17:08 | 0°♓32'45 | | evening set | -1663 Jun 08 j 07:32 | 11°♐26'44 | |
| | -1669 Jun 28 j 09:03 | 30°♒♒ | | | | | |
| direct | -1669 Aug 09 j 02:44 | 27°♒23'56 | | conjunction | -1663 Jun 21 j 22:19 | 14°♐27'11 | 0°14'26 |
| | -1669 Sep 19 j 00:50 | 0°♓ | | minimum elong | -1663 Jun 21 j 22:18 | 14°♐27'11 | 0°14'27 |
| evening set | -1669 Dec 11 j 16:53 | 16°♓15'35 | | behind sun begin | -1663 Jun 21 j 18:52 | 14°♐25'17 | |
| | | | | behind sun end | -1663 Jun 22 j 01:44 | 14°♐29'04 | |
| conjunction | -1669 Dec 24 j 12:27 | 19°♓17'43 | -0°20'42 | max. Earth dist. | -1663 Jun 22 j 10:31 | 14°♐33'55 | 6.30555 AU |
| minimum elong | -1669 Dec 24 j 12:25 | 19°♓17'42 | 0°20'44 | morning rise | -1663 Jul 05 j 11:15 | 17°♐26'29 | |
| max. Earth dist. | -1669 Dec 24 j 03:18 | 19°♓12'18 | 6.07101 AU | | -1663 Sep 07 j 12:27 | 0°♑ | |
| morning rise | -1668 Jan 06 j 10:14 | 22°♓21'10 | | retrograde | -1663 Nov 04 j 20:01 | 4°♑58'59 | |
| | -1668 Feb 09 j 02:53 | 0°♑ | | opposition | -1662 Jan 03 j 14:03 | 0°♑01'15 | 0°49'35 |
| retrograde | -1668 May 15 j 18:51 | 12°♑11'21 | | | -1662 Jan 03 j 17:50 | 30°♒♐ | |
| opposition | -1668 Jul 15 j 09:13 | 7°♑12'16 | -1°02'57 | min. Earth dist. | -1662 Jan 03 j 14:13 | 0°♑01'12 | 4.35377 AU |
| min. Earth dist. | -1668 Jul 15 j 04:19 | 7°♑13'53 | 4.02670 AU | direct | -1662 Mar 05 j 22:24 | 24°♐57'52 | |
| direct | -1668 Sep 12 j 08:43 | 2°♑19'00 | | | -1662 May 05 j 07:45 | 0°♑ | |
| evening set | -1667 Jan 14 j 22:15 | 21°♑36'35 | | evening set | -1662 Jul 11 j 10:18 | 12°♑54'48 | |
| | | | | | | | |
| conjunction | -1667 Jan 28 j 00:37 | 24°♑44'51 | -0°59'00 | conjunction | -1662 Jul 24 j 17:16 | 15°♑48'29 | 0°51'22 |
| minimum elong | -1667 Jan 28 j 00:34 | 24°♑44'49 | 0°59'02 | minimum elong | -1662 Jul 24 j 17:13 | 15°♑48'28 | 0°51'24 |
| max. Earth dist. | -1667 Jan 28 j 21:29 | 24°♑57'22 | 5.99792 AU | max. Earth dist. | -1662 Jul 24 j 04:54 | 15°♑41'45 | 6.39025 AU |
| morning rise | -1667 Feb 10 j 05:55 | 27°♑54'49 | | morning rise | -1662 Aug 06 j 21:01 | 18°♑40'35 | |
| | -1667 Feb 19 j 01:35 | 0°♒ | | | -1662 Oct 03 j 09:13 | 0°♒ | |
| | -1667 May 06 j 14:28 | 15°♒ | | retrograde | -1662 Dec 05 j 08:55 | 5°♒41'02 | |
| retrograde | -1667 Jun 22 j 12:03 | 18°♒20'24 | | opposition | -1661 Feb 03 j 13:00 | 0°♒46'48 | 1°33'27 |
| | -1667 Aug 08 j 14:22 | 15°♒♒ | | min. Earth dist. | -1661 Feb 04 j 04:30 | 0°♒41'45 | 4.41268 AU |
| opposition | -1667 Aug 21 j 13:43 | 13°♒17'34 | -1°46'24 | | -1661 Feb 09 j 13:39 | 30°♒♑ | |
| min. Earth dist. | -1667 Aug 20 j 15:53 | 13°♒24'54 | 3.98865 AU | direct | -1661 Apr 06 j 19:35 | 25°♑43'42 | |
| direct | -1667 Oct 18 j 15:58 | 8°♒23'28 | | | -1661 Jun 01 j 15:05 | 0°♒ | |
| | -1667 Dec 23 j 07:57 | 15°♒ | | evening set | -1661 Aug 12 j 03:20 | 13°♒28'52 | |
| evening set | -1666 Feb 20 j 17:19 | 27°♒51'32 | | | -1661 Aug 19 j 03:01 | 15°♒ | |
| | -1666 Mar 01 j 17:18 | 0°♐ | | max. Earth dist. | -1661 Aug 23 j 16:01 | 15°♒59'31 | 6.41793 AU |
| | | | | | | | |
| conjunction | -1666 Mar 06 j 03:16 | 1°♐03'11 | -1°15'24 | conjunction | -1661 Aug 25 j 01:32 | 16°♒17'50 | 1°13'07 |
| minimum elong | -1666 Mar 06 j 03:15 | 1°♐03'11 | 1°15'25 | minimum elong | -1661 Aug 25 j 01:30 | 16°♒17'49 | 1°13'08 |
| max. Earth dist. | -1666 Mar 07 j 22:15 | 1°♐28'48 | 5.99718 AU | morning rise | -1661 Sep 06 j 20:42 | 19°♒05'20 | |
| morning rise | -1666 Mar 19 j 16:28 | 4°♐16'26 | | | -1661 Oct 31 j 21:37 | 0°♑ | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 22

Attention, astronomical year style is used: The year -1660 in astronomical counting style is the year 1661 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---------------------------------|------------|------------------|----------------------|---|------------|
| retrograde | -1660 Jan 05 j 03:22 | 6° $\mathring{\text{M}}$ 00'22 | | | -1655 Sep 24 j 16:56 | 15° $\mathring{\text{R}}$ $\mathring{\text{A}}$ | |
| opposition | -1660 Mar 05 j 16:15 | 1° $\mathring{\text{M}}$ 08'19 | 1°51'15 | direct | -1655 Oct 23 j 16:57 | 13° $\mathring{\text{A}}$ 35'10 | |
| min. Earth dist. | -1660 Mar 06 j 20:54 | 0° $\mathring{\text{R}}$ 59'08 | 4.40877 AU | | -1655 Nov 21 j 16:50 | 15° $\mathring{\text{A}}$ | |
| | -1660 Mar 14 j 15:28 | 30° $\mathring{\text{R}}$ 02 | | | -1654 Feb 12 j 21:00 | 0° $\mathring{\text{H}}$ | |
| direct | -1660 May 07 j 09:58 | 26° $\mathring{\text{O}}$ 06'41 | | evening set | -1654 Feb 25 j 22:33 | 3° $\mathring{\text{H}}$ 03'49 | |
| | -1660 Jun 29 j 09:32 | 0° $\mathring{\text{M}}$ | | | | | |
| evening set | -1660 Sep 11 j 01:23 | 13° $\mathring{\text{M}}$ 53'16 | | conjunction | -1654 Mar 11 j 09:36 | 6° $\mathring{\text{H}}$ 15'45 | -1°15'22 |
| max. Earth dist. | -1660 Sep 21 j 20:54 | 16° $\mathring{\text{M}}$ 16'25 | 6.38166 AU | minimum elong | -1654 Mar 11 j 09:36 | 6° $\mathring{\text{H}}$ 15'45 | 1°15'23 |
| | | | | max. Earth dist. | -1654 Mar 13 j 06:44 | 6° $\mathring{\text{H}}$ 42'37 | 6.00188 AU |
| conjunction | -1660 Sep 23 j 17:28 | 16° $\mathring{\text{M}}$ 41'05 | 1°14'37 | morning rise | -1654 Mar 24 j 23:42 | 9° $\mathring{\text{H}}$ 29'11 | |
| minimum elong | -1660 Sep 23 j 17:29 | 16° $\mathring{\text{M}}$ 41'06 | 1°14'37 | retrograde | -1654 Aug 03 j 10:40 | 29° $\mathring{\text{H}}$ 42'53 | |
| morning rise | -1660 Oct 06 j 07:16 | 19° $\mathring{\text{M}}$ 27'54 | | min. Earth dist. | -1654 Sep 30 j 17:56 | 24° $\mathring{\text{H}}$ 48'30 | 4.03684 AU |
| | -1660 Nov 27 j 06:10 | 0° $\mathring{\text{O}}$ | | opposition | -1654 Oct 02 j 01:24 | 24° $\mathring{\text{H}}$ 37'45 | -1°45'22 |
| retrograde | -1659 Feb 04 j 20:06 | 6° $\mathring{\text{O}}$ 44'01 | | direct | -1654 Nov 29 j 03:38 | 19° $\mathring{\text{H}}$ 40'34 | |
| opposition | -1659 Apr 06 j 17:55 | 1° $\mathring{\text{O}}$ 52'20 | 1°38'29 | | -1653 Feb 22 j 19:10 | 0° $\mathring{\text{Y}}$ | |
| min. Earth dist. | -1659 Apr 08 j 02:23 | 1° $\mathring{\text{O}}$ 42'00 | 4.34270 AU | evening set | -1653 Apr 04 j 03:56 | 8° $\mathring{\text{Y}}$ 54'47 | |
| | -1659 Apr 21 j 20:10 | 30° $\mathring{\text{R}}$ 00 | | | | | |
| direct | -1659 Jun 08 j 03:52 | 26° $\mathring{\text{M}}$ 53'00 | | conjunction | -1653 Apr 17 j 21:15 | 12° $\mathring{\text{Y}}$ 05'45 | -0°59'10 |
| | -1659 Jul 24 j 20:02 | 0° $\mathring{\text{O}}$ | | minimum elong | -1653 Apr 17 j 21:18 | 12° $\mathring{\text{Y}}$ 05'47 | 0°59'10 |
| evening set | -1659 Oct 12 j 00:35 | 14° $\mathring{\text{O}}$ 54'05 | | max. Earth dist. | -1653 Apr 19 j 23:28 | 12° $\mathring{\text{Y}}$ 34'55 | 6.08484 AU |
| max. Earth dist. | -1659 Oct 22 j 20:03 | 17° $\mathring{\text{O}}$ 20'30 | 6.29080 AU | morning rise | -1653 May 01 j 16:05 | 15° $\mathring{\text{Y}}$ 17'18 | |
| | | | | | -1653 Jul 13 j 13:51 | 0° $\mathring{\text{B}}$ | |
| conjunction | -1659 Oct 24 j 14:33 | 17° $\mathring{\text{O}}$ 44'35 | 0°54'53 | retrograde | -1653 Sep 07 j 04:21 | 4° $\mathring{\text{B}}$ 38'26 | |
| minimum elong | -1659 Oct 24 j 14:35 | 17° $\mathring{\text{O}}$ 44'36 | 0°54'53 | | -1653 Nov 02 j 11:49 | 30° $\mathring{\text{R}}$ 00 | |
| morning rise | -1659 Nov 06 j 03:24 | 20° $\mathring{\text{O}}$ 34'48 | | min. Earth dist. | -1653 Nov 04 j 11:56 | 29° $\mathring{\text{Y}}$ 43'38 | 4.14376 AU |
| | -1659 Dec 20 j 15:18 | 0° $\mathring{\text{M}}$ | | opposition | -1653 Nov 05 j 15:44 | 29° $\mathring{\text{Y}}$ 34'10 | -1°02'54 |
| retrograde | -1658 Mar 10 j 07:35 | 8° $\mathring{\text{M}}$ 35'12 | | direct | -1652 Jan 03 j 13:42 | 24° $\mathring{\text{Y}}$ 33'53 | |
| opposition | -1658 May 10 j 08:25 | 3° $\mathring{\text{M}}$ 42'16 | 0°56'03 | | -1652 Mar 04 j 07:14 | 0° $\mathring{\text{B}}$ | |
| min. Earth dist. | -1658 May 11 j 12:29 | 3° $\mathring{\text{M}}$ 33'19 | 4.23187 AU | evening set | -1652 May 09 j 10:04 | 13° $\mathring{\text{B}}$ 19'14 | |
| | -1658 Jun 12 j 06:43 | 30° $\mathring{\text{R}}$ 00 | | | -1652 May 16 j 21:12 | 15° $\mathring{\text{B}}$ | |
| direct | -1658 Jul 10 j 21:04 | 28° $\mathring{\text{O}}$ 45'42 | | | | | |
| | -1658 Aug 08 j 06:45 | 0° $\mathring{\text{M}}$ | | conjunction | -1652 May 23 j 04:27 | 16° $\mathring{\text{B}}$ 25'22 | -0°22'31 |
| | -1658 Nov 03 j 07:27 | 15° $\mathring{\text{M}}$ | | minimum elong | -1652 May 23 j 04:29 | 16° $\mathring{\text{B}}$ 25'23 | 0°22'28 |
| evening set | -1658 Nov 12 j 21:52 | 17° $\mathring{\text{M}}$ 11'52 | | max. Earth dist. | -1652 May 24 j 14:15 | 16° $\mathring{\text{B}}$ 44'26 | 6.20683 AU |
| max. Earth dist. | -1658 Nov 24 j 07:13 | 19° $\mathring{\text{M}}$ 50'29 | 6.16975 AU | morning rise | -1652 Jun 05 j 22:36 | 19° $\mathring{\text{B}}$ 31'05 | |
| | | | | | -1652 Jul 26 j 06:58 | 0° $\mathring{\text{II}}$ | |
| conjunction | -1658 Nov 25 j 13:28 | 20° $\mathring{\text{M}}$ 08'05 | 0°17'47 | retrograde | -1652 Oct 08 j 20:13 | 7° $\mathring{\text{II}}$ 48'04 | |
| minimum elong | -1658 Nov 25 j 13:30 | 20° $\mathring{\text{M}}$ 08'06 | 0°17'45 | opposition | -1652 Dec 07 j 09:59 | 2° $\mathring{\text{II}}$ 46'52 | -0°01'47 |
| morning rise | -1658 Dec 08 j 05:54 | 23° $\mathring{\text{M}}$ 04'55 | | min. Earth dist. | -1652 Dec 06 j 19:33 | 2° $\mathring{\text{II}}$ 51'44 | 4.26811 AU |
| | -1657 Jan 08 j 04:35 | 0° $\mathring{\text{J}}$ | | asc. node | -1652 Dec 18 j 15:25 | 1° $\mathring{\text{II}}$ 17'41 | |
| retrograde | -1657 Apr 14 j 19:29 | 12° $\mathring{\text{J}}$ 04'57 | | | -1652 Dec 29 j 09:54 | 30° $\mathring{\text{R}}$ 00 | |
| desc. node | -1657 May 04 j 04:29 | 11° $\mathring{\text{J}}$ 29'54 | | direct | -1651 Feb 05 j 15:58 | 27° $\mathring{\text{B}}$ 44'17 | |
| opposition | -1657 Jun 14 j 17:38 | 7° $\mathring{\text{J}}$ 09'11 | -0°07'00 | | -1651 Mar 16 j 09:13 | 0° $\mathring{\text{II}}$ | |
| min. Earth dist. | -1657 Jun 15 j 06:03 | 7° $\mathring{\text{J}}$ 05'10 | 4.10880 AU | evening set | -1651 Jun 12 j 23:34 | 15° $\mathring{\text{II}}$ 59'21 | |
| direct | -1657 Aug 13 j 21:09 | 2° $\mathring{\text{J}}$ 14'59 | | | | | |
| evening set | -1657 Dec 16 j 10:56 | 21° $\mathring{\text{J}}$ 11'10 | | conjunction | -1651 Jun 26 j 13:31 | 18° $\mathring{\text{II}}$ 58'38 | 0°20'05 |
| | | | | minimum elong | -1651 Jun 26 j 13:30 | 18° $\mathring{\text{II}}$ 58'37 | 0°20'06 |
| conjunction | -1657 Dec 29 j 07:30 | 24° $\mathring{\text{J}}$ 14'21 | -0°26'46 | max. Earth dist. | -1651 Jun 26 j 23:40 | 19° $\mathring{\text{II}}$ 04'13 | 6.32431 AU |
| minimum elong | -1657 Dec 29 j 07:28 | 24° $\mathring{\text{J}}$ 14'20 | 0°26'47 | morning rise | -1651 Jul 10 j 01:03 | 21° $\mathring{\text{II}}$ 56'36 | |
| max. Earth dist. | -1657 Dec 29 j 03:14 | 24° $\mathring{\text{J}}$ 11'49 | 6.05617 AU | | -1651 Aug 17 j 16:54 | 0° $\mathring{\text{O}}$ | |
| morning rise | -1656 Jan 11 j 06:07 | 27° $\mathring{\text{J}}$ 18'52 | | retrograde | -1651 Nov 08 j 23:35 | 9° $\mathring{\text{O}}$ 21'35 | |
| | -1656 Jan 22 j 17:15 | 0° $\mathring{\text{B}}$ | | opposition | -1650 Jan 07 j 20:15 | 4° $\mathring{\text{O}}$ 24'21 | 0°56'45 |
| retrograde | -1656 May 21 j 01:32 | 17° $\mathring{\text{B}}$ 16'35 | | min. Earth dist. | -1650 Jan 07 j 22:02 | 4° $\mathring{\text{O}}$ 23'46 | 4.36960 AU |
| opposition | -1656 Jul 20 j 12:52 | 12° $\mathring{\text{B}}$ 17'01 | -1°10'53 | | -1650 Feb 17 j 20:07 | 30° $\mathring{\text{R}}$ 00 | |
| min. Earth dist. | -1656 Jul 20 j 06:16 | 12° $\mathring{\text{B}}$ 19'12 | 4.01544 AU | direct | -1650 Mar 10 j 08:14 | 29° $\mathring{\text{II}}$ 20'55 | |
| direct | -1656 Sep 17 j 08:37 | 7° $\mathring{\text{B}}$ 23'48 | | | -1650 Mar 31 j 02:57 | 0° $\mathring{\text{O}}$ | |
| evening set | -1655 Jan 19 j 23:19 | 26° $\mathring{\text{B}}$ 44'46 | | evening set | -1650 Jul 15 j 19:38 | 17° $\mathring{\text{O}}$ 13'52 | |
| | | | | max. Earth dist. | -1650 Jul 28 j 07:57 | 19° $\mathring{\text{O}}$ 57'09 | 6.40167 AU |
| conjunction | -1655 Feb 02 j 02:35 | 29° $\mathring{\text{B}}$ 53'47 | -1°02'53 | | | | |
| minimum elong | -1655 Feb 02 j 02:33 | 29° $\mathring{\text{B}}$ 53'46 | 1°02'54 | conjunction | -1650 Jul 29 j 01:09 | 20° $\mathring{\text{O}}$ 06'32 | 0°55'19 |
| | -1655 Feb 02 j 12:56 | 0° $\mathring{\text{A}}$ | | minimum elong | -1650 Jul 29 j 01:06 | 20° $\mathring{\text{O}}$ 06'30 | 0°55'21 |
| max. Earth dist. | -1655 Feb 03 j 02:04 | 0° $\mathring{\text{A}}$ 07'53 | 5.99113 AU | morning rise | -1650 Aug 11 j 03:44 | 22° $\mathring{\text{O}}$ 57'38 | |
| morning rise | -1655 Feb 15 j 09:11 | 3° $\mathring{\text{A}}$ 04'34 | | | -1650 Sep 14 j 00:05 | 0° $\mathring{\text{O}}$ | |
| | -1655 Apr 10 j 10:51 | 15° $\mathring{\text{A}}$ | | retrograde | -1650 Dec 09 j 12:42 | 9° $\mathring{\text{O}}$ 54'33 | |
| retrograde | -1655 Jun 27 j 16:42 | 23° $\mathring{\text{A}}$ 32'42 | | opposition | -1649 Feb 07 j 17:35 | 5° $\mathring{\text{O}}$ 00'40 | 1°37'26 |
| opposition | -1655 Aug 26 j 17:23 | 18° $\mathring{\text{A}}$ 29'30 | -1°49'24 | min. Earth dist. | -1649 Feb 08 j 12:27 | 4° $\mathring{\text{O}}$ 54'33 | 4.41903 AU |
| min. Earth dist. | -1655 Aug 25 j 16:38 | 18° $\mathring{\text{A}}$ 37'50 | 3.98752 AU | | -1649 Apr 06 j 01:12 | 30° $\mathring{\text{R}}$ 00 | |

Attention, astronomical year style is used: The year -1649 in astronomical counting style is the year 1650 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|--------------------------|------------|------------------|----------------------|-----------------------------------|------------|
| direct | -1649 Apr 11 j 04:22 | 29° \mathfrak{D} 57'37 | | max. Earth dist. | -1643 Feb 08 j 12:24 | 5° \approx 26'22 | 5.98505 AU |
| | -1649 Apr 16 j 07:27 | 0° \mathcal{O} | | morning rise | -1643 Feb 20 j 15:43 | 8° \approx 20'52 | |
| | -1649 Aug 03 j 19:07 | 15° \mathcal{O} | | | -1643 Mar 21 j 09:35 | 15° \approx | |
| evening set | -1649 Aug 16 j 07:55 | 17° \mathcal{O} 41'13 | | retrograde | -1643 Jul 03 j 00:59 | 28° \approx 50'43 | |
| max. Earth dist. | -1649 Aug 27 j 17:20 | 20° \mathcal{O} 10'08 | 6.41843 AU | opposition | -1643 Aug 31 j 23:30 | 23° \approx 47'01 | -1°51'30 |
| | | | | min. Earth dist. | -1643 Aug 30 j 21:09 | 23° \approx 55'56 | 3.98868 AU |
| conjunction | -1649 Aug 29 j 05:12 | 20° \mathcal{O} 29'44 | 1°14'31 | direct | -1643 Oct 28 j 23:06 | 18° \approx 52'21 | |
| minimum elong | -1649 Aug 29 j 05:10 | 20° \mathcal{O} 29'43 | 1°14'33 | | -1642 Jan 25 j 11:44 | 0° \mathfrak{H} | |
| morning rise | -1649 Sep 10 j 23:19 | 23° \mathcal{O} 16'49 | | evening set | -1642 Mar 03 j 05:53 | 8° \mathfrak{H} 20'19 | |
| | -1649 Oct 13 j 01:54 | 0° \mathfrak{M} | | | | | |
| retrograde | -1648 Jan 09 j 06:33 | 10° \mathfrak{M} 12'47 | | conjunction | -1642 Mar 16 j 18:03 | 11° \mathfrak{H} 32'22 | -1°14'42 |
| opposition | -1648 Mar 09 j 22:01 | 5° \mathfrak{M} 20'50 | 1°51'17 | minimum elong | -1642 Mar 16 j 18:04 | 11° \mathfrak{H} 32'23 | 1°14'43 |
| min. Earth dist. | -1648 Mar 11 j 03:25 | 5° \mathfrak{M} 11'25 | 4.40352 AU | max. Earth dist. | -1642 Mar 18 j 18:59 | 12° \mathfrak{H} 01'24 | 6.00988 AU |
| direct | -1648 May 11 j 14:56 | 0° \mathfrak{M} 19'22 | | morning rise | -1642 Mar 30 j 09:02 | 14° \mathfrak{H} 45'48 | |
| evening set | -1648 Sep 15 j 05:00 | 18° \mathfrak{M} 07'20 | | | -1642 Jun 12 j 07:00 | 0° \mathfrak{Y} | |
| max. Earth dist. | -1648 Sep 25 j 22:59 | 20° \mathfrak{M} 30'02 | 6.37092 AU | retrograde | -1642 Aug 08 j 12:12 | 4° \mathfrak{Y} 53'30 | |
| | | | | | -1642 Oct 05 j 15:53 | 30° \mathfrak{R} \mathfrak{H} | |
| conjunction | -1648 Sep 27 j 20:32 | 20° \mathfrak{M} 55'20 | 1°13'08 | min. Earth dist. | -1642 Oct 05 j 18:01 | 29° \mathfrak{H} 59'17 | 4.05058 AU |
| minimum elong | -1648 Sep 27 j 20:33 | 20° \mathfrak{M} 55'20 | 1°13'08 | opposition | -1642 Oct 07 j 02:17 | 29° \mathfrak{H} 48'16 | -1°41'15 |
| morning rise | -1648 Oct 10 j 09:57 | 23° \mathfrak{M} 42'26 | | direct | -1642 Dec 04 j 05:42 | 24° \mathfrak{H} 50'40 | |
| | -1648 Nov 08 j 20:47 | 0° \mathfrak{L} | | | -1641 Jan 31 j 04:42 | 0° \mathfrak{Y} | |
| retrograde | -1647 Feb 09 j 06:44 | 11° \mathfrak{L} 03'51 | | evening set | -1641 Apr 09 j 09:13 | 14° \mathfrak{Y} 00'38 | |
| opposition | -1647 Apr 11 j 04:23 | 6° \mathfrak{L} 12'07 | 1°34'23 | | | | |
| min. Earth dist. | -1647 Apr 12 j 14:14 | 6° \mathfrak{L} 01'22 | 4.32692 AU | conjunction | -1641 Apr 23 j 02:50 | 17° \mathfrak{Y} 10'58 | -0°54'53 |
| direct | -1647 Jun 12 j 13:01 | 1° \mathfrak{L} 13'05 | | minimum elong | -1641 Apr 23 j 02:53 | 17° \mathfrak{Y} 10'59 | 0°54'52 |
| evening set | -1647 Oct 16 j 06:39 | 19° \mathfrak{L} 18'13 | | max. Earth dist. | -1641 Apr 25 j 02:49 | 17° \mathfrak{Y} 38'42 | 6.10265 AU |
| max. Earth dist. | -1647 Oct 27 j 01:19 | 21° \mathfrak{L} 44'53 | 6.27118 AU | morning rise | -1641 May 06 j 22:02 | 20° \mathfrak{Y} 21'49 | |
| | | | | | -1641 Jun 20 j 10:55 | 0° \mathfrak{B} | |
| conjunction | -1647 Oct 28 j 20:40 | 22° \mathfrak{L} 09'33 | 0°50'43 | retrograde | -1641 Sep 11 j 20:53 | 9° \mathfrak{B} 33'07 | |
| minimum elong | -1647 Oct 28 j 20:43 | 22° \mathfrak{L} 09'35 | 0°50'43 | min. Earth dist. | -1641 Nov 09 j 06:57 | 4° \mathfrak{B} 38'05 | 4.16344 AU |
| morning rise | -1647 Nov 10 j 10:00 | 25° \mathfrak{L} 00'45 | | opposition | -1641 Nov 10 j 09:14 | 4° \mathfrak{B} 29'08 | -0°54'49 |
| | -1647 Dec 02 j 22:38 | 0° \mathfrak{M} | | | -1641 Dec 21 j 17:56 | 30° \mathfrak{R} \mathfrak{Y} | |
| retrograde | -1646 Mar 15 j 01:02 | 13° \mathfrak{M} 10'18 | | direct | -1640 Jan 08 j 11:55 | 29° \mathfrak{Y} 28'26 | |
| opposition | -1646 May 15 j 01:58 | 8° \mathfrak{M} 17'03 | 0°48'22 | | -1640 Jan 26 j 10:12 | 0° \mathfrak{B} | |
| min. Earth dist. | -1646 May 16 j 03:59 | 8° \mathfrak{M} 08'44 | 4.20966 AU | | -1640 Apr 30 j 04:03 | 15° \mathfrak{B} | |
| direct | -1646 Jul 15 j 09:06 | 3° \mathfrak{M} 20'48 | | evening set | -1640 May 14 j 09:14 | 18° \mathfrak{B} 08'29 | |
| | -1646 Oct 17 j 14:43 | 15° \mathfrak{M} | | | | | |
| evening set | -1646 Nov 17 j 09:59 | 21° \mathfrak{M} 53'01 | | conjunction | -1640 May 28 j 03:26 | 21° \mathfrak{B} 13'39 | -0°16'31 |
| max. Earth dist. | -1646 Nov 28 j 23:58 | 24° \mathfrak{M} 35'04 | 6.14702 AU | minimum elong | -1640 May 28 j 03:27 | 21° \mathfrak{B} 13'40 | 0°16'30 |
| | | | | max. Earth dist. | -1640 May 29 j 11:24 | 21° \mathfrak{B} 31'36 | 6.22690 AU |
| conjunction | -1646 Nov 30 j 02:20 | 24° \mathfrak{M} 50'28 | 0°11'49 | morning rise | -1640 Jun 10 j 20:46 | 24° \mathfrak{B} 18'11 | |
| minimum elong | -1646 Nov 30 j 02:20 | 24° \mathfrak{M} 50'29 | 0°11'47 | | -1640 Jul 07 j 03:04 | 0° \mathfrak{I} | |
| behind sun begin | -1646 Nov 29 j 20:38 | 24° \mathfrak{M} 47'10 | | retrograde | -1640 Oct 13 j 06:51 | 12° \mathfrak{I} 26'01 | |
| behind sun end | -1646 Nov 30 j 08:02 | 24° \mathfrak{M} 53'48 | | asc. node | -1640 Oct 28 j 07:25 | 12° \mathfrak{I} 03'37 | |
| morning rise | -1646 Dec 12 j 19:26 | 27° \mathfrak{M} 48'37 | | opposition | -1640 Dec 11 j 21:21 | 7° \mathfrak{I} 25'26 | 0°07'02 |
| | -1646 Dec 22 j 07:09 | 0° \mathfrak{J} | | min. Earth dist. | -1640 Dec 11 j 09:00 | 7° \mathfrak{I} 29'35 | 4.28668 AU |
| desc. node | -1645 Mar 15 j 01:08 | 15° \mathfrak{J} 01'47 | | direct | -1639 Feb 10 j 07:56 | 2° \mathfrak{I} 22'44 | |
| retrograde | -1645 Apr 19 j 23:45 | 16° \mathfrak{J} 59'30 | | evening set | -1639 Jun 17 j 16:01 | 20° \mathfrak{I} 33'20 | |
| opposition | -1645 Jun 19 j 18:53 | 12° \mathfrak{J} 03'18 | -0°16'21 | | | | |
| min. Earth dist. | -1645 Jun 20 j 05:33 | 11° \mathfrak{J} 59'50 | 4.08741 AU | conjunction | -1639 Jul 01 j 04:46 | 23° \mathfrak{I} 31'31 | 0°25'42 |
| direct | -1645 Aug 18 j 17:35 | 7° \mathfrak{J} 09'22 | | minimum elong | -1639 Jul 01 j 04:44 | 23° \mathfrak{I} 31'30 | 0°25'44 |
| evening set | -1645 Dec 21 j 07:38 | 26° \mathfrak{J} 11'45 | | max. Earth dist. | -1639 Jul 01 j 09:37 | 23° \mathfrak{I} 34'11 | 6.33987 AU |
| | | | | morning rise | -1639 Jul 14 j 15:16 | 26° \mathfrak{I} 28'23 | |
| conjunction | -1644 Jan 03 j 05:03 | 29° \mathfrak{J} 16'08 | -0°32'40 | | -1639 Jul 31 j 00:42 | 0° \mathfrak{D} | |
| minimum elong | -1644 Jan 03 j 05:01 | 29° \mathfrak{J} 16'06 | 0°32'41 | retrograde | -1639 Nov 13 j 06:29 | 13° \mathfrak{D} 47'32 | |
| max. Earth dist. | -1644 Jan 03 j 04:01 | 29° \mathfrak{J} 15'31 | 6.03809 AU | opposition | -1638 Jan 12 j 04:10 | 8° \mathfrak{D} 50'50 | 1°03'46 |
| | -1644 Jan 06 j 06:31 | 0° \mathfrak{Z} | | min. Earth dist. | -1638 Jan 12 j 09:03 | 8° \mathfrak{D} 49'14 | 4.38127 AU |
| morning rise | -1644 Jan 16 j 04:58 | 2° \mathfrak{Z} 21'59 | | direct | -1638 Mar 14 j 20:48 | 3° \mathfrak{D} 47'22 | |
| retrograde | -1644 May 26 j 08:20 | 22° \mathfrak{Z} 28'05 | | evening set | -1638 Jul 20 j 06:27 | 21° \mathfrak{D} 37'55 | |
| opposition | -1644 Jul 25 j 18:53 | 17° \mathfrak{Z} 27'58 | -1°18'22 | | | | |
| min. Earth dist. | -1644 Jul 25 j 08:03 | 17° \mathfrak{Z} 31'33 | 4.00285 AU | conjunction | -1638 Aug 02 j 10:54 | 24° \mathfrak{D} 29'49 | 0°59'06 |
| direct | -1644 Sep 22 j 09:17 | 12° \mathfrak{Z} 34'46 | | minimum elong | -1638 Aug 02 j 10:51 | 24° \mathfrak{D} 29'48 | 0°59'07 |
| | -1643 Jan 16 j 18:13 | 0° \approx | | max. Earth dist. | -1638 Aug 01 j 15:38 | 24° \mathfrak{D} 19'19 | 6.40856 AU |
| evening set | -1643 Jan 25 j 03:34 | 1° \approx 59'31 | | morning rise | -1638 Aug 15 j 12:01 | 27° \mathfrak{D} 20'07 | |
| | | | | | -1638 Aug 27 j 22:34 | 0° \mathcal{O} | |
| conjunction | -1643 Feb 07 j 08:01 | 5° \approx 09'19 | -1°06'17 | retrograde | -1638 Dec 13 j 17:29 | 14° \mathcal{O} 15'11 | |
| minimum elong | -1643 Feb 07 j 07:59 | 5° \approx 09'18 | 1°06'18 | opposition | -1637 Feb 12 j 00:49 | 9° \mathcal{O} 21'42 | 1°41'06 |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 24

Attention, astronomical year style is used: The year -1637 in astronomical counting style is the year 1638 BCE in historical counting style.





























































































































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| min. Earth dist. | -1637 Feb 12 j 21:01 | 9°Ω15'11 | 4.42099 AU | conjunction | -1631 Feb 12 j 12:38 | 10°≈22'15 | -1°09'10 |
| direct | -1637 Apr 15 j 12:49 | 4°Ω18'51 | | minimum elong | -1631 Feb 12 j 12:36 | 10°≈22'14 | 1°09'11 |
| | -1637 Jul 17 j 19:57 | 15°Ω | | max. Earth dist. | -1631 Feb 13 j 21:34 | 10°≈42'00 | 5.98636 AU |
| evening set | -1637 Aug 20 j 15:44 | 22°Ω02'20 | | morning rise | -1631 Feb 25 j 21:20 | 13°≈34'09 | |
| max. Earth dist. | -1637 Aug 31 j 20:43 | 24°Ω29'07 | 6.41516 AU | | -1631 Mar 03 j 22:14 | 15°≈ | |
| | | | | | -1631 May 17 j 11:11 | 0°✠ | |
| conjunction | -1637 Sep 02 j 11:52 | 24°Ω50'34 | 1°15'36 | retrograde | -1631 Jul 08 j 05:25 | 4°✠02'16 | |
| minimum elong | -1637 Sep 02 j 11:52 | 24°Ω50'33 | 1°15'37 | | -1631 Aug 29 j 10:31 | 30°≈ | |
| morning rise | -1637 Sep 15 j 05:15 | 27°Ω37'26 | | min. Earth dist. | -1631 Sep 04 j 22:19 | 29°≈07'44 | 3.99614 AU |
| | -1637 Sep 26 j 05:28 | 0°♐ | | opposition | -1631 Sep 06 j 02:30 | 28°≈58'12 | -1°52'39 |
| retrograde | -1636 Jan 13 j 16:41 | 14°♐35'40 | | direct | -1631 Nov 03 j 01:05 | 24°≈03'10 | |
| opposition | -1636 Mar 14 j 08:10 | 9°♐43'53 | 1°50'47 | | -1630 Jan 04 j 02:25 | 0°✠ | |
| min. Earth dist. | -1636 Mar 15 j 15:46 | 9°♐33'48 | 4.39529 AU | evening set | -1630 Mar 08 j 10:29 | 13°✠28'28 | |
| direct | -1636 May 16 j 01:54 | 4°♐42'42 | | | | | |
| evening set | -1636 Sep 19 j 12:16 | 22°♐32'43 | | conjunction | -1630 Mar 21 j 23:22 | 16°✠40'17 | -1°13'29 |
| max. Earth dist. | -1636 Sep 30 j 05:20 | 24°♐55'22 | 6.35832 AU | minimum elong | -1630 Mar 21 j 23:24 | 16°✠40'18 | 1°13'29 |
| | | | | max. Earth dist. | -1630 Mar 23 j 23:54 | 17°✠08'58 | 6.02238 AU |
| conjunction | -1636 Oct 02 j 03:29 | 25°♐21'03 | 1°11'12 | morning rise | -1630 Apr 04 j 15:14 | 19°✠53'27 | |
| minimum elong | -1636 Oct 02 j 03:31 | 25°♐21'04 | 1°11'11 | | -1630 May 20 j 09:31 | 0°♑ | |
| morning rise | -1636 Oct 14 j 16:37 | 28°♐08'34 | | retrograde | -1630 Aug 13 j 07:49 | 9°♑53'32 | |
| | -1636 Oct 23 j 03:03 | 0°♑ | | opposition | -1630 Oct 11 j 22:40 | 4°♑48'15 | -1°36'30 |
| retrograde | -1635 Feb 13 j 20:30 | 15°♑36'01 | | min. Earth dist. | -1630 Oct 10 j 14:37 | 4°♑59'12 | 4.06664 AU |
| opposition | -1635 Apr 15 j 19:41 | 10°♑44'10 | 1°29'31 | | -1630 Nov 29 j 11:02 | 30°≈ | |
| min. Earth dist. | -1635 Apr 17 j 04:14 | 10°♑33'49 | 4.31078 AU | direct | -1630 Dec 09 j 04:52 | 29°✠50'08 | |
| direct | -1635 Jun 17 j 00:20 | 5°♑45'31 | | | -1630 Dec 19 j 00:13 | 0°♑ | |
| evening set | -1635 Oct 20 j 17:01 | 23°♑54'34 | | evening set | -1629 Apr 14 j 10:06 | 18°♑55'23 | |
| max. Earth dist. | -1635 Oct 31 j 14:05 | 26°♑23'13 | 6.25301 AU | | | | |
| | | | | conjunction | -1629 Apr 28 j 04:14 | 22°♑05'06 | -0°50'20 |
| conjunction | -1635 Nov 02 j 07:09 | 26°♑46'42 | 0°46'02 | minimum elong | -1629 Apr 28 j 04:18 | 22°♑05'08 | 0°50'19 |
| minimum elong | -1635 Nov 02 j 07:12 | 26°♑46'43 | 0°46'01 | max. Earth dist. | -1629 Apr 30 j 03:29 | 22°♑32'17 | 6.12097 AU |
| morning rise | -1635 Nov 14 j 20:46 | 29°♑38'47 | | morning rise | -1629 May 11 j 23:21 | 25°♑15'06 | |
| | -1635 Nov 16 j 10:09 | 0°♒ | | | -1629 Jun 02 j 04:49 | 0°♒ | |
| | -1634 Feb 03 j 10:37 | 15°♒ | | retrograde | -1629 Sep 16 j 11:11 | 14°♒16'52 | |
| retrograde | -1634 Mar 20 j 00:58 | 17°♒56'58 | | opposition | -1629 Nov 14 j 22:47 | 9°♒13'18 | -0°46'41 |
| | -1634 May 04 j 08:30 | 15°♒♒ | | min. Earth dist. | -1629 Nov 13 j 22:43 | 9°♒21'28 | 4.18196 AU |
| opposition | -1634 May 20 j 00:00 | 13°♒03'27 | 0°40'00 | direct | -1628 Jan 13 j 06:13 | 4°♒12'15 | |
| min. Earth dist. | -1634 May 21 j 01:08 | 12°♒55'24 | 4.19066 AU | | -1628 Apr 12 j 17:23 | 15°♒ | |
| direct | -1634 Jul 20 j 03:35 | 8°♒07'35 | | evening set | -1628 May 19 j 04:32 | 22°♒47'37 | |
| | -1634 Sep 27 j 17:53 | 15°♒ | | | | | |
| evening set | -1634 Nov 22 j 02:00 | 26°♒44'29 | | conjunction | -1628 Jun 01 j 22:10 | 25°♒51'51 | -0°10'38 |
| | | | | minimum elong | -1628 Jun 01 j 22:11 | 25°♒51'51 | 0°10'37 |
| conjunction | -1634 Dec 04 j 18:53 | 29°♒42'57 | 0°05'34 | behind sun begin | -1628 Jun 01 j 15:50 | 25°♒48'19 | |
| minimum elong | -1634 Dec 04 j 18:54 | 29°♒42'58 | 0°05'32 | behind sun end | -1628 Jun 02 j 04:33 | 25°♒55'24 | |
| behind sun begin | -1634 Dec 04 j 11:11 | 29°♒38'27 | | max. Earth dist. | -1628 Jun 03 j 01:34 | 26°♒07'10 | 6.24408 AU |
| behind sun end | -1634 Dec 05 j 02:38 | 29°♒47'28 | | morning rise | -1628 Jun 15 j 14:57 | 28°♒55'22 | |
| max. Earth dist. | -1634 Dec 03 j 19:13 | 29°♒29'04 | 6.12917 AU | | -1628 Jun 20 j 11:44 | 0°♓ | |
| | -1634 Dec 05 j 23:56 | 0°♓ | | asc. node | -1628 Sep 08 j 05:02 | 14°♓30'49 | |
| morning rise | -1634 Dec 17 j 12:56 | 2°♓42'15 | | retrograde | -1628 Oct 17 j 13:55 | 16°♓55'29 | |
| desc. node | -1633 Jan 22 j 13:31 | 10°♓45'25 | | opposition | -1628 Dec 16 j 05:39 | 11°♓55'26 | 0°15'31 |
| retrograde | -1633 Apr 25 j 03:27 | 22°♓01'52 | | min. Earth dist. | -1628 Dec 15 j 19:41 | 11°♓58'47 | 4.30127 AU |
| opposition | -1633 Jun 24 j 22:37 | 17°♓05'08 | -0°25'52 | direct | -1627 Feb 14 j 20:26 | 6°♓52'30 | |
| min. Earth dist. | -1633 Jun 25 j 05:07 | 17°♓03'01 | 4.07258 AU | evening set | -1627 Jun 22 j 05:43 | 25°♓00'11 | |
| direct | -1633 Aug 23 j 15:06 | 12°♓11'28 | | | | | |
| | -1633 Dec 20 j 19:14 | 0°♔ | | conjunction | -1627 Jul 05 j 17:34 | 27°♓57'31 | 0°31'02 |
| evening set | -1633 Dec 26 j 06:16 | 1°♔17'30 | | minimum elong | -1627 Jul 05 j 17:32 | 27°♓57'29 | 0°31'03 |
| | | | | max. Earth dist. | -1627 Jul 05 j 19:19 | 27°♓58'28 | 6.35089 AU |
| conjunction | -1632 Jan 08 j 04:34 | 4°♔22'43 | -0°38'26 | | -1627 Jul 15 j 00:53 | 0°♕ | |
| minimum elong | -1632 Jan 08 j 04:31 | 4°♔22'41 | 0°38'28 | morning rise | -1627 Jul 19 j 02:45 | 0°♕53'25 | |
| max. Earth dist. | -1632 Jan 08 j 08:42 | 4°♔25'11 | 6.02771 AU | retrograde | -1627 Nov 17 j 12:01 | 18°♕08'23 | |
| morning rise | -1632 Jan 21 j 05:26 | 7°♔29'26 | | opposition | -1626 Jan 16 j 10:23 | 13°♕12'15 | 1°10'17 |
| retrograde | -1632 May 31 j 16:14 | 27°♔40'39 | | min. Earth dist. | -1626 Jan 16 j 17:39 | 13°♕09'52 | 4.38818 AU |
| min. Earth dist. | -1632 Jul 30 j 11:46 | 22°♔44'17 | 3.99816 AU | direct | -1626 Mar 19 j 06:02 | 8°♕08'50 | |
| opposition | -1632 Jul 31 j 00:58 | 22°♔39'54 | -1°25'15 | evening set | -1626 Jul 24 j 16:08 | 25°♕58'31 | |
| direct | -1632 Sep 27 j 13:32 | 17°♔46'36 | | | | | |
| | -1632 Dec 30 j 02:44 | 0°≈ | | conjunction | -1626 Aug 06 j 19:18 | 28°♕49'51 | 1°02'29 |
| evening set | -1631 Jan 30 j 07:07 | 7°≈12'04 | | minimum elong | -1626 Aug 06 j 19:16 | 28°♕49'49 | 1°02'31 |
| | | | | max. Earth dist. | -1626 Aug 05 j 19:24 | 28°♕36'49 | 6.41068 AU |

Attention, astronomical year style is used: The year -1626 in astronomical counting style is the year 1627 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| | -1626 Aug 12 j 04:03 | 0°♌ | | retrograde | -1620 Jun 05 j 21:34 | 2°♊48'48 | |
| morning rise | -1626 Aug 19 j 19:26 | 1°♌39'37 | | | -1620 Jul 19 j 00:09 | 30°♊ | |
| | -1626 Oct 29 j 22:41 | 15°♌ | | opposition | -1620 Aug 05 j 04:35 | 27°♊47'35 | -1°31'24 |
| retrograde | -1626 Dec 18 j 00:51 | 18°♌34'29 | | min. Earth dist. | -1620 Aug 04 j 12:49 | 27°♊52'50 | 3.99526 AU |
| | -1625 Feb 06 j 01:16 | 15°♋♌ | | direct | -1620 Oct 02 j 13:52 | 22°♊54'11 | |
| opposition | -1625 Feb 16 j 08:18 | 13°♌41'21 | 1°44'10 | | -1620 Dec 10 j 00:10 | 0°♊ | |
| min. Earth dist. | -1625 Feb 17 j 06:51 | 13°♌34'04 | 4.41859 AU | evening set | -1619 Feb 04 j 09:15 | 12°♊20'18 | |
| direct | -1625 Apr 19 j 21:56 | 8°♌38'39 | | | -1619 Feb 15 j 12:15 | 15°♊ | |
| | -1625 Jun 28 j 06:18 | 15°♌ | | | | | |
| evening set | -1625 Aug 24 j 23:19 | 26°♌23'15 | | conjunction | -1619 Feb 17 j 15:39 | 15°♊30'48 | -1°11'30 |
| max. Earth dist. | -1625 Sep 05 j 03:18 | 28°♌49'45 | 6.40838 AU | minimum elong | -1619 Feb 17 j 15:37 | 15°♊30'47 | 1°11'32 |
| | | | | max. Earth dist. | -1619 Feb 19 j 02:08 | 15°♊51'29 | 5.98824 AU |
| conjunction | -1625 Sep 06 j 18:46 | 29°♌11'24 | 1°16'14 | morning rise | -1619 Mar 03 j 01:29 | 18°♊43'04 | |
| minimum elong | -1625 Sep 06 j 18:46 | 29°♌11'24 | 1°16'14 | | -1619 Apr 22 j 23:13 | 0°♋ | |
| | -1625 Sep 10 j 11:17 | 0°♎ | | retrograde | -1619 Jul 13 j 05:57 | 9°♋09'29 | |
| morning rise | -1625 Sep 19 j 11:12 | 1°♎58'13 | | min. Earth dist. | -1619 Sep 09 j 21:39 | 4°♋15'04 | 4.00270 AU |
| retrograde | -1624 Jan 18 j 01:56 | 18°♎59'49 | | opposition | -1619 Sep 11 j 03:08 | 4°♋05'04 | -1°52'58 |
| opposition | -1624 Mar 18 j 19:13 | 14°♎08'10 | 1°49'37 | | -1619 Oct 16 j 22:35 | 30°♋ | |
| min. Earth dist. | -1624 Mar 20 j 02:36 | 13°♎58'10 | 4.38480 AU | direct | -1619 Nov 08 j 01:35 | 29°♋09'39 | |
| direct | -1624 May 20 j 10:54 | 9°♎07'23 | | | -1619 Nov 30 j 06:33 | 0°♋ | |
| evening set | -1624 Sep 23 j 20:41 | 27°♎00'01 | | evening set | -1618 Mar 13 j 13:19 | 18°♋33'01 | |
| max. Earth dist. | -1624 Oct 04 j 13:03 | 29°♎22'48 | 6.34493 AU | | | | |
| | | | | conjunction | -1618 Mar 27 j 03:17 | 21°♋44'48 | -1°11'45 |
| conjunction | -1624 Oct 06 j 11:24 | 29°♎48'42 | 1°08'48 | minimum elong | -1618 Mar 27 j 03:19 | 21°♋44'50 | 1°11'46 |
| minimum elong | -1624 Oct 06 j 11:25 | 29°♎48'43 | 1°08'49 | max. Earth dist. | -1618 Mar 29 j 05:32 | 22°♋14'25 | 6.03309 AU |
| | -1624 Oct 07 j 07:35 | 0°♏ | | morning rise | -1618 Apr 09 j 19:43 | 24°♋57'45 | |
| morning rise | -1624 Oct 19 j 00:27 | 2°♏36'43 | | | -1618 May 01 j 20:05 | 0°♐ | |
| retrograde | -1623 Feb 18 j 14:03 | 20°♏10'21 | | retrograde | -1618 Aug 18 j 04:46 | 14°♐51'10 | |
| opposition | -1623 Apr 20 j 12:21 | 15°♏18'25 | 1°24'03 | min. Earth dist. | -1618 Oct 15 j 11:04 | 9°♐56'31 | 4.08016 AU |
| min. Earth dist. | -1623 Apr 21 j 20:58 | 15°♏08'02 | 4.29524 AU | opposition | -1618 Oct 16 j 17:50 | 9°♐46'01 | -1°31'11 |
| direct | -1623 Jun 21 j 14:57 | 10°♏20'09 | | direct | -1618 Dec 14 j 03:12 | 4°♐47'29 | |
| evening set | -1623 Oct 25 j 04:08 | 28°♏32'41 | | evening set | -1617 Apr 19 j 10:31 | 23°♐49'10 | |
| | -1623 Oct 31 j 13:11 | 0°♑ | | | | | |
| max. Earth dist. | -1623 Nov 05 j 03:37 | 1°♑03'16 | 6.23671 AU | conjunction | -1617 May 03 j 04:54 | 26°♐58'21 | -0°45'30 |
| | | | | minimum elong | -1617 May 03 j 04:57 | 26°♐58'23 | 0°45'28 |
| conjunction | -1623 Nov 06 j 18:33 | 1°♑25'35 | 0°41'02 | max. Earth dist. | -1617 May 05 j 01:30 | 27°♐23'55 | 6.13611 AU |
| minimum elong | -1623 Nov 06 j 18:36 | 1°♑25'37 | 0°41'01 | | -1617 May 16 j 10:37 | 0°♑ | |
| morning rise | -1623 Nov 19 j 08:34 | 4°♑18'33 | | morning rise | -1617 May 17 j 00:11 | 0°♑07'43 | |
| | -1622 Jan 08 j 22:20 | 15°♑ | | | -1617 Jul 31 j 11:40 | 15°♑ | |
| retrograde | -1622 Mar 24 j 22:33 | 22°♑44'34 | | retrograde | -1617 Sep 20 j 23:33 | 19°♑01'12 | |
| opposition | -1622 May 24 j 22:27 | 17°♑50'40 | 0°31'17 | | -1617 Nov 11 j 20:06 | 15°♑ | |
| min. Earth dist. | -1622 May 25 j 20:25 | 17°♑43'37 | 4.17475 AU | opposition | -1617 Nov 19 j 11:57 | 13°♑58'01 | -0°38'18 |
| | -1622 Jun 17 j 14:51 | 15°♑♑ | | min. Earth dist. | -1617 Nov 18 j 13:01 | 14°♑05'49 | 4.19720 AU |
| direct | -1622 Jul 24 j 20:16 | 12°♑55'13 | | direct | -1616 Jan 17 j 22:46 | 8°♑56'36 | |
| | -1622 Aug 30 j 15:35 | 15°♑ | | | -1616 Mar 23 j 00:56 | 15°♑ | |
| | -1622 Nov 19 j 21:14 | 0°♒ | | evening set | -1616 May 24 j 00:16 | 27°♑28'35 | |
| evening set | -1622 Nov 26 j 18:00 | 1°♒35'40 | | | -1616 Jun 04 j 08:11 | 0°♒ | |
| desc. node | -1622 Dec 02 j 07:36 | 2°♒53'53 | | | | | |
| | | | | conjunction | -1616 Jun 06 j 17:29 | 0°♒32'00 | -0°04'40 |
| conjunction | -1622 Dec 09 j 11:26 | 4°♒34'58 | -0°00'50 | minimum elong | -1616 Jun 06 j 17:30 | 0°♒32'01 | 0°04'38 |
| minimum elong | -1622 Dec 09 j 11:25 | 4°♒34'58 | 0°00'51 | behind sun begin | -1616 Jun 06 j 09:22 | 0°♒27'29 | |
| behind sun begin | -1622 Dec 09 j 03:24 | 4°♒30'16 | | behind sun end | -1616 Jun 07 j 01:38 | 0°♒36'32 | |
| behind sun end | -1622 Dec 09 j 19:27 | 4°♒39'41 | | max. Earth dist. | -1616 Jun 07 j 17:20 | 0°♒45'19 | 6.25841 AU |
| max. Earth dist. | -1622 Dec 08 j 15:35 | 4°♒23'18 | 6.11494 AU | morning rise | -1616 Jun 20 j 09:27 | 3°♒34'35 | |
| morning rise | -1622 Dec 22 j 06:14 | 7°♒35'14 | | asc. node | -1616 Jul 19 j 10:36 | 9°♒48'42 | |
| retrograde | -1621 Apr 30 j 07:49 | 27°♒02'19 | | retrograde | -1616 Oct 22 j 00:01 | 21°♒28'02 | |
| opposition | -1621 Jun 30 j 01:30 | 22°♒05'02 | -0°35'09 | opposition | -1616 Dec 20 j 15:09 | 16°♒28'33 | 0°23'58 |
| min. Earth dist. | -1621 Jun 30 j 05:51 | 22°♒03'37 | 4.06109 AU | min. Earth dist. | -1616 Dec 20 j 08:04 | 16°♒30'55 | 4.31341 AU |
| direct | -1621 Aug 28 j 14:55 | 17°♒11'31 | | direct | -1615 Feb 19 j 10:26 | 11°♒25'28 | |
| | -1621 Dec 03 j 17:41 | 0°♓ | | evening set | -1615 Jun 26 j 20:27 | 29°♒30'48 | |
| evening set | -1621 Dec 31 j 03:56 | 6°♓20'15 | | | -1615 Jun 29 j 02:02 | 0°♓ | |
| | | | | | | | |
| conjunction | -1620 Jan 13 j 03:09 | 9°♓26'11 | -0°43'53 | conjunction | -1615 Jul 10 j 07:14 | 2°♓27'20 | 0°36'15 |
| minimum elong | -1620 Jan 13 j 03:07 | 9°♓26'10 | 0°43'54 | minimum elong | -1615 Jul 10 j 07:12 | 2°♓27'18 | 0°36'16 |
| max. Earth dist. | -1620 Jan 13 j 11:44 | 9°♓31'20 | 6.01995 AU | max. Earth dist. | -1615 Jul 10 j 04:58 | 2°♓26'05 | 6.35987 AU |
| morning rise | -1620 Jan 26 j 05:00 | 12°♓33'41 | | morning rise | -1615 Jul 23 j 15:18 | 5°♓22'23 | |
| | -1620 Apr 23 j 22:16 | 0°♓ | | retrograde | -1615 Nov 21 j 18:59 | 22°♓33'51 | |
































































































































Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 26

Attention, astronomical year style is used: The year -1614 in astronomical counting style is the year 1615 BCE in historical counting style.

| | | | | | | | | |
|------------------|----------------------|---|------------|------------------|--|----------------------|---|------------|
| opposition | -1614 Jan 20 j 18:30 | 17°  38'11 | 1°16'32 | | | -1609 Nov 14 j 23:23 | 0°  | |
| min. Earth dist. | -1614 Jan 21 j 03:34 | 17°  35'12 | 4.39375 AU | evening set | | -1608 Jan 04 j 22:58 | 11°  14'50 | |
| direct | -1614 Mar 23 j 16:23 | 12°  34'46 | | | | | | |
| | -1614 Jul 27 j 07:14 | 0°  | | conjunction | | -1608 Jan 17 j 22:52 | 14°  21'20 | -0°48'51 |
| evening set | -1614 Jul 29 j 03:08 | 0°  23'42 | | minimum elong | | -1608 Jan 17 j 22:49 | 14°  21'18 | 0°48'52 |
| max. Earth dist. | -1614 Aug 10 j 03:54 | 3°  00'40 | 6.41256 AU | max. Earth dist. | | -1608 Jan 18 j 09:32 | 14°  27'44 | 6.01432 AU |
| | | | | morning rise | | -1608 Jan 31 j 01:47 | 17°  29'31 | |
| conjunction | -1614 Aug 11 j 05:12 | 3°  01'42 | 1°05'36 | | | -1608 Mar 28 j 10:11 | 0°  | |
| minimum elong | -1614 Aug 11 j 05:10 | 3°  01'42 | 1°05'38 | retrograde | | -1608 Jun 10 j 22:24 | 7°  47'50 | |
| morning rise | -1614 Aug 24 j 04:01 | 6°  03'40 | | min. Earth dist. | | -1608 Aug 09 j 10:44 | 2°  52'05 | 3.99311 AU |
| | -1614 Oct 07 j 00:49 | 15°  | | opposition | | -1608 Aug 10 j 04:36 | 2°  46'06 | -1°36'42 |
| retrograde | -1614 Dec 22 j 08:52 | 22°  05'16 | | | | -1608 Sep 01 j 07:01 | 30°  00'00 | |
| opposition | -1613 Feb 20 j 17:34 | 18°  05'28 | 1°46'46 | direct | | -1608 Oct 07 j 11:28 | 27°  52'30 | |
| min. Earth dist. | -1613 Feb 21 j 17:18 | 17°  05'57 | 4.41701 AU | | | -1608 Nov 12 j 07:44 | 0°  | |
| | -1613 Mar 18 j 15:42 | 15°  00'00 | | | | -1607 Jan 30 j 12:30 | 15°  | |
| direct | -1613 Apr 24 j 08:09 | 13°  03'03 | | evening set | | -1607 Feb 09 j 08:08 | 17°  19'17 | |
| | -1613 May 31 j 05:03 | 15°  | | | | | | |
| | -1613 Aug 25 j 15:50 | 0°  | | conjunction | | -1607 Feb 22 j 15:43 | 20°  30'12 | -1°13'14 |
| evening set | -1613 Aug 29 j 08:17 | 0°  48'04 | | minimum elong | | -1607 Feb 22 j 15:41 | 20°  30'12 | 1°13'15 |
| max. Earth dist. | -1613 Sep 09 j 09:04 | 3°  13'07 | 6.40351 AU | max. Earth dist. | | -1607 Feb 24 j 05:41 | 20°  52'56 | 5.98975 AU |
| | | | | morning rise | | -1607 Mar 08 j 02:22 | 23°  42'46 | |
| conjunction | -1613 Sep 11 j 02:43 | 3°  13'07 | 1°16'29 | | | -1607 Apr 04 j 07:40 | 0°  | |
| minimum elong | -1613 Sep 11 j 02:43 | 3°  13'07 | 1°16'29 | retrograde | | -1607 Jul 18 j 05:45 | 14°  07'40 | |
| morning rise | -1613 Sep 23 j 18:34 | 6°  22'46 | | min. Earth dist. | | -1607 Sep 14 j 19:12 | 9°  12'59 | 4.00788 AU |
| retrograde | -1612 Jan 22 j 14:05 | 23°  26'59 | | opposition | | -1607 Sep 16 j 00:24 | 9°  03'04 | -1°52'28 |
| opposition | -1612 Mar 23 j 07:48 | 18°  35'22 | 1°47'51 | direct | | -1607 Nov 12 j 23:13 | 4°  07'19 | |
| min. Earth dist. | -1612 Mar 24 j 15:46 | 18°  25'10 | 4.37710 AU | evening set | | -1606 Mar 18 j 13:49 | 23°  00'00 | |
| direct | -1612 May 24 j 22:56 | 13°  34'52 | | | | | | |
| | -1612 Sep 21 j 12:28 | 0°  | | conjunction | | -1606 Apr 01 j 04:33 | 26°  41'28 | -1°09'34 |
| evening set | -1612 Sep 28 j 05:07 | 1°  28'44 | | minimum elong | | -1606 Apr 01 j 04:36 | 26°  41'29 | 1°09'35 |
| max. Earth dist. | -1612 Oct 08 j 23:19 | 3°  52'51 | 6.33518 AU | max. Earth dist. | | -1606 Apr 03 j 06:00 | 27°  10'30 | 6.04137 AU |
| | | | | morning rise | | -1606 Apr 14 j 21:51 | 29°  54'22 | |
| conjunction | -1612 Oct 10 j 19:39 | 4°  17'42 | 1°06'03 | | | -1606 Apr 15 j 07:32 | 0°  | |
| minimum elong | -1612 Oct 10 j 19:41 | 4°  17'43 | 1°06'03 | retrograde | | -1606 Aug 22 j 21:32 | 19°  42'07 | |
| morning rise | -1612 Oct 23 j 08:23 | 7°  06'01 | | min. Earth dist. | | -1606 Oct 20 j 03:28 | 14°  47'41 | 4.09078 AU |
| retrograde | -1611 Feb 23 j 04:57 | 24°  44'33 | | opposition | | -1606 Oct 21 j 10:20 | 14°  47'41 | -1°25'24 |
| opposition | -1611 Apr 25 j 05:05 | 19°  52'24 | 1°18'06 | direct | | -1606 Dec 18 j 21:12 | 9°  38'13 | |
| min. Earth dist. | -1611 Apr 26 j 11:58 | 19°  42'35 | 4.28397 AU | evening set | | -1605 Apr 24 j 09:10 | 28°  47'44 | |
| direct | -1611 Jun 26 j 04:15 | 14°  54'35 | | | | -1605 Apr 30 j 09:34 | 0°  | |
| | -1611 Oct 15 j 14:48 | 0°  | | | | | | |
| evening set | -1611 Oct 29 j 14:35 | 3°  08'54 | | conjunction | | -1605 May 08 j 03:51 | 1°  46'31 | -0°40'26 |
| max. Earth dist. | -1611 Nov 09 j 15:46 | 5°  40'53 | 6.22488 AU | minimum elong | | -1605 May 08 j 03:54 | 1°  46'32 | 0°40'25 |
| | | | | max. Earth dist. | | -1605 May 09 j 21:55 | 2°  10'34 | 6.14841 AU |
| conjunction | -1611 Nov 11 j 05:00 | 6°  02'18 | 0°35'52 | morning rise | | -1605 May 21 j 23:06 | 4°  55'20 | |
| minimum elong | -1611 Nov 11 j 05:02 | 6°  02'19 | 0°35'50 | | | -1605 Jul 08 j 08:50 | 15°  | |
| morning rise | -1611 Nov 23 j 19:27 | 8°  55'56 | | retrograde | | -1605 Sep 25 j 13:14 | 23°  41'53 | |
| | -1611 Dec 21 j 02:53 | 15°  | | min. Earth dist. | | -1605 Nov 23 j 03:51 | 18°  46'04 | 4.20987 AU |
| retrograde | -1610 Mar 29 j 19:58 | 27°  08'16 | | opposition | | -1605 Nov 24 j 00:15 | 18°  39'09 | -0°29'49 |
| opposition | -1610 May 29 j 19:28 | 22°  03'56 | 0°22'31 | | | -1605 Dec 24 j 10:09 | 15°  00'00 | |
| min. Earth dist. | -1610 May 30 j 15:54 | 22°  03'56 | 4.16292 AU | direct | | -1604 Jan 22 j 15:36 | 13°  37'29 | |
| direct | -1610 Jul 29 j 14:26 | 17°  00'00 | | | | -1604 Feb 21 j 04:47 | 15°  | |
| desc. node | -1610 Oct 13 j 10:24 | 25°  44'14 | | | | -1604 May 19 j 04:02 | 0°  | |
| | -1610 Nov 03 j 07:15 | 0°  | | evening set | | -1604 May 28 j 18:55 | 2°  06'53 | |
| evening set | -1610 Dec 01 j 08:08 | 6°  21'22 | | asc. node | | -1604 May 30 j 02:28 | 2°  06'53 | |
| max. Earth dist. | -1610 Dec 13 j 10:04 | 9°  21'22 | 6.10431 AU | | | | | |
| | | | | conjunction | | -1604 Jun 11 j 11:38 | 5°  09'35 | 0°01'22 |
| conjunction | -1610 Dec 14 j 02:14 | 9°  21'24 | -0°07'01 | minimum elong | | -1604 Jun 11 j 11:38 | 5°  09'35 | 0°01'25 |
| minimum elong | -1610 Dec 14 j 02:13 | 9°  21'23 | 0°07'03 | behind sun begin | | -1604 Jun 11 j 03:18 | 5°  04'58 | |
| behind sun begin | -1610 Dec 13 j 18:46 | 9°  17'01 | | behind sun end | | -1604 Jun 11 j 19:58 | 5°  14'12 | |
| behind sun end | -1610 Dec 14 j 09:39 | 9°  25'45 | | max. Earth dist. | | -1604 Jun 12 j 09:09 | 5°  21'33 | 6.27060 AU |
| morning rise | -1610 Dec 26 j 21:43 | 12°  22'25 | | morning rise | | -1604 Jun 25 j 02:47 | 8°  11'19 | |
| | -1609 Mar 30 j 20:39 | 0°  | | retrograde | | -1604 Oct 26 j 07:29 | 25°  58'53 | |
| retrograde | -1609 May 05 j 08:00 | 1°  55'24 | | opposition | | -1604 Dec 25 j 00:04 | 20°  59'56 | 0°32'12 |
| | -1609 Jun 09 j 21:57 | 30°  00'00 | | min. Earth dist. | | -1604 Dec 24 j 18:02 | 21°  01'57 | 4.32435 AU |
| opposition | -1609 Jul 05 j 01:17 | 26°  57'39 | -0°43'57 | direct | | -1603 Feb 23 j 21:50 | 15°  56'46 | |
| min. Earth dist. | -1609 Jul 05 j 03:05 | 26°  57'04 | 4.05270 AU | | | -1603 Jun 12 j 17:25 | 0°  | |
| direct | -1609 Sep 02 j 10:28 | 22°  04'16 | | evening set | | -1603 Jul 01 j 10:38 | 4°  00'01 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 27

Attention, astronomical year style is used: The year -1603 in astronomical counting style is the year 1604 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---|------------|------------------|----------------------|--|------------|
| conjunction | -1603 Jul 14 j 20:13 | 6°  55'41 | 0°41'13 | retrograde | -1597 May 10 j 11:50 | 6°  56'43 | |
| minimum elong | -1603 Jul 14 j 20:10 | 6°  55'40 | 0°41'15 | opposition | -1597 Jul 10 j 03:54 | 1°  58'22 | -0°52'42 |
| max. Earth dist. | -1603 Jul 14 j 14:46 | 6°  52'42 | 6.36874 AU | min. Earth dist. | -1597 Jul 10 j 02:46 | 1°  58'45 | 4.03929 AU |
| morning rise | -1603 Jul 28 j 03:02 | 9°  49'52 | | | -1597 Jul 25 j 16:13 | 30°  R  | |
| retrograde | -1603 Nov 26 j 02:32 | 26°  57'49 | | direct | -1597 Sep 07 j 08:49 | 27°  7'05'02 | |
| opposition | -1602 Jan 25 j 02:12 | 22°  02'36 | 1°22'16 | | -1597 Oct 20 j 02:24 | 0°  Z | |
| min. Earth dist. | -1602 Jan 25 j 13:47 | 21°  58'49 | 4.39999 AU | evening set | -1596 Jan 09 j 21:49 | 16°  Z19'25 | |
| direct | -1602 Mar 28 j 03:44 | 16°  59'17 | | | | | |
| | -1602 Jul 10 j 22:05 | 0°  Q | | conjunction | -1596 Jan 22 j 22:53 | 19°  Z26'49 | -0°53'38 |
| evening set | -1602 Aug 02 j 12:58 | 4°  Q46'54 | | minimum elong | -1596 Jan 22 j 22:50 | 19°  Z26'47 | 0°53'39 |
| max. Earth dist. | -1602 Aug 14 j 09:45 | 7°  Q21'44 | 6.41529 AU | max. Earth dist. | -1596 Jan 23 j 14:44 | 19°  Z36'20 | 6.00468 AU |
| | | | | morning rise | -1596 Feb 05 j 02:45 | 22°  Z35'52 | |
| conjunction | -1602 Aug 15 j 13:52 | 7°  Q37'04 | 1°08'19 | | -1596 Mar 08 j 07:22 | 0°  ~ | |
| minimum elong | -1602 Aug 15 j 13:50 | 7°  Q37'03 | 1°08'20 | retrograde | -1596 Jun 16 j 05:17 | 12°  ~58'32 | |
| morning rise | -1602 Aug 28 j 11:35 | 10°  Q25'42 | | opposition | -1596 Aug 15 j 08:42 | 7°  ~56'20 | -1°41'29 |
| | -1602 Sep 19 j 00:28 | 15°  Q | | min. Earth dist. | -1596 Aug 14 j 13:28 | 8°  ~02'47 | 3.98855 AU |
| retrograde | -1602 Dec 26 j 15:43 | 27°  Q19'51 | | direct | -1596 Oct 12 j 13:19 | 3°  ~02'34 | |
| opposition | -1601 Feb 25 j 02:06 | 22°  Q27'14 | 1°48'43 | | -1595 Jan 12 j 19:34 | 15°  ~ | |
| min. Earth dist. | -1601 Feb 26 j 02:53 | 22°  Q19'16 | 4.41608 AU | evening set | -1595 Feb 14 j 12:21 | 22°  ~30'52 | |
| direct | -1601 Apr 28 j 17:03 | 17°  Q24'59 | | | | | |
| | -1601 Aug 09 j 08:04 | 0°  P | | conjunction | -1595 Feb 27 j 20:55 | 25°  ~42'13 | -1°14'29 |
| evening set | -1601 Sep 02 j 15:28 | 5°  P10'02 | | minimum elong | -1595 Feb 27 j 20:54 | 25°  ~42'13 | 1°14'29 |
| max. Earth dist. | -1601 Sep 13 j 15:46 | 7°  P35'03 | 6.39868 AU | max. Earth dist. | -1595 Mar 01 j 12:49 | 26°  ~06'04 | 5.99052 AU |
| | | | | morning rise | -1595 Mar 13 j 08:51 | 28°  ~55'15 | |
| conjunction | -1601 Sep 15 j 09:10 | 7°  P57'51 | 1°16'18 | | -1595 Mar 17 j 22:24 | 0°  H | |
| minimum elong | -1601 Sep 15 j 09:10 | 7°  P57'51 | 1°16'18 | retrograde | -1595 Jul 23 j 07:47 | 19°  H18'07 | |
| morning rise | -1601 Sep 28 j 00:09 | 10°  P44'28 | | min. Earth dist. | -1595 Sep 19 j 18:40 | 14°  H23'56 | 4.01425 AU |
| retrograde | -1600 Jan 27 j 00:11 | 27°  P51'32 | | opposition | -1595 Sep 21 j 01:51 | 14°  H13'20 | -1°51'05 |
| opposition | -1600 Mar 27 j 19:13 | 22°  P59'56 | 1°45'29 | direct | -1595 Nov 18 j 00:13 | 9°  H17'11 | |
| min. Earth dist. | -1600 Mar 29 j 03:42 | 22°  P49'36 | 4.36841 AU | evening set | -1594 Mar 23 j 18:57 | 28°  H37'47 | |
| direct | -1600 May 29 j 09:25 | 17°  P59'48 | | | -1594 Mar 29 j 15:46 | 0°  Y | |
| | -1600 Sep 05 j 01:36 | 0°  Q | | | | | |
| evening set | -1600 Oct 02 j 12:30 | 5°  Q55'21 | | conjunction | -1594 Apr 06 j 10:34 | 1°  Y49'27 | -1°06'47 |
| max. Earth dist. | -1600 Oct 13 j 05:08 | 8°  Q19'06 | 6.32307 AU | minimum elong | -1594 Apr 06 j 10:37 | 1°  Y49'28 | 1°06'46 |
| | | | | max. Earth dist. | -1594 Apr 08 j 12:32 | 2°  Y18'43 | 6.05304 AU |
| conjunction | -1600 Oct 15 j 02:37 | 8°  Q44'40 | 1°02'55 | morning rise | -1594 Apr 20 j 04:26 | 5°  Y02'03 | |
| minimum elong | -1600 Oct 15 j 02:39 | 8°  Q44'42 | 1°02'55 | retrograde | -1594 Aug 27 j 18:46 | 24°  Y42'19 | |
| morning rise | -1600 Oct 27 j 15:27 | 11°  Q33'30 | | min. Earth dist. | -1594 Oct 25 j 00:47 | 19°  Y47'35 | 4.10647 AU |
| retrograde | -1599 Feb 27 j 21:06 | 29°  Q18'04 | | opposition | -1594 Oct 26 j 06:27 | 19°  Y37'27 | -1°18'48 |
| opposition | -1599 Apr 29 j 21:18 | 24°  Q25'40 | 1°11'41 | direct | -1594 Dec 23 j 21:27 | 14°  Y38'07 | |
| min. Earth dist. | -1599 May 01 j 03:39 | 24°  Q16'00 | 4.26896 AU | | -1593 Apr 13 j 13:38 | 0°  B | |
| direct | -1599 Jun 30 j 17:35 | 19°  Q28'09 | | evening set | -1593 Apr 29 j 10:43 | 3°  B33'07 | |
| | -1599 Sep 28 j 11:40 | 0°  M | | | | | |
| evening set | -1599 Nov 03 j 00:50 | 7°  M45'51 | | conjunction | -1593 May 13 j 05:32 | 6°  B41'07 | -0°35'00 |
| max. Earth dist. | -1599 Nov 14 j 05:18 | 10°  M20'14 | 6.20834 AU | minimum elong | -1593 May 13 j 05:35 | 6°  B41'09 | 0°34'59 |
| | | | | max. Earth dist. | -1593 May 14 j 23:10 | 7°  B04'49 | 6.16716 AU |
| conjunction | -1599 Nov 15 j 15:43 | 10°  M40'06 | 0°30'26 | morning rise | -1593 May 27 j 00:29 | 9°  B48'59 | |
| minimum elong | -1599 Nov 15 j 15:45 | 10°  M40'07 | 0°30'25 | | -1593 Jun 19 j 12:26 | 15°  B | |
| morning rise | -1599 Nov 28 j 06:33 | 13°  M34'38 | | retrograde | -1593 Sep 30 j 00:58 | 28°  B25'42 | |
| | -1599 Dec 04 j 12:01 | 15°  M | | opposition | -1593 Nov 28 j 13:36 | 23°  B23'25 | -0°21'05 |
| | -1598 Feb 24 j 01:28 | 0°  Z | | min. Earth dist. | -1593 Nov 27 j 17:43 | 23°  B30'08 | 4.22993 AU |
| retrograde | -1598 Apr 03 j 17:59 | 2°  Z15'11 | | direct | -1592 Jan 27 j 08:18 | 18°  B21'28 | |
| | -1598 May 12 j 19:29 | 30°  R  M | | asc. node | -1592 Apr 09 j 13:18 | 25°  B44'07 | |
| opposition | -1598 Jun 03 j 17:26 | 27°  M20'28 | 0°13'29 | | -1592 May 01 j 21:13 | 0°  II | |
| min. Earth dist. | -1598 Jun 04 j 11:55 | 27°  M14'31 | 4.14600 AU | evening set | -1592 Jun 02 j 13:57 | 6°  II45'26 | |
| direct | -1598 Aug 03 j 07:53 | 22°  M25'37 | | | | | |
| desc. node | -1598 Aug 23 j 19:45 | 23°  M05'46 | | conjunction | -1592 Jun 16 j 05:44 | 9°  II46'56 | 0°07'18 |
| | -1598 Oct 15 j 04:37 | 0°  Z | | minimum elong | -1592 Jun 16 j 05:43 | 9°  II46'56 | 0°07'19 |
| evening set | -1598 Dec 06 j 00:12 | 11°  Z12'27 | | behind sun begin | -1592 Jun 15 j 22:09 | 9°  II42'45 | |
| | | | | behind sun end | -1592 Jun 16 j 13:16 | 9°  II51'06 | |
| conjunction | -1598 Dec 18 j 18:48 | 14°  Z13'25 | -0°13'13 | max. Earth dist. | -1592 Jun 16 j 22:52 | 9°  II56'26 | 6.29045 AU |
| minimum elong | -1598 Dec 18 j 18:47 | 14°  Z13'25 | 0°13'15 | morning rise | -1592 Jun 29 j 19:55 | 12°  II47'23 | |
| behind sun begin | -1598 Dec 18 j 13:58 | 14°  Z10'35 | | | -1592 Oct 14 j 01:56 | 0°  B | |
| behind sun end | -1598 Dec 18 j 23:36 | 14°  Z16'15 | | retrograde | -1592 Oct 30 j 14:59 | 0°  B26'33 | |
| max. Earth dist. | -1598 Dec 18 j 04:41 | 14°  Z05'05 | 6.08841 AU | | -1592 Nov 16 j 00:27 | 30°  R  II | |
| morning rise | -1598 Dec 31 j 15:21 | 17°  Z15'34 | | opposition | -1592 Dec 29 j 08:15 | 25°  II28'05 | 0°40'04 |
| | -1597 Mar 01 j 06:48 | 0°  Z | | min. Earth dist. | -1592 Dec 29 j 05:21 | 25°  II29'02 | 4.34232 AU |

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Attention, astronomical year style is used: The year -1591 in astronomical counting style is the year 1592 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|--------------------------------|------------|------------------|----------------------|--------------------------------|------------|
| direct | -1591 Feb 28 j 11:57 | 20° Π 24'45 | | desc. node | -1586 Jul 04 j 22:03 | 28° Π 59'53 | |
| | -1591 May 26 j 04:20 | 0° \mathfrak{D} | | direct | -1586 Aug 08 j 00:31 | 27° Π 12'33 | |
| evening set | -1591 Jul 05 j 22:09 | 8° \mathfrak{D} 23'20 | | | -1586 Sep 19 j 11:33 | 0° \mathfrak{A} | |
| | | | | evening set | -1586 Dec 10 j 17:30 | 16° \mathfrak{A} 06'00 | |
| conjunction | -1591 Jul 19 j 06:38 | 11° \mathfrak{D} 17'55 | 0°45'49 | | | | |
| minimum elong | -1591 Jul 19 j 06:35 | 11° \mathfrak{D} 17'53 | 0°45'51 | conjunction | -1586 Dec 23 j 13:10 | 19° \mathfrak{A} 08'18 | -0°19'21 |
| max. Earth dist. | -1591 Jul 18 j 22:30 | 11° \mathfrak{D} 13'29 | 6.38332 AU | minimum elong | -1586 Dec 23 j 13:08 | 19° \mathfrak{A} 08'17 | 0°19'22 |
| morning rise | -1591 Aug 01 j 12:01 | 14° \mathfrak{D} 10'56 | | max. Earth dist. | -1586 Dec 23 j 04:06 | 19° \mathfrak{A} 02'55 | 6.06760 AU |
| | -1591 Nov 02 j 03:58 | 0° Ω | | morning rise | -1585 Jan 05 j 10:37 | 22° \mathfrak{A} 11'48 | |
| retrograde | -1591 Nov 30 j 04:27 | 1° Ω 13'54 | | | -1585 Feb 08 j 19:54 | 0° \mathfrak{B} | |
| | -1591 Dec 28 j 04:32 | 30° $\mathfrak{R}\mathfrak{D}$ | | retrograde | -1585 May 15 j 19:58 | 12° \mathfrak{B} 02'54 | |
| opposition | -1590 Jan 29 j 07:16 | 26° \mathfrak{D} 19'04 | 1°27'20 | opposition | -1585 Jul 15 j 08:29 | 7° \mathfrak{B} 04'04 | -1°01'07 |
| min. Earth dist. | -1590 Jan 29 j 20:19 | 26° \mathfrak{D} 14'49 | 4.41031 AU | min. Earth dist. | -1585 Jul 15 j 05:04 | 7° \mathfrak{B} 05'12 | 4.02247 AU |
| direct | -1590 Apr 01 j 10:57 | 21° \mathfrak{D} 15'47 | | direct | -1585 Sep 12 j 08:37 | 2° \mathfrak{B} 10'52 | |
| | -1590 Jun 23 j 10:37 | 0° Ω | | evening set | -1584 Jan 14 j 23:43 | 21° \mathfrak{B} 30'25 | |
| evening set | -1590 Aug 06 j 19:05 | 9° Ω 00'49 | | | | | |
| max. Earth dist. | -1590 Aug 18 j 11:37 | 11° Ω 33'19 | 6.42038 AU | conjunction | -1584 Jan 28 j 01:46 | 24° \mathfrak{B} 38'49 | -0°58'01 |
| | | | | minimum elong | -1584 Jan 28 j 01:43 | 24° \mathfrak{B} 38'47 | 0°58'03 |
| conjunction | -1590 Aug 19 j 18:43 | 11° Ω 50'16 | 1°10'33 | max. Earth dist. | -1584 Jan 28 j 21:00 | 24° \mathfrak{B} 50'22 | 5.99326 AU |
| minimum elong | -1590 Aug 19 j 18:41 | 11° Ω 50'15 | 1°10'33 | morning rise | -1584 Feb 10 j 07:02 | 27° \mathfrak{B} 48'57 | |
| morning rise | -1590 Sep 01 j 15:17 | 14° Ω 38'14 | | | -1584 Feb 19 j 12:18 | 0° \approx | |
| | -1590 Sep 03 j 07:31 | 15° Ω | | | -1584 May 06 j 05:07 | 15° \approx | |
| | -1590 Nov 29 j 07:11 | 0° \mathfrak{M} | | retrograde | -1584 Jun 21 j 12:39 | 18° \approx 16'13 | |
| retrograde | -1590 Dec 30 j 19:59 | 1° \mathfrak{M} 31'35 | | | -1584 Aug 07 j 03:12 | 15° $\mathfrak{R}\approx$ | |
| | -1589 Jan 31 j 10:01 | 30° $\mathfrak{R}\Omega$ | | opposition | -1584 Aug 20 j 15:17 | 13° \approx 13'30 | -1°45'28 |
| opposition | -1589 Mar 01 j 07:14 | 26° Ω 39'14 | 1°49'59 | min. Earth dist. | -1584 Aug 19 j 16:18 | 13° \approx 21'13 | 3.98410 AU |
| min. Earth dist. | -1589 Mar 02 j 10:45 | 26° Ω 30'24 | 4.41557 AU | direct | -1584 Oct 17 j 16:25 | 8° \approx 19'32 | |
| direct | -1589 May 03 j 00:30 | 21° Ω 37'10 | | | -1584 Dec 22 j 17:28 | 15° \approx | |
| | -1589 Jul 22 j 22:01 | 0° \mathfrak{M} | | evening set | -1583 Feb 19 j 19:32 | 27° \approx 49'08 | |
| evening set | -1589 Sep 06 j 18:55 | 9° \mathfrak{M} 22'19 | | | -1583 Feb 28 j 23:20 | 0° \mathfrak{H} | |
| max. Earth dist. | -1589 Sep 17 j 15:25 | 11° \mathfrak{M} 45'32 | 6.39232 AU | | | | |
| | | | | conjunction | -1583 Mar 05 j 05:17 | 1° \mathfrak{H} 00'53 | -1°15'07 |
| conjunction | -1589 Sep 19 j 11:54 | 12° \mathfrak{M} 10'05 | 1°15'41 | minimum elong | -1583 Mar 05 j 05:17 | 1° \mathfrak{H} 00'52 | 1°15'07 |
| minimum elong | -1589 Sep 19 j 11:54 | 12° \mathfrak{M} 10'05 | 1°15'42 | max. Earth dist. | -1583 Mar 07 j 00:50 | 1° \mathfrak{H} 26'53 | 5.99323 AU |
| morning rise | -1589 Oct 02 j 02:25 | 14° \mathfrak{M} 56'45 | | morning rise | -1583 Mar 18 j 18:10 | 4° \mathfrak{H} 14'12 | |
| | -1589 Dec 24 j 18:35 | 0° \mathfrak{L} | | retrograde | -1583 Jul 28 j 13:00 | 24° \mathfrak{H} 33'43 | |
| retrograde | -1588 Jan 31 j 07:31 | 2° \mathfrak{L} 07'31 | | min. Earth dist. | -1583 Sep 24 j 21:38 | 19° \mathfrak{H} 39'23 | 4.02359 AU |
| | -1588 Mar 09 j 05:48 | 30° $\mathfrak{R}\mathfrak{M}$ | | opposition | -1583 Sep 26 j 05:06 | 19° \mathfrak{H} 28'39 | -1°48'44 |
| opposition | -1588 Apr 01 j 03:36 | 27° \mathfrak{M} 15'53 | 1°42'37 | direct | -1583 Nov 23 j 05:48 | 14° \mathfrak{H} 32'02 | |
| min. Earth dist. | -1588 Apr 02 j 12:38 | 27° \mathfrak{M} 05'22 | 4.35655 AU | | -1582 Mar 12 j 09:19 | 0° \mathfrak{Y} | |
| direct | -1588 Jun 02 j 15:46 | 22° \mathfrak{M} 16'00 | | evening set | -1582 Mar 29 j 01:55 | 3° \mathfrak{Y} 49'35 | |
| | -1588 Aug 18 j 03:50 | 0° \mathfrak{L} | | | | | |
| evening set | -1588 Oct 06 j 16:51 | 10° \mathfrak{L} 14'34 | | conjunction | -1582 Apr 11 j 18:20 | 7° \mathfrak{Y} 00'55 | -1°03'25 |
| max. Earth dist. | -1588 Oct 17 j 10:31 | 12° \mathfrak{L} 39'24 | 6.30663 AU | minimum elong | -1582 Apr 11 j 18:23 | 7° \mathfrak{Y} 00'57 | 1°03'24 |
| | | | | max. Earth dist. | -1582 Apr 13 j 21:53 | 7° \mathfrak{Y} 31'00 | 6.06786 AU |
| conjunction | -1588 Oct 19 j 07:01 | 13° \mathfrak{L} 04'31 | 0°59'32 | morning rise | -1582 Apr 25 j 12:38 | 10° \mathfrak{Y} 13'02 | |
| minimum elong | -1588 Oct 19 j 07:03 | 13° \mathfrak{L} 04'33 | 0°59'30 | retrograde | -1582 Sep 01 j 14:43 | 29° \mathfrak{Y} 44'10 | |
| morning rise | -1588 Oct 31 j 19:48 | 15° \mathfrak{L} 54'03 | | min. Earth dist. | -1582 Oct 29 j 21:11 | 24° \mathfrak{Y} 49'35 | 4.12481 AU |
| | -1587 Jan 12 j 16:24 | 0° \mathfrak{M} | | opposition | -1582 Oct 31 j 02:43 | 24° \mathfrak{Y} 39'31 | -1°11'34 |
| retrograde | -1587 Mar 04 j 12:00 | 3° \mathfrak{M} 46'29 | | direct | -1582 Dec 28 j 20:15 | 19° \mathfrak{Y} 39'44 | |
| | -1587 Apr 25 j 18:33 | 30° $\mathfrak{R}\mathfrak{L}$ | | | -1581 Mar 26 j 03:05 | 0° \mathfrak{B} | |
| opposition | -1587 May 04 j 11:56 | 28° \mathfrak{L} 53'55 | 1°05'00 | evening set | -1581 May 04 j 12:45 | 8° \mathfrak{B} 29'33 | |
| min. Earth dist. | -1587 May 05 j 18:08 | 28° \mathfrak{L} 44'18 | 4.24877 AU | | | | |
| direct | -1587 Jul 05 j 04:42 | 23° \mathfrak{L} 56'49 | | conjunction | -1581 May 18 j 07:19 | 11° \mathfrak{B} 36'37 | -0°29'17 |
| | -1587 Sep 08 j 18:13 | 0° \mathfrak{M} | | minimum elong | -1581 May 18 j 07:22 | 11° \mathfrak{B} 36'38 | 0°29'15 |
| evening set | -1587 Nov 07 j 10:16 | 12° \mathfrak{M} 19'54 | | max. Earth dist. | -1581 May 19 j 20:56 | 11° \mathfrak{B} 57'56 | 6.18719 AU |
| | -1587 Nov 18 j 23:07 | 15° \mathfrak{M} | | morning rise | -1581 Jun 01 j 02:02 | 14° \mathfrak{B} 43'26 | |
| max. Earth dist. | -1587 Nov 18 j 15:18 | 14° \mathfrak{M} 55'27 | 6.18610 AU | | -1581 Jun 02 j 07:33 | 15° \mathfrak{B} | |
| | | | | | -1581 Aug 20 j 03:07 | 0° \mathfrak{I} | |
| conjunction | -1587 Nov 20 j 01:26 | 15° \mathfrak{M} 15'15 | 0°24'54 | retrograde | -1581 Oct 04 j 13:56 | 3° \mathfrak{I} 10'24 | |
| minimum elong | -1587 Nov 20 j 01:28 | 15° \mathfrak{M} 15'16 | 0°24'53 | | -1581 Nov 19 j 00:32 | 30° $\mathfrak{R}\mathfrak{B}$ | |
| morning rise | -1587 Dec 02 j 17:08 | 18° \mathfrak{M} 11'04 | | min. Earth dist. | -1581 Dec 02 j 10:11 | 28° \mathfrak{B} 14'19 | 4.24953 AU |
| | -1586 Jan 27 j 17:22 | 0° \mathfrak{A} | | opposition | -1581 Dec 03 j 03:16 | 28° \mathfrak{B} 08'33 | -0°12'09 |
| retrograde | -1586 Apr 08 j 17:11 | 7° \mathfrak{A} 02'16 | | direct | -1580 Feb 01 j 03:45 | 23° \mathfrak{B} 06'17 | |
| opposition | -1586 Jun 08 j 15:34 | 2° \mathfrak{A} 07'07 | 0°04'24 | asc. node | -1580 Feb 17 j 21:19 | 23° \mathfrak{B} 33'06 | |
| min. Earth dist. | -1586 Jun 09 j 07:24 | 2° \mathfrak{A} 02'00 | 4.12336 AU | | -1580 Apr 11 j 19:04 | 0° \mathfrak{I} | |
| | -1586 Jun 25 j 15:32 | 30° $\mathfrak{R}\mathfrak{M}$ | | evening set | -1580 Jun 07 j 08:53 | 11° \mathfrak{I} 25'19 | |

























































































































Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 29

Attention, astronomical year style is used: The year -1580 in astronomical counting style is the year 1581 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------------------------------|------------|------------------|----------------------|-----------------------------------|------------|
| conjunction | -1580 Jun 20 j 23:58 | 14° Π 25'44 | 0°13'14 | evening set | -1575 Nov 12 j 00:28 | 17° \mathbb{M} 06'25 | |
| minimum elong | -1580 Jun 20 j 23:57 | 14° Π 25'43 | 0°13'15 | max. Earth dist. | -1575 Nov 23 j 10:19 | 19° \mathbb{M} 45'22 | 6.16717 AU |
| behind sun begin | -1580 Jun 20 j 19:18 | 14° Π 23'10 | | | | | |
| behind sun end | -1580 Jun 21 j 04:35 | 14° Π 28'17 | | conjunction | -1575 Nov 24 j 16:15 | 20° \mathbb{M} 02'48 | 0°18'56 |
| max. Earth dist. | -1580 Jun 21 j 14:45 | 14° Π 33'54 | 6.30814 AU | minimum elong | -1575 Nov 24 j 16:17 | 20° \mathbb{M} 02'48 | 0°18'55 |
| morning rise | -1580 Jul 04 j 12:53 | 17° Π 24'57 | | morning rise | -1575 Dec 07 j 08:30 | 22° \mathbb{M} 59'42 | |
| | -1580 Sep 06 j 19:36 | 0° \mathfrak{E} | | | -1574 Jan 07 j 16:31 | 0° \mathfrak{A} | |
| retrograde | -1580 Nov 03 j 21:37 | 4° \mathfrak{E} 56'54 | | retrograde | -1574 Apr 13 j 22:03 | 12° \mathfrak{A} 00'06 | |
| opposition | -1579 Jan 02 j 17:11 | 29° Π 59'00 | 0°47'52 | desc. node | -1574 May 14 j 06:50 | 10° \mathfrak{A} 35'29 | |
| | -1579 Jan 02 j 14:10 | 30° \mathfrak{R} Π | | opposition | -1574 Jun 13 j 18:12 | 7° \mathfrak{A} 04'32 | -0°05'08 |
| min. Earth dist. | -1579 Jan 02 j 16:02 | 29° Π 59'23 | 4.35689 AU | min. Earth dist. | -1574 Jun 14 j 08:05 | 7° \mathfrak{A} 00'03 | 4.10606 AU |
| direct | -1579 Mar 05 j 00:23 | 24° Π 55'38 | | direct | -1574 Aug 12 j 22:49 | 2° \mathfrak{A} 10'19 | |
| | -1579 May 04 j 16:29 | 0° \mathfrak{E} | | evening set | -1574 Dec 15 j 14:26 | 21° \mathfrak{A} 08'06 | |
| evening set | -1579 Jul 10 j 11:13 | 12° \mathfrak{E} 50'59 | | | | | |
| conjunction | -1579 Jul 23 j 18:16 | 15° \mathfrak{E} 44'37 | 0°50'18 | conjunction | -1574 Dec 28 j 10:47 | 24° \mathfrak{A} 11'20 | -0°25'32 |
| minimum elong | -1579 Jul 23 j 18:13 | 15° \mathfrak{E} 44'35 | 0°50'19 | minimum elong | -1574 Dec 28 j 10:45 | 24° \mathfrak{A} 11'19 | 0°25'33 |
| max. Earth dist. | -1579 Jul 23 j 05:07 | 15° \mathfrak{E} 37'27 | 6.39355 AU | max. Earth dist. | -1574 Dec 28 j 04:58 | 24° \mathfrak{A} 07'52 | 6.05366 AU |
| morning rise | -1579 Aug 05 j 22:28 | 18° \mathfrak{E} 36'43 | | morning rise | -1573 Jan 10 j 09:24 | 27° \mathfrak{A} 15'55 | |
| | -1579 Oct 02 j 21:52 | 0° \mathcal{O} | | | -1573 Jan 22 j 01:17 | 0° \mathfrak{B} | |
| retrograde | -1579 Dec 04 j 11:29 | 5° \mathcal{O} 36'19 | | retrograde | -1573 May 21 j 02:12 | 17° \mathfrak{B} 13'54 | |
| opposition | -1578 Feb 02 j 14:45 | 0° \mathcal{O} 41'56 | 1°32'09 | opposition | -1573 Jul 20 j 14:43 | 12° \mathfrak{B} 14'28 | -1°09'15 |
| min. Earth dist. | -1578 Feb 03 j 07:11 | 0° \mathcal{O} 36'35 | 4.41580 AU | min. Earth dist. | -1573 Jul 20 j 07:00 | 12° \mathfrak{B} 17'00 | 4.01367 AU |
| | -1578 Feb 08 j 00:08 | 30° \mathfrak{R} \mathfrak{E} | | direct | -1573 Sep 17 j 09:53 | 7° \mathfrak{B} 21'18 | |
| direct | -1578 Apr 05 j 22:40 | 25° \mathfrak{E} 38'42 | | evening set | -1572 Jan 20 j 02:40 | 26° \mathfrak{B} 42'55 | |
| | -1578 Jun 01 j 06:44 | 0° \mathcal{O} | | | | | |
| evening set | -1578 Aug 11 j 03:47 | 13° \mathcal{O} 22'45 | | conjunction | -1572 Feb 02 j 05:46 | 29° \mathfrak{B} 51'52 | -1°02'00 |
| | -1578 Aug 18 j 14:51 | 15° \mathcal{O} | | minimum elong | -1572 Feb 02 j 05:44 | 29° \mathfrak{B} 51'50 | 1°02'01 |
| max. Earth dist. | -1578 Aug 22 j 17:06 | 15° \mathcal{O} 53'34 | 6.42054 AU | | -1572 Feb 03 j 19:19 | 0° \approx | |
| | | | | max. Earth dist. | -1572 Feb 02 j 06:01 | 0° \approx 06'26 | 5.99037 AU |
| conjunction | -1578 Aug 24 j 02:28 | 16° \mathcal{O} 11'46 | 1°12'31 | morning rise | -1572 Feb 15 j 11:59 | 3° \approx 02'32 | |
| minimum elong | -1578 Aug 24 j 02:27 | 16° \mathcal{O} 11'45 | 1°12'32 | | -1572 Apr 09 j 17:28 | 15° \approx | |
| morning rise | -1578 Sep 05 j 21:55 | 18° \mathcal{O} 59'18 | | retrograde | -1572 Jun 26 j 19:30 | 23° \approx 30'34 | |
| | -1578 Oct 31 j 14:43 | 0° \mathfrak{M} | | opposition | -1572 Aug 25 j 20:18 | 18° \approx 27'21 | -1°48'33 |
| retrograde | -1577 Jan 04 j 02:37 | 5° \mathfrak{M} 53'30 | | min. Earth dist. | -1572 Aug 24 j 19:59 | 18° \approx 35'33 | 3.98758 AU |
| opposition | -1577 Mar 05 j 16:19 | 1° \mathfrak{M} 01'19 | 1°50'48 | | -1572 Sep 23 j 11:09 | 15° \mathfrak{R} \approx | |
| min. Earth dist. | -1577 Mar 06 j 20:28 | 0° \mathfrak{M} 52'18 | 4.41068 AU | direct | -1572 Oct 22 j 21:36 | 13° \approx 33'04 | |
| | -1577 Mar 13 j 17:04 | 30° \mathfrak{R} \mathcal{O} | | | -1572 Nov 21 j 05:10 | 15° \approx | |
| direct | -1577 May 07 j 09:04 | 25° \mathcal{O} 59'28 | | | -1571 Feb 12 j 04:02 | 0° \mathfrak{H} | |
| | -1577 Jun 30 j 06:50 | 0° \mathfrak{M} | | evening set | -1571 Feb 25 j 00:51 | 3° \mathfrak{H} 01'06 | |
| evening set | -1577 Sep 11 j 02:21 | 13° \mathfrak{M} 45'55 | | | | | |
| max. Earth dist. | -1577 Sep 21 j 21:33 | 16° \mathfrak{M} 08'49 | 6.38268 AU | conjunction | -1571 Mar 10 j 11:38 | 6° \mathfrak{H} 12'52 | -1°15'09 |
| | | | | minimum elong | -1571 Mar 10 j 11:38 | 6° \mathfrak{H} 12'53 | 1°15'10 |
| conjunction | -1577 Sep 23 j 18:40 | 16° \mathfrak{M} 33'47 | 1°14'41 | max. Earth dist. | -1571 Mar 12 j 10:18 | 6° \mathfrak{H} 40'38 | 6.00255 AU |
| minimum elong | -1577 Sep 23 j 18:41 | 16° \mathfrak{M} 33'48 | 1°14'41 | morning rise | -1571 Mar 24 j 01:24 | 9° \mathfrak{H} 26'08 | |
| morning rise | -1577 Oct 06 j 08:40 | 19° \mathfrak{M} 20'39 | | retrograde | -1571 Aug 02 j 12:55 | 29° \mathfrak{H} 39'32 | |
| | -1577 Nov 28 j 00:47 | 0° \mathfrak{L} | | min. Earth dist. | -1571 Sep 29 j 20:12 | 24° \mathfrak{H} 45'21 | 4.03777 AU |
| retrograde | -1576 Feb 04 j 20:52 | 6° \mathfrak{L} 36'10 | | opposition | -1571 Oct 01 j 04:25 | 24° \mathfrak{H} 34'22 | -1°45'36 |
| opposition | -1576 Apr 05 j 17:18 | 1° \mathfrak{L} 44'32 | 1°39'05 | direct | -1571 Nov 28 j 05:56 | 19° \mathfrak{H} 37'19 | |
| min. Earth dist. | -1576 Apr 07 j 03:26 | 1° \mathfrak{L} 33'41 | 4.34265 AU | | -1570 Feb 22 j 04:23 | 0° \mathfrak{Y} | |
| | -1576 Apr 19 j 16:46 | 30° \mathfrak{R} \mathfrak{M} | | evening set | -1570 Apr 03 j 04:55 | 8° \mathfrak{Y} 50'29 | |
| direct | -1576 Jun 07 j 04:33 | 26° \mathfrak{M} 45'00 | | | | | |
| | -1576 Jul 24 j 20:45 | 0° \mathfrak{L} | | conjunction | -1570 Apr 16 j 21:45 | 12° \mathfrak{Y} 01'15 | -0°59'42 |
| evening set | -1576 Oct 11 j 02:14 | 14° \mathfrak{L} 46'53 | | minimum elong | -1570 Apr 16 j 21:49 | 12° \mathfrak{Y} 01'16 | 0°59'42 |
| max. Earth dist. | -1576 Oct 21 j 19:17 | 17° \mathfrak{L} 12'00 | 6.28963 AU | max. Earth dist. | -1570 Apr 18 j 22:53 | 12° \mathfrak{Y} 29'47 | 6.08538 AU |
| | | | | morning rise | -1570 Apr 30 j 16:32 | 15° \mathfrak{Y} 12'42 | |
| conjunction | -1576 Oct 23 j 16:18 | 17° \mathfrak{L} 37'30 | 0°55'37 | | -1570 Jul 13 j 02:10 | 0° \mathfrak{B} | |
| minimum elong | -1576 Oct 23 j 16:20 | 17° \mathfrak{L} 37'32 | 0°55'37 | retrograde | -1570 Sep 06 j 06:07 | 4° \mathfrak{B} 34'23 | |
| morning rise | -1576 Nov 05 j 05:24 | 20° \mathfrak{L} 27'50 | | | -1570 Nov 01 j 02:38 | 30° \mathfrak{R} \mathfrak{Y} | |
| | -1576 Dec 20 j 07:39 | 0° \mathbb{M} | | opposition | -1570 Nov 04 j 18:48 | 29° \mathfrak{Y} 29'58 | -1°04'07 |
| retrograde | -1575 Mar 09 j 07:20 | 8° \mathbb{M} 28'13 | | min. Earth dist. | -1570 Nov 03 j 14:59 | 29° \mathfrak{Y} 39'28 | 4.14362 AU |
| opposition | -1575 May 09 j 07:50 | 3° \mathbb{M} 35'21 | 0°57'32 | direct | -1569 Jan 02 j 16:41 | 24° \mathfrak{Y} 29'46 | |
| min. Earth dist. | -1575 May 10 j 11:54 | 3° \mathbb{M} 26'24 | 4.22984 AU | | -1569 Mar 04 j 19:12 | 0° \mathfrak{B} | |
| | -1575 Jun 09 j 21:08 | 30° \mathfrak{R} \mathfrak{L} | | evening set | -1569 May 09 j 10:17 | 13° \mathfrak{B} 14'37 | |
| direct | -1575 Jul 09 j 19:54 | 28° \mathfrak{L} 38'36 | | | -1569 May 17 j 05:39 | 15° \mathfrak{B} | |
| | -1575 Aug 08 j 15:07 | 0° \mathbb{M} | | conjunction | -1569 May 23 j 04:51 | 16° \mathfrak{B} 20'49 | -0°23'34 |
| | -1575 Nov 02 j 19:48 | 15° \mathbb{M} | | minimum elong | -1569 May 23 j 04:53 | 16° \mathfrak{B} 20'50 | 0°23'32 |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 30

Attention, astronomical year style is used: The year -1569 in astronomical counting style is the year 1570 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|--|------------|------------------|----------------------|--|------------|
| max. Earth dist. | -1569 May 24 j 16:29 | 16°  40'56 | 6.20594 AU | opposition | -1563 May 14 j 05:14 | 8°  120'06 | 0°49'36 |
| morning rise | -1569 Jun 05 j 22:53 | 19°  26'35 | | min. Earth dist. | -1563 May 15 j 08:22 | 8°  11'26 | 4.21303 AU |
| | -1569 Jul 26 j 16:43 | 0°  II | | direct | -1563 Jul 14 j 14:16 | 3°  123'46 | |
| retrograde | -1569 Oct 08 j 23:26 | 7°  II44'47 | | | -1563 Oct 16 j 15:04 | 15°  II | |
| opposition | -1569 Dec 07 j 13:14 | 2°  II43'33 | -0°03'28 | evening set | -1563 Nov 16 j 15:17 | 21°  155'15 | |
| min. Earth dist. | -1569 Dec 06 j 22:19 | 2°  II48'34 | 4.26646 AU | max. Earth dist. | -1563 Nov 28 j 03:57 | 24°  136'25 | 6.15133 AU |
| asc. node | -1569 Dec 29 j 12:21 | 29°  856'49 | | | | | |
| | -1569 Dec 29 j 00:54 | 30°  R8 | | conjunction | -1563 Nov 29 j 07:29 | 24°  152'29 | 0°12'50 |
| direct | -1568 Feb 05 j 17:58 | 27°  841'06 | | minimum elong | -1563 Nov 29 j 07:29 | 24°  152'30 | 0°12'47 |
| | -1568 Mar 15 j 22:29 | 0°  II | | behind sun begin | -1563 Nov 29 j 02:22 | 24°  149'31 | |
| evening set | -1568 Jun 12 j 00:41 | 15°  II56'25 | | behind sun end | -1563 Nov 29 j 12:36 | 24°  155'28 | |
| | | | | morning rise | -1563 Dec 12 j 00:31 | 27°  150'23 | |
| conjunction | -1568 Jun 25 j 14:43 | 18°  II55'52 | 0°18'54 | | -1563 Dec 21 j 09:15 | 0°  J | |
| minimum elong | -1568 Jun 25 j 14:42 | 18°  II55'51 | 0°18'56 | desc. node | -1562 Mar 23 j 19:44 | 15°  J55'03 | |
| max. Earth dist. | -1568 Jun 25 j 23:52 | 19°  II00'54 | 6.32192 AU | retrograde | -1562 Apr 18 j 23:53 | 16°  J58'42 | |
| morning rise | -1568 Jul 09 j 02:45 | 21°  II54'07 | | opposition | -1562 Jun 18 j 20:29 | 12°  J02'37 | -0°14'39 |
| | -1568 Aug 16 j 23:12 | 0°  J | | min. Earth dist. | -1562 Jun 19 j 06:27 | 11°  J59'23 | 4.09251 AU |
| retrograde | -1568 Nov 08 j 04:01 | 9°  J20'37 | | direct | -1562 Aug 17 j 19:12 | 7°  J08'38 | |
| opposition | -1567 Jan 07 j 00:05 | 4°  J23'17 | 0°55'10 | evening set | -1562 Dec 20 j 11:01 | 26°  J09'31 | |
| min. Earth dist. | -1567 Jan 07 j 02:09 | 4°  J22'36 | 4.36676 AU | | | | |
| | -1567 Feb 16 j 16:25 | 30°  RII | | conjunction | -1561 Jan 02 j 08:09 | 29°  J13'31 | -0°31'31 |
| direct | -1567 Mar 09 j 11:42 | 29°  II19'51 | | minimum elong | -1561 Jan 02 j 08:07 | 29°  J13'30 | 0°31'33 |
| | -1567 Mar 30 j 11:35 | 0°  J | | max. Earth dist. | -1561 Jan 02 j 07:11 | 29°  J12'56 | 6.04350 AU |
| evening set | -1567 Jul 14 j 21:59 | 17°  J13'38 | | | -1561 Jan 05 j 14:02 | 0°  J | |
| | | | | morning rise | -1561 Jan 15 j 07:36 | 2°  J18'56 | |
| conjunction | -1567 Jul 28 j 04:04 | 20°  J06'36 | 0°54'23 | retrograde | -1561 May 26 j 08:29 | 22°  J22'15 | |
| minimum elong | -1567 Jul 28 j 04:01 | 20°  J06'34 | 0°54'24 | opposition | -1561 Jul 25 j 19:15 | 17°  J22'13 | -1°16'46 |
| max. Earth dist. | -1567 Jul 27 j 12:43 | 19°  J58'14 | 6.39878 AU | min. Earth dist. | -1561 Jul 25 j 09:38 | 17°  J25'24 | 4.00791 AU |
| morning rise | -1567 Aug 10 j 06:53 | 22°  J57'58 | | direct | -1561 Sep 22 j 12:22 | 12°  J29'00 | |
| | -1567 Sep 13 j 02:09 | 0°  J | | | -1560 Jan 17 j 07:47 | 0°  J | |
| retrograde | -1567 Dec 08 j 16:24 | 9°  J56'10 | | evening set | -1560 Jan 25 j 04:07 | 1°  J51'48 | |
| opposition | -1566 Feb 06 j 21:41 | 5°  J02'13 | 1°36'23 | | | | |
| min. Earth dist. | -1566 Feb 07 j 15:22 | 4°  J56'29 | 4.41640 AU | conjunction | -1560 Feb 07 j 08:14 | 5°  J01'14 | -1°05'29 |
| | -1566 Apr 07 j 08:01 | 30°  RJ | | minimum elong | -1560 Feb 07 j 08:11 | 5°  J01'13 | 1°05'30 |
| direct | -1566 Apr 10 j 06:40 | 29°  J59'13 | | max. Earth dist. | -1560 Feb 08 j 12:20 | 5°  J18'06 | 5.98935 AU |
| | -1566 Apr 13 j 05:21 | 0°  J | | morning rise | -1560 Feb 20 j 15:30 | 8°  J12'24 | |
| | -1566 Aug 02 j 18:24 | 15°  J | | | -1560 Mar 21 j 01:14 | 15°  J | |
| evening set | -1566 Aug 15 j 12:08 | 17°  J43'47 | | retrograde | -1560 Jul 01 j 23:42 | 28°  J40'20 | |
| max. Earth dist. | -1566 Aug 26 j 21:00 | 20°  J12'31 | 6.41635 AU | opposition | -1560 Aug 30 j 22:53 | 23°  J36'44 | -1°50'47 |
| | | | | min. Earth dist. | -1560 Aug 29 j 20:37 | 23°  J45'36 | 3.99177 AU |
| conjunction | -1566 Aug 28 j 09:38 | 20°  J32'32 | 1°14'02 | direct | -1560 Oct 27 j 22:26 | 18°  J42'09 | |
| minimum elong | -1566 Aug 28 j 09:37 | 20°  J32'32 | 1°14'04 | | -1559 Jan 25 j 07:40 | 0°  J | |
| morning rise | -1566 Sep 10 j 04:17 | 23°  J19'53 | | evening set | -1559 Mar 02 j 04:24 | 8°  J08'44 | |
| | -1566 Oct 12 j 00:26 | 0°  J | | | | | |
| retrograde | -1565 Jan 08 j 12:45 | 10°  J16'27 | | conjunction | -1559 Mar 15 j 15:59 | 11°  J20'30 | -1°14'39 |
| opposition | -1565 Mar 10 j 02:21 | 5°  J24'31 | 1°50'59 | minimum elong | -1559 Mar 15 j 16:01 | 11°  J20'30 | 1°14'39 |
| min. Earth dist. | -1565 Mar 11 j 08:33 | 5°  J14'51 | 4.40218 AU | max. Earth dist. | -1559 Mar 17 j 14:33 | 11°  J48'07 | 6.01125 AU |
| direct | -1565 May 11 j 20:04 | 0°  J22'59 | | morning rise | -1559 Mar 29 j 06:43 | 14°  J33'42 | |
| evening set | -1565 Sep 15 j 10:25 | 18°  J11'45 | | | -1559 Jun 12 j 11:53 | 0°  J | |
| max. Earth dist. | -1565 Sep 26 j 04:52 | 20°  J34'40 | 6.37054 AU | retrograde | -1559 Aug 07 j 09:50 | 4°  J41'29 | |
| | | | | | -1559 Oct 03 j 04:00 | 30°  RJ | |
| conjunction | -1565 Sep 28 j 02:20 | 20°  J59'54 | 1°13'12 | min. Earth dist. | -1559 Oct 04 j 17:37 | 29°  J47'10 | 4.05001 AU |
| minimum elong | -1565 Sep 28 j 02:21 | 20°  J59'55 | 1°13'12 | opposition | -1559 Oct 06 j 01:42 | 29°  J36'13 | -1°41'48 |
| morning rise | -1565 Oct 10 j 15:56 | 23°  J47'06 | | direct | -1559 Dec 03 j 05:22 | 24°  J38'40 | |
| | -1565 Nov 08 j 17:36 | 0°  J | | | -1558 Jan 31 j 09:00 | 0°  J | |
| retrograde | -1564 Feb 09 j 10:17 | 11°  J08'12 | | evening set | -1558 Apr 08 j 06:37 | 13°  J48'27 | |
| opposition | -1564 Apr 10 j 08:21 | 6°  J16'31 | 1°34'52 | | | | |
| min. Earth dist. | -1564 Apr 11 j 17:03 | 6°  J06'06 | 4.32778 AU | conjunction | -1558 Apr 22 j 00:11 | 16°  J58'49 | -0°55'37 |
| direct | -1564 Jun 11 j 16:03 | 1°  J17'24 | | minimum elong | -1558 Apr 22 j 00:14 | 16°  J58'51 | 0°55'37 |
| evening set | -1564 Oct 15 j 12:36 | 19°  J22'44 | | max. Earth dist. | -1558 Apr 24 j 01:14 | 17°  J27'12 | 6.10025 AU |
| max. Earth dist. | -1564 Oct 26 j 08:12 | 21°  J49'51 | 6.27333 AU | morning rise | -1558 May 05 j 19:03 | 20°  J09'40 | |
| | | | | | -1558 Jun 20 j 07:54 | 0°  J | |
| conjunction | -1564 Oct 28 j 02:41 | 22°  J14'01 | 0°51'19 | retrograde | -1558 Sep 10 j 22:17 | 9°  J22'55 | |
| minimum elong | -1564 Oct 28 j 02:44 | 22°  J14'03 | 0°51'18 | min. Earth dist. | -1558 Nov 08 j 07:56 | 4°  J27'42 | 4.15944 AU |
| morning rise | -1564 Nov 09 j 15:58 | 25°  J05'07 | | opposition | -1558 Nov 09 j 09:56 | 4°  J18'51 | -0°56'20 |
| | -1564 Dec 01 j 20:43 | 0° J | | | -1558 Dec 18 j 00:52 | 30° RJ | |
| retrograde | -1563 Mar 14 j 05:58 | 13° J13'13 | | direct | -1557 Jan 07 j 11:59 | 29° J18'16 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 31

Attention, astronomical year style is used: The year -1557 in astronomical counting style is the year 1558 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-----------|------------|------------------|----------------------|-----------|------------|
| | -1557 Jan 28 j 03:32 | 0°♄ | | retrograde | -1551 Mar 19 j 00:54 | 17°♌55'37 | |
| | -1557 Apr 30 j 19:43 | 15°♄ | | | -1551 May 03 j 05:45 | 15°♌ | |
| evening set | -1557 May 14 j 07:41 | 17°♄59'15 | | opposition | -1551 May 19 j 01:40 | 13°♌02'09 | 0°41'26 |
| | | | | min. Earth dist. | -1551 May 20 j 01:55 | 12°♌54'24 | 4.20046 AU |
| conjunction | -1557 May 28 j 01:52 | 21°♄04'40 | -0°17'42 | direct | -1551 Jul 19 j 05:45 | 8°♌06'13 | |
| minimum elong | -1557 May 28 j 01:53 | 21°♄04'41 | 0°17'41 | | -1551 Sep 27 j 02:58 | 15°♌ | |
| max. Earth dist. | -1557 May 29 j 09:15 | 21°♄22'19 | 6.22138 AU | evening set | -1551 Nov 21 j 05:02 | 26°♌40'03 | |
| morning rise | -1557 Jun 10 j 19:33 | 24°♄09'34 | | | | | |
| | -1557 Jul 07 j 17:37 | 0°♌ | | conjunction | -1551 Dec 03 j 21:36 | 29°♌37'56 | 0°06'45 |
| retrograde | -1557 Oct 13 j 08:52 | 12°♌20'14 | | minimum elong | -1551 Dec 03 j 21:38 | 29°♌37'57 | 0°06'44 |
| asc. node | -1557 Nov 08 j 17:22 | 11°♌12'27 | | behind sun begin | -1551 Dec 03 j 14:09 | 29°♌33'35 | |
| opposition | -1557 Dec 11 j 23:38 | 7°♌19'28 | 0°05'14 | behind sun end | -1551 Dec 04 j 05:07 | 29°♌42'19 | |
| min. Earth dist. | -1557 Dec 11 j 10:52 | 7°♌23'45 | 4.28025 AU | max. Earth dist. | -1551 Dec 02 j 21:35 | 29°♌23'52 | 6.13972 AU |
| direct | -1556 Feb 10 j 08:33 | 2°♌16'44 | | | -1551 Dec 05 j 11:16 | 0°♌ | |
| evening set | -1556 Jun 16 j 16:45 | 20°♌29'13 | | morning rise | -1551 Dec 16 j 15:17 | 2°♌36'38 | |
| | | | | desc. node | -1550 Feb 01 j 16:29 | 12°♌52'05 | |
| conjunction | -1556 Jun 30 j 05:58 | 23°♌27'50 | 0°24'31 | retrograde | -1550 Apr 24 j 01:32 | 21°♌51'26 | |
| minimum elong | -1556 Jun 30 j 05:56 | 23°♌27'49 | 0°24'33 | opposition | -1550 Jun 23 j 20:44 | 16°♌54'51 | -0°23'50 |
| max. Earth dist. | -1556 Jun 30 j 12:26 | 23°♌31'23 | 6.33310 AU | min. Earth dist. | -1550 Jun 24 j 05:02 | 16°♌52'09 | 4.08263 AU |
| morning rise | -1556 Jul 13 j 16:44 | 26°♌25'07 | | direct | -1550 Aug 22 j 16:37 | 12°♌01'04 | |
| | -1556 Jul 30 j 07:52 | 0°♌ | | | -1550 Dec 20 j 17:07 | 0°♌ | |
| retrograde | -1556 Nov 12 j 11:27 | 13°♌47'00 | | evening set | -1550 Dec 25 j 05:14 | 1°♌03'55 | |
| opposition | -1555 Jan 11 j 08:12 | 8°♌50'13 | 1°02'16 | | | | |
| min. Earth dist. | -1555 Jan 11 j 12:25 | 8°♌48'50 | 4.37465 AU | conjunction | -1549 Jan 07 j 03:10 | 4°♌08'35 | -0°37'07 |
| direct | -1555 Mar 13 j 23:08 | 3°♌46'48 | | minimum elong | -1549 Jan 07 j 03:08 | 4°♌08'33 | 0°37'09 |
| evening set | -1555 Jul 19 j 10:01 | 21°♌39'19 | | max. Earth dist. | -1549 Jan 07 j 05:50 | 4°♌10'11 | 6.03623 AU |
| | | | | morning rise | -1549 Jan 20 j 03:33 | 7°♌14'43 | |
| conjunction | -1555 Aug 01 j 14:46 | 24°♌31'37 | 0°58'15 | retrograde | -1549 May 31 j 10:40 | 27°♌22'11 | |
| minimum elong | -1555 Aug 01 j 14:43 | 24°♌31'36 | 0°58'15 | opposition | -1549 Jul 30 j 20:22 | 22°♌21'42 | -1°23'30 |
| max. Earth dist. | -1555 Jul 31 j 18:59 | 24°♌20'50 | 6.40268 AU | min. Earth dist. | -1549 Jul 30 j 08:12 | 22°♌25'44 | 4.00426 AU |
| morning rise | -1555 Aug 14 j 16:31 | 27°♌22'22 | | direct | -1549 Sep 27 j 09:48 | 17°♌28'27 | |
| | -1555 Aug 26 j 22:22 | 0°♌ | | | -1549 Dec 31 j 10:13 | 0°♌ | |
| retrograde | -1555 Dec 13 j 00:41 | 14°♌19'25 | | evening set | -1548 Jan 30 j 02:48 | 6°♌52'07 | |
| opposition | -1554 Feb 11 j 06:19 | 9°♌25'51 | 1°40'12 | | | | |
| min. Earth dist. | -1554 Feb 12 j 02:18 | 9°♌19'23 | 4.41648 AU | conjunction | -1548 Feb 12 j 07:45 | 10°♌01'56 | -1°08'22 |
| direct | -1554 Apr 14 j 17:30 | 4°♌22'58 | | minimum elong | -1548 Feb 12 j 07:42 | 10°♌01'55 | 1°08'23 |
| | -1554 Jul 16 j 14:44 | 15°♌ | | max. Earth dist. | -1548 Feb 13 j 13:22 | 10°♌19'42 | 5.98936 AU |
| evening set | -1554 Aug 19 j 21:28 | 22°♌07'55 | | morning rise | -1548 Feb 25 j 16:06 | 13°♌13'32 | |
| max. Earth dist. | -1554 Aug 31 j 05:23 | 24°♌36'17 | 6.41272 AU | | -1548 Mar 04 j 04:03 | 15°♌ | |
| | | | | | -1548 May 18 j 16:41 | 0°♌ | |
| conjunction | -1554 Sep 01 j 18:10 | 24°♌56'26 | 1°15'12 | retrograde | -1548 Jul 06 j 22:59 | 3°♌41'09 | |
| minimum elong | -1554 Sep 01 j 18:09 | 24°♌56'25 | 1°15'13 | | -1548 Aug 25 j 13:43 | 30°♌ | |
| morning rise | -1554 Sep 14 j 11:44 | 27°♌43'31 | | opposition | -1548 Sep 04 j 21:34 | 28°♌37'13 | -1°52'08 |
| | -1554 Sep 25 j 00:34 | 0°♌ | | min. Earth dist. | -1548 Sep 03 j 18:16 | 28°♌46'28 | 3.99556 AU |
| retrograde | -1553 Jan 12 j 22:03 | 14°♌42'10 | | direct | -1548 Nov 01 j 20:37 | 23°♌42'17 | |
| opposition | -1553 Mar 14 j 13:49 | 9°♌50'23 | 1°50'35 | | -1547 Jan 04 j 21:01 | 0°♌ | |
| min. Earth dist. | -1553 Mar 15 j 19:44 | 9°♌40'50 | 4.39538 AU | evening set | -1547 Mar 07 j 04:56 | 13°♌08'06 | |
| direct | -1553 May 16 j 06:11 | 4°♌49'14 | | | | | |
| evening set | -1553 Sep 19 j 19:13 | 22°♌39'21 | | conjunction | -1547 Mar 20 j 17:42 | 16°♌20'01 | -1°13'37 |
| max. Earth dist. | -1553 Sep 30 j 12:50 | 25°♌02'14 | 6.36119 AU | minimum elong | -1547 Mar 20 j 17:43 | 16°♌20'01 | 1°13'37 |
| | | | | max. Earth dist. | -1547 Mar 22 j 18:12 | 16°♌48'43 | 6.01860 AU |
| conjunction | -1553 Oct 02 j 10:27 | 25°♌27'38 | 1°11'20 | morning rise | -1547 Apr 03 j 09:07 | 19°♌33'13 | |
| minimum elong | -1553 Oct 02 j 10:29 | 25°♌27'38 | 1°11'20 | | -1547 May 20 j 18:22 | 0°♌ | |
| morning rise | -1553 Oct 14 j 23:49 | 28°♌15'06 | | retrograde | -1547 Aug 12 j 06:20 | 9°♌36'04 | |
| | -1553 Oct 22 j 22:27 | 0°♌ | | opposition | -1547 Oct 10 j 20:01 | 4°♌30'54 | -1°37'25 |
| retrograde | -1552 Feb 14 j 02:26 | 15°♌40'51 | | min. Earth dist. | -1547 Oct 09 j 12:56 | 4°♌41'31 | 4.06009 AU |
| opposition | -1552 Apr 15 j 00:23 | 10°♌49'05 | 1°30'06 | | -1547 Nov 21 j 20:22 | 30°♌ | |
| min. Earth dist. | -1552 Apr 16 j 09:18 | 10°♌38'37 | 4.31635 AU | direct | -1547 Dec 08 j 01:30 | 29°♌33'01 | |
| direct | -1552 Jun 16 j 06:54 | 5°♌50'22 | | | -1547 Dec 24 j 08:35 | 0°♌ | |
| evening set | -1552 Oct 19 j 22:50 | 23°♌57'42 | | evening set | -1546 Apr 13 j 06:05 | 18°♌40'32 | |
| max. Earth dist. | -1552 Oct 30 j 20:21 | 26°♌26'20 | 6.26093 AU | | | | |
| | | | | conjunction | -1546 Apr 27 j 00:02 | 21°♌50'36 | -0°51'16 |
| conjunction | -1552 Nov 01 j 13:00 | 26°♌49'31 | 0°46'45 | minimum elong | -1546 Apr 27 j 00:06 | 21°♌50'38 | 0°51'14 |
| minimum elong | -1552 Nov 01 j 13:03 | 26°♌49'32 | 0°46'44 | max. Earth dist. | -1546 Apr 28 j 22:36 | 22°♌17'27 | 6.11224 AU |
| morning rise | -1552 Nov 14 j 02:29 | 29°♌41'14 | | morning rise | -1546 May 10 j 19:21 | 25°♌01'04 | |
| | -1552 Nov 15 j 11:36 | 0°♌ | | | -1546 Jun 02 j 01:25 | 0°♌ | |
| | -1551 Feb 02 j 15:41 | 15°♌ | | retrograde | -1546 Sep 15 j 11:20 | 14°♌07'18 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 32

Attention, astronomical year style is used: The year -1546 in astronomical counting style is the year 1547 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-------------|------------|------------------|----------------------|-------------|------------|
| opposition | -1546 Nov 13 j 23:18 | 9°8'03"37 | -0°48'23 | max. Earth dist. | -1540 Nov 04 j 06:31 | 1°11'01"00 | 6.24560 AU |
| min. Earth dist. | -1546 Nov 12 j 22:08 | 9°8'12"11 | 4.17218 AU | | | | |
| direct | -1545 Jan 12 j 04:16 | 4°8'02"42 | | conjunction | -1540 Nov 05 j 22:20 | 1°11'23"48 | 0°41'54 |
| | -1545 Apr 13 j 07:35 | 15°8' | | minimum elong | -1540 Nov 05 j 22:22 | 1°11'23"50 | 0°41'53 |
| evening set | -1545 May 19 j 03:40 | 22°8'41"06 | | morning rise | -1540 Nov 18 j 12:16 | 4°11'16"20 | |
| | | | | | -1539 Jan 08 j 09:54 | 15°11' | |
| conjunction | -1545 Jun 01 j 21:37 | 25°8'45"52 | -0°11'51 | retrograde | -1539 Mar 23 j 22:28 | 22°11'38"23 | |
| minimum elong | -1545 Jun 01 j 21:38 | 25°8'45"53 | 0°11'50 | opposition | -1539 May 23 j 22:13 | 17°11'44"31 | 0°32'57 |
| behind sun begin | -1545 Jun 01 j 15:57 | 25°8'42"43 | | min. Earth dist. | -1539 May 24 j 21:31 | 17°11'37"02 | 4.18372 AU |
| behind sun end | -1545 Jun 02 j 03:19 | 25°8'49"04 | | | -1539 Jun 15 j 15:32 | 15°11'11' | |
| max. Earth dist. | -1545 Jun 03 j 02:12 | 26°8'01"55 | 6.23419 AU | direct | -1539 Jul 23 j 22:55 | 12°11'48"51 | |
| morning rise | -1545 Jun 15 j 14:38 | 28°8'49"57 | | | -1539 Aug 30 j 17:22 | 15°11' | |
| | -1545 Jun 20 j 21:02 | 0°11' | | | -1539 Nov 19 j 13:47 | 0°11' | |
| asc. node | -1545 Sep 19 j 12:06 | 15°11'37"36 | | evening set | -1539 Nov 25 j 19:05 | 1°11'26"37 | |
| retrograde | -1545 Oct 17 j 19:32 | 16°11'54"13 | | | | | |
| opposition | -1545 Dec 16 j 09:24 | 11°11'54"02 | 0°13'47 | conjunction | -1539 Dec 08 j 12:23 | 4°11'25"29 | 0°00'32 |
| min. Earth dist. | -1545 Dec 15 j 23:06 | 11°11'57"29 | 4.29201 AU | minimum elong | -1539 Dec 08 j 12:23 | 4°11'25"29 | 0°00'30 |
| direct | -1544 Feb 14 j 22:46 | 6°11'51"10 | | behind sun begin | -1539 Dec 08 j 04:22 | 4°11'20"48 | |
| evening set | -1544 Jun 21 j 08:21 | 25°11'01"24 | | behind sun end | -1539 Dec 08 j 20:24 | 4°11'30"11 | |
| | | | | max. Earth dist. | -1539 Dec 07 j 15:32 | 4°11'13"15 | 6.12318 AU |
| conjunction | -1544 Jul 04 j 20:33 | 27°11'59"13 | 0°29'56 | desc. node | -1539 Dec 13 j 01:05 | 5°11'29"22 | |
| minimum elong | -1544 Jul 04 j 20:31 | 27°11'59"11 | 0°29'58 | morning rise | -1539 Dec 21 j 06:48 | 7°11'25"14 | |
| max. Earth dist. | -1544 Jul 04 j 23:23 | 28°11'00"46 | 6.34295 AU | retrograde | -1538 Apr 29 j 03:26 | 26°11'48"23 | |
| | -1544 Jul 14 j 00:32 | 0°11' | | opposition | -1538 Jun 28 j 22:15 | 21°11'51"17 | -0°33'03 |
| morning rise | -1544 Jul 18 j 06:16 | 0°11'55"38 | | min. Earth dist. | -1538 Jun 29 j 03:41 | 21°11'49"31 | 4.06782 AU |
| retrograde | -1544 Nov 16 j 18:15 | 18°11'13"20 | | direct | -1538 Aug 27 j 12:58 | 16°11'57"41 | |
| opposition | -1543 Jan 15 j 16:09 | 13°11'16"59 | 1°08'56 | | -1538 Dec 03 j 19:40 | 0°11' | |
| min. Earth dist. | -1543 Jan 15 j 21:58 | 13°11'15"04 | 4.38215 AU | evening set | -1538 Dec 30 j 02:14 | 6°11'04"33 | |
| direct | -1543 Mar 18 j 09:36 | 8°11'13"31 | | | | | |
| evening set | -1543 Jul 23 j 21:09 | 26°11'04"37 | | conjunction | -1537 Jan 12 j 00:57 | 9°11'10"05 | -0°42'35 |
| max. Earth dist. | -1543 Aug 05 j 03:36 | 28°11'04"41 | 6.40717 AU | minimum elong | -1537 Jan 12 j 00:55 | 9°11'10"04 | 0°42'36 |
| | | | | max. Earth dist. | -1537 Jan 12 j 06:26 | 9°11'13"22 | 6.02435 AU |
| conjunction | -1543 Aug 06 j 00:48 | 28°11'05"15 | 1°01'44 | morning rise | -1537 Jan 25 j 02:29 | 12°11'17"13 | |
| minimum elong | -1543 Aug 06 j 00:45 | 28°11'05"13 | 1°01'46 | | -1537 Apr 26 j 05:33 | 0°11' | |
| | -1543 Aug 10 j 21:40 | 0°11' | | retrograde | -1537 Jun 05 j 16:20 | 2°11'30"32 | |
| morning rise | -1543 Aug 19 j 01:12 | 1°11'04"17 | | | -1537 Jul 16 j 05:21 | 30°11'11'13 | |
| | -1543 Oct 28 j 07:51 | 15°11' | | min. Earth dist. | -1537 Aug 04 j 09:44 | 27°11'34"21 | 3.99666 AU |
| retrograde | -1543 Dec 17 j 07:35 | 18°11'04"15 | | opposition | -1537 Aug 05 j 00:26 | 27°11'29"28 | -1°29'50 |
| | -1542 Feb 06 j 07:23 | 15°11'11'11 | | direct | -1537 Oct 02 j 10:56 | 22°11'36"02 | |
| opposition | -1542 Feb 15 j 14:37 | 13°11'04"43 | 1°43'23 | | -1537 Dec 11 j 11:57 | 0°11' | |
| min. Earth dist. | -1542 Feb 16 j 11:57 | 13°11'04"15 | 4.41765 AU | evening set | -1536 Feb 04 j 05:37 | 12°11'02"04 | |
| direct | -1542 Apr 19 j 03:20 | 8°11'04"00 | | | -1536 Feb 16 j 14:56 | 15°11' | |
| | -1542 Jun 26 j 18:17 | 15°11' | | | | | |
| evening set | -1542 Aug 24 j 05:36 | 26°11'03"31 | | conjunction | -1536 Feb 17 j 11:52 | 15°11'12"33 | -1°10'50 |
| max. Earth dist. | -1542 Sep 04 j 09:34 | 28°11'05"58 | 6.41004 AU | minimum elong | -1536 Feb 17 j 11:50 | 15°11'12"32 | 1°10'52 |
| | | | | max. Earth dist. | -1536 Feb 18 j 22:13 | 15°11'33"09 | 5.98674 AU |
| conjunction | -1542 Sep 06 j 01:12 | 29°11'01"42 | 1°15'56 | morning rise | -1536 Mar 01 j 21:12 | 18°11'24"43 | |
| minimum elong | -1542 Sep 06 j 01:11 | 29°11'01"42 | 1°15'56 | | -1536 Apr 23 j 07:23 | 0°11' | |
| | -1542 Sep 09 j 04:30 | 0°11' | | retrograde | -1536 Jul 12 j 04:28 | 8°11'52"27 | |
| morning rise | -1542 Sep 18 j 18:04 | 2°11'05"35 | | min. Earth dist. | -1536 Sep 08 j 20:28 | 3°11'57"44 | 3.99848 AU |
| retrograde | -1541 Jan 17 j 08:12 | 19°11'06"02 | | opposition | -1536 Sep 10 j 00:32 | 3°11'48"14 | -1°52'41 |
| opposition | -1541 Mar 19 j 00:29 | 14°11'14"16 | 1°49'33 | | -1536 Oct 12 j 07:36 | 30°11'11' | |
| min. Earth dist. | -1541 Mar 20 j 07:43 | 14°11'04"18 | 4.38885 AU | direct | -1536 Nov 06 j 23:00 | 28°11'53"00 | |
| direct | -1541 May 20 j 16:49 | 9°11'13"19 | | | -1536 Dec 02 j 15:08 | 0°11' | |
| evening set | -1541 Sep 24 j 02:26 | 27°11'04"34 | | evening set | -1535 Mar 12 j 10:25 | 18°11'18"07 | |
| max. Earth dist. | -1541 Oct 04 j 20:43 | 29°11'02"09 | 6.35112 AU | | | | |
| | | | | conjunction | -1535 Mar 26 j 00:02 | 21°11'30"05 | -1°11'59 |
| conjunction | -1541 Oct 06 j 17:25 | 29°11'03"06 | 1°09'04 | minimum elong | -1535 Mar 26 j 00:03 | 21°11'30"06 | 1°12'00 |
| minimum elong | -1541 Oct 06 j 17:27 | 29°11'03"07 | 1°09'05 | max. Earth dist. | -1535 Mar 28 j 01:02 | 21°11'59"00 | 6.02669 AU |
| | -1541 Oct 07 j 05:46 | 0°11' | | morning rise | -1535 Apr 08 j 16:27 | 24°11'43"19 | |
| morning rise | -1541 Oct 19 j 06:22 | 2°11'40"50 | | | -1535 May 01 j 17:46 | 0°11' | |
| retrograde | -1540 Feb 18 j 15:41 | 20°11'11"35 | | retrograde | -1535 Aug 17 j 04:13 | 14°11'40"15 | |
| opposition | -1540 Apr 19 j 15:09 | 15°11'19"37 | 1°24'50 | min. Earth dist. | -1535 Oct 14 j 10:04 | 9°11'46"04 | 4.07276 AU |
| min. Earth dist. | -1540 Apr 20 j 23:02 | 15°11'09"29 | 4.30317 AU | opposition | -1535 Oct 15 j 18:04 | 9°11'35"09 | -1°32'09 |
| direct | -1540 Jun 20 j 18:13 | 10°11'21"16 | | direct | -1535 Dec 13 j 01:19 | 4°11'36"51 | |
| evening set | -1540 Oct 24 j 08:09 | 28°11'31"20 | | evening set | -1534 Apr 18 j 09:35 | 23°11'40"55 | |
| | -1540 Oct 30 j 19:51 | 0°11' | | | | | |

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Attention, astronomical year style is used: The year -1534 in astronomical counting style is the year 1535 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|------------------------------|------------|------------------|----------------------|------------------------------|------------|
| conjunction | -1534 May 02 j 03:56 | 26° Υ 50'25 | -0°46'24 | minimum elong | -1529 Oct 10 j 20:40 | 4° Ω 09'56 | 1°06'29 |
| minimum elong | -1534 May 02 j 03:59 | 26° Υ 50'27 | 0°46'23 | morning rise | -1529 Oct 23 j 09:38 | 6° Ω 58'09 | |
| max. Earth dist. | -1534 May 04 j 01:30 | 27° Υ 16'35 | 6.12882 AU | retrograde | -1528 Feb 23 j 04:21 | 24° Ω 35'15 | |
| morning rise | -1534 May 15 j 23:13 | 0° \mathcal{B} 00'08 | | opposition | -1528 Apr 24 j 03:21 | 19° Ω 43'07 | 1°19'15 |
| | -1534 May 15 j 22:59 | 0° \mathcal{B} | | min. Earth dist. | -1528 Apr 25 j 11:35 | 19° Ω 32'51 | 4.28593 AU |
| | -1534 Jul 31 j 02:30 | 15° \mathcal{B} | | direct | -1528 Jun 25 j 03:31 | 14° Ω 45'03 | |
| retrograde | -1534 Sep 20 j 04:02 | 18° \mathcal{B} 57'11 | | | -1528 Oct 15 j 08:08 | 0° \mathcal{M} | |
| | -1534 Nov 10 j 10:47 | 15° $\mathcal{R}\mathcal{B}$ | | evening set | -1528 Oct 28 j 15:13 | 2° \mathcal{M} 59'40 | |
| opposition | -1534 Nov 18 j 15:12 | 13° \mathcal{B} 53'53 | -0°39'55 | max. Earth dist. | -1528 Nov 08 j 15:50 | 5° \mathcal{M} 31'15 | 6.22520 AU |
| min. Earth dist. | -1534 Nov 17 j 16:03 | 14° \mathcal{B} 01'45 | 4.19098 AU | | | | |
| direct | -1533 Jan 17 j 01:26 | 8° \mathcal{B} 52'39 | | conjunction | -1528 Nov 10 j 05:52 | 5° \mathcal{M} 53'07 | 0°36'56 |
| | -1533 Mar 23 j 10:32 | 15° \mathcal{B} | | minimum elong | -1528 Nov 10 j 05:54 | 5° \mathcal{M} 53'08 | 0°36'55 |
| evening set | -1533 May 24 j 01:21 | 27° \mathcal{B} 25'59 | | morning rise | -1528 Nov 22 j 20:09 | 8° \mathcal{M} 46'42 | |
| | -1533 Jun 04 j 13:39 | 0° \mathcal{I} | | | -1528 Dec 20 j 21:00 | 15° \mathcal{M} | |
| | | | | retrograde | -1527 Mar 28 j 18:08 | 27° \mathcal{M} 18'26 | |
| conjunction | -1533 Jun 06 j 18:47 | 0° \mathcal{I} 29'41 | -0°05'52 | opposition | -1527 May 28 j 17:19 | 22° \mathcal{M} 24'16 | 0°24'25 |
| minimum elong | -1533 Jun 06 j 18:48 | 0° \mathcal{I} 29'42 | 0°05'50 | min. Earth dist. | -1527 May 29 j 15:00 | 22° \mathcal{M} 17'19 | 4.16157 AU |
| behind sun begin | -1533 Jun 06 j 10:51 | 0° \mathcal{I} 25'17 | | direct | -1527 Jul 28 j 12:47 | 17° \mathcal{M} 28'59 | |
| behind sun end | -1533 Jun 07 j 02:45 | 0° \mathcal{I} 34'07 | | desc. node | -1527 Oct 24 j 09:15 | 27° \mathcal{M} 57'35 | |
| max. Earth dist. | -1533 Jun 07 j 21:18 | 0° \mathcal{I} 44'30 | 6.25389 AU | | -1527 Nov 03 j 00:13 | 0° \mathcal{J} | |
| morning rise | -1533 Jun 20 j 10:59 | 3° \mathcal{I} 32'35 | | evening set | -1527 Nov 30 j 09:22 | 6° \mathcal{J} 13'06 | |
| asc. node | -1533 Jul 30 j 18:33 | 12° \mathcal{I} 01'58 | | max. Earth dist. | -1527 Dec 12 j 08:13 | 9° \mathcal{J} 01'59 | 6.10121 AU |
| retrograde | -1533 Oct 22 j 03:20 | 21° \mathcal{I} 27'54 | | | | | |
| opposition | -1533 Dec 20 j 19:28 | 16° \mathcal{I} 28'12 | 0°22'12 | conjunction | -1527 Dec 13 j 03:16 | 9° \mathcal{J} 13'14 | -0°05'40 |
| min. Earth dist. | -1533 Dec 20 j 10:14 | 16° \mathcal{I} 31'17 | 4.31105 AU | minimum elong | -1527 Dec 13 j 03:15 | 9° \mathcal{J} 13'13 | 0°05'42 |
| direct | -1532 Feb 19 j 12:21 | 11° \mathcal{I} 25'11 | | behind sun begin | -1527 Dec 12 j 19:32 | 9° \mathcal{J} 08'41 | |
| evening set | -1532 Jun 25 j 22:46 | 29° \mathcal{I} 30'30 | | behind sun end | -1527 Dec 13 j 10:58 | 9° \mathcal{J} 17'45 | |
| | -1532 Jun 28 j 04:57 | 0° \mathcal{E} | | morning rise | -1527 Dec 25 j 22:47 | 12° \mathcal{J} 14'22 | |
| | | | | | -1526 Mar 31 j 01:22 | 0° \mathcal{Z} | |
| conjunction | -1532 Jul 09 j 09:44 | 2° \mathcal{E} 27'06 | 0°35'06 | retrograde | -1526 May 04 j 07:46 | 1° \mathcal{Z} 48'10 | |
| minimum elong | -1532 Jul 09 j 09:42 | 2° \mathcal{E} 27'05 | 0°35'06 | | -1526 Jun 07 j 16:45 | 30° $\mathcal{R}\mathcal{J}$ | |
| max. Earth dist. | -1532 Jul 09 j 09:01 | 2° \mathcal{E} 26'43 | 6.35985 AU | opposition | -1526 Jul 04 j 00:30 | 26° \mathcal{J} 50'33 | -0°42'01 |
| morning rise | -1532 Jul 22 j 18:06 | 5° \mathcal{E} 22'17 | | min. Earth dist. | -1526 Jul 04 j 03:02 | 26° \mathcal{J} 49'43 | 4.04798 AU |
| retrograde | -1532 Nov 20 j 23:46 | 22° \mathcal{E} 33'45 | | direct | -1526 Sep 01 j 10:19 | 21° \mathcal{J} 57'04 | |
| opposition | -1531 Jan 19 j 22:27 | 17° \mathcal{E} 37'55 | 1°15'00 | | -1526 Nov 14 j 13:23 | 0° \mathcal{Z} | |
| min. Earth dist. | -1531 Jan 20 j 07:14 | 17° \mathcal{E} 35'02 | 4.39569 AU | evening set | -1525 Jan 04 j 00:58 | 11° \mathcal{Z} 10'02 | |
| direct | -1531 Mar 22 j 20:36 | 12° \mathcal{E} 34'30 | | | | | |
| | -1531 Jul 26 j 12:11 | 0° \mathcal{Q} | | conjunction | -1525 Jan 17 j 00:57 | 14° \mathcal{Z} 16'48 | -0°47'44 |
| evening set | -1531 Jul 28 j 05:14 | 0° \mathcal{Q} 22'09 | | minimum elong | -1525 Jan 17 j 00:54 | 14° \mathcal{Z} 16'46 | 0°47'44 |
| max. Earth dist. | -1531 Aug 09 j 06:39 | 2° \mathcal{Q} 59'19 | 6.41603 AU | max. Earth dist. | -1525 Jan 17 j 12:08 | 14° \mathcal{Z} 23'30 | 6.00862 AU |
| | | | | morning rise | -1525 Jan 30 j 03:33 | 17° \mathcal{Z} 25'08 | |
| | | | | | -1525 Mar 28 j 18:45 | 0° \mathcal{A} | |
| conjunction | -1531 Aug 10 j 07:36 | 3° \mathcal{Q} 12'54 | 1°04'45 | retrograde | -1525 Jun 11 j 02:00 | 7° \mathcal{A} 45'30 | |
| minimum elong | -1531 Aug 10 j 07:33 | 3° \mathcal{Q} 12'53 | 1°04'47 | opposition | -1525 Aug 10 j 06:43 | 2° \mathcal{A} 43'55 | -1°35'28 |
| morning rise | -1531 Aug 23 j 06:47 | 6° \mathcal{Q} 02'06 | | min. Earth dist. | -1525 Aug 09 j 13:48 | 2° \mathcal{A} 49'34 | 3.98696 AU |
| | -1531 Oct 06 j 08:21 | 15° \mathcal{Q} | | | -1525 Sep 01 j 01:06 | 30° $\mathcal{R}\mathcal{Z}$ | |
| retrograde | -1531 Dec 21 j 10:38 | 22° \mathcal{Q} 55'27 | | direct | -1525 Oct 07 j 13:41 | 27° \mathcal{Z} 50'24 | |
| opposition | -1530 Feb 19 j 19:38 | 18° \mathcal{Q} 02'27 | 1°45'52 | | -1525 Nov 12 j 16:54 | 0° \mathcal{A} | |
| min. Earth dist. | -1530 Feb 20 j 18:50 | 17° \mathcal{Q} 54'58 | 4.42143 AU | | -1524 Jan 30 j 16:00 | 15° \mathcal{A} | |
| | -1530 Mar 17 j 05:33 | 15° $\mathcal{R}\mathcal{Q}$ | | evening set | -1524 Feb 09 j 11:39 | 17° \mathcal{A} 19'29 | |
| direct | -1530 Apr 23 j 09:33 | 12° \mathcal{Q} 59'52 | | | | | |
| | -1530 May 30 j 19:42 | 15° \mathcal{Q} | | conjunction | -1524 Feb 22 j 18:54 | 20° \mathcal{A} 30'35 | -1°12'43 |
| | -1530 Aug 25 j 01:43 | 0° \mathcal{M} | | minimum elong | -1524 Feb 22 j 18:53 | 20° \mathcal{A} 30'34 | 1°12'43 |
| evening set | -1530 Aug 28 j 09:45 | 0° \mathcal{M} 43'26 | | max. Earth dist. | -1524 Feb 24 j 08:07 | 20° \mathcal{A} 52'53 | 5.98372 AU |
| max. Earth dist. | -1530 Sep 08 j 11:58 | 3° \mathcal{M} 09'02 | 6.40829 AU | morning rise | -1524 Mar 07 j 05:36 | 23° \mathcal{A} 43'25 | |
| | | | | | -1524 Apr 03 j 08:41 | 0° \mathcal{H} | |
| conjunction | -1530 Sep 10 j 04:33 | 3° \mathcal{M} 31'19 | 1°16'12 | retrograde | -1524 Jul 17 j 09:33 | 14° \mathcal{H} 10'36 | |
| minimum elong | -1530 Sep 10 j 04:33 | 3° \mathcal{M} 31'19 | 1°16'12 | min. Earth dist. | -1524 Sep 13 j 22:26 | 9° \mathcal{H} 16'27 | 4.00264 AU |
| morning rise | -1530 Sep 22 j 20:29 | 6° \mathcal{M} 17'56 | | opposition | -1524 Sep 15 j 05:10 | 9° \mathcal{H} 06'01 | -1°52'15 |
| retrograde | -1529 Jan 21 j 13:59 | 23° \mathcal{M} 20'20 | | direct | -1524 Nov 12 j 02:47 | 4° \mathcal{H} 10'21 | |
| opposition | -1529 Mar 23 j 07:33 | 18° \mathcal{M} 28'42 | 1°47'55 | evening set | -1523 Mar 17 j 18:22 | 23° \mathcal{H} 34'04 | |
| min. Earth dist. | -1529 Mar 24 j 16:06 | 18° \mathcal{M} 18'20 | 4.38153 AU | | | | |
| direct | -1529 May 24 j 23:15 | 13° \mathcal{M} 28'04 | | conjunction | -1523 Mar 31 j 08:59 | 26° \mathcal{H} 45'58 | -1°09'43 |
| | -1529 Sep 22 j 03:17 | 0° \mathcal{A} | | minimum elong | -1523 Mar 31 j 09:01 | 26° \mathcal{H} 46'00 | 1°09'43 |
| evening set | -1529 Sep 28 j 06:06 | 1° \mathcal{A} 21'03 | | max. Earth dist. | -1523 Apr 02 j 11:35 | 27° \mathcal{H} 15'45 | 6.03744 AU |
| max. Earth dist. | -1529 Oct 08 j 21:36 | 3° \mathcal{A} 43'35 | 6.33858 AU | morning rise | -1523 Apr 14 j 02:02 | 29° \mathcal{H} 58'58 | |
| | | | | | -1523 Apr 14 j 03:49 | 0° \mathcal{Y} | |
| conjunction | -1529 Oct 10 j 20:38 | 4° \mathcal{A} 09'55 | 1°06'29 | | | | |

Attention, astronomical year style is used: The year -1523 in astronomical counting style is the year 1524 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---------------------------------|------------|------------------|----------------------|---------------------------------|------------|
| retrograde | -1523 Aug 22 j 04:41 | 19° Υ 48'24 | | evening set | -1517 Oct 02 j 14:49 | 5° Ω 50'10 | |
| min. Earth dist. | -1523 Oct 19 j 10:10 | 14° Υ 53'51 | 4.08835 AU | max. Earth dist. | -1517 Oct 13 j 07:36 | 8° Ω 13'54 | 6.32350 AU |
| opposition | -1523 Oct 20 j 17:08 | 14° Υ 43'16 | -1°26'05 | | | | |
| direct | -1523 Dec 18 j 04:30 | 9° Υ 44'25 | | conjunction | -1517 Oct 15 j 05:15 | 8° Ω 39'33 | 1°03'25 |
| evening set | -1522 Apr 23 j 13:52 | 28° Υ 43'47 | | minimum elong | -1517 Oct 15 j 05:17 | 8° Ω 39'34 | 1°03'24 |
| | -1522 Apr 29 j 03:35 | 0° \mathcal{B} | | morning rise | -1517 Oct 27 j 18:03 | 11° Ω 28'22 | |
| | | | | retrograde | -1516 Feb 27 j 22:11 | 29° Ω 12'30 | |
| conjunction | -1522 May 07 j 08:29 | 1° \mathcal{B} 52'33 | -0°41'09 | opposition | -1516 Apr 28 j 21:27 | 24° Ω 20'15 | 1°12'51 |
| minimum elong | -1522 May 07 j 08:32 | 1° \mathcal{B} 52'35 | 0°41'08 | min. Earth dist. | -1516 Apr 30 j 05:10 | 24° Ω 10'09 | 4.26803 AU |
| max. Earth dist. | -1522 May 09 j 05:23 | 2° \mathcal{B} 18'13 | 6.14764 AU | direct | -1516 Jun 29 j 18:22 | 19° Ω 22'37 | |
| morning rise | -1522 May 21 j 03:39 | 5° \mathcal{B} 01'22 | | | -1516 Sep 27 j 23:26 | 0° \mathcal{M} | |
| | -1522 Jul 07 j 00:49 | 15° \mathcal{B} | | evening set | -1516 Nov 02 j 03:56 | 7° \mathcal{M} 41'38 | |
| retrograde | -1522 Sep 24 j 18:31 | 23° \mathcal{B} 48'20 | | max. Earth dist. | -1516 Nov 13 j 05:30 | 10° \mathcal{M} 14'29 | 6.20605 AU |
| min. Earth dist. | -1522 Nov 22 j 08:47 | 18° \mathcal{B} 53'00 | 4.21082 AU | | | | |
| opposition | -1522 Nov 23 j 07:12 | 18° \mathcal{B} 45'24 | -0°31'08 | conjunction | -1516 Nov 14 j 18:45 | 10° \mathcal{M} 36'00 | 0°31'27 |
| | -1522 Dec 24 j 21:07 | 15° \mathcal{R} \mathcal{B} | | minimum elong | -1516 Nov 14 j 18:47 | 10° \mathcal{M} 36'01 | 0°31'26 |
| direct | -1521 Jan 21 j 20:43 | 13° \mathcal{B} 43'49 | | morning rise | -1516 Nov 27 j 09:47 | 13° \mathcal{M} 30'41 | |
| | -1521 Feb 19 j 06:29 | 15° \mathcal{B} | | | -1516 Dec 03 j 22:05 | 15° \mathcal{M} | |
| | -1521 May 18 j 22:57 | 0° \mathcal{I} | | | -1515 Feb 23 j 16:46 | 0° \mathcal{J} | |
| evening set | -1521 May 28 j 23:16 | 2° \mathcal{I} 11'53 | | retrograde | -1515 Apr 02 j 19:31 | 2° \mathcal{J} 11'43 | |
| asc. node | -1521 Jun 08 j 20:55 | 4° \mathcal{I} 37'09 | | | -1515 May 11 j 07:45 | 30° \mathcal{R} \mathcal{M} | |
| | | | | opposition | -1515 Jun 02 j 18:19 | 27° \mathcal{M} 17'09 | 0°15'13 |
| conjunction | -1521 Jun 11 j 15:54 | 5° \mathcal{I} 14'27 | 0°00'19 | min. Earth dist. | -1515 Jun 03 j 13:12 | 27° \mathcal{M} 11'04 | 4.14264 AU |
| minimum elong | -1521 Jun 11 j 15:54 | 5° \mathcal{I} 14'27 | 0°00'21 | direct | -1515 Aug 02 j 08:55 | 22° \mathcal{M} 22'12 | |
| behind sun begin | -1521 Jun 11 j 07:36 | 5° \mathcal{I} 09'52 | | desc. node | -1515 Sep 02 j 12:38 | 23° \mathcal{M} 53'36 | |
| behind sun end | -1521 Jun 12 j 00:12 | 5° \mathcal{I} 19'03 | | | -1515 Oct 14 j 13:00 | 0° \mathcal{J} | |
| max. Earth dist. | -1521 Jun 12 j 13:37 | 5° \mathcal{I} 26'32 | 6.27303 AU | evening set | -1515 Dec 05 j 04:18 | 11° \mathcal{J} 11'11 | |
| morning rise | -1521 Jun 25 j 07:15 | 8° \mathcal{I} 16'08 | | | | | |
| retrograde | -1521 Oct 26 j 13:41 | 26° \mathcal{I} 03'06 | | conjunction | -1515 Dec 17 j 23:04 | 14° \mathcal{J} 12'22 | -0°12'02 |
| opposition | -1521 Dec 25 j 06:07 | 21° \mathcal{I} 03'56 | 0°30'37 | minimum elong | -1515 Dec 17 j 23:04 | 14° \mathcal{J} 12'21 | 0°12'04 |
| min. Earth dist. | -1521 Dec 25 j 00:20 | 21° \mathcal{I} 05'52 | 4.32784 AU | behind sun begin | -1515 Dec 17 j 17:29 | 14° \mathcal{J} 09'04 | |
| direct | -1520 Feb 24 j 04:55 | 16° \mathcal{I} 00'44 | | behind sun end | -1515 Dec 18 j 04:38 | 14° \mathcal{J} 15'38 | |
| | -1520 Jun 11 j 16:16 | 0° \mathcal{E} | | max. Earth dist. | -1515 Dec 17 j 09:29 | 14° \mathcal{J} 04'19 | 6.08455 AU |
| evening set | -1520 Jun 30 j 14:00 | 4° \mathcal{E} 02'06 | | morning rise | -1515 Dec 30 j 19:21 | 17° \mathcal{J} 14'37 | |
| | | | | | -1514 Feb 28 j 11:04 | 0° \mathcal{Z} | |
| conjunction | -1520 Jul 13 j 23:55 | 6° \mathcal{E} 57'42 | 0°40'10 | retrograde | -1514 May 09 j 16:20 | 6° \mathcal{Z} 56'44 | |
| minimum elong | -1520 Jul 13 j 23:52 | 6° \mathcal{E} 57'40 | 0°40'11 | opposition | -1514 Jul 09 j 06:37 | 1° \mathcal{Z} 58'39 | -0°51'01 |
| max. Earth dist. | -1520 Jul 13 j 20:02 | 6° \mathcal{E} 55'35 | 6.37294 AU | min. Earth dist. | -1514 Jul 09 j 06:31 | 1° \mathcal{Z} 58'41 | 4.03551 AU |
| morning rise | -1520 Jul 27 j 06:53 | 9° \mathcal{E} 51'47 | | | -1514 Jul 24 j 19:40 | 30° \mathcal{R} \mathcal{J} | |
| retrograde | -1520 Nov 25 j 04:59 | 26° \mathcal{E} 58'32 | | direct | -1514 Sep 06 j 12:06 | 27° \mathcal{J} 05'23 | |
| opposition | -1519 Jan 24 j 06:24 | 22° \mathcal{E} 03'07 | 1°20'52 | | -1514 Oct 19 j 04:28 | 0° \mathcal{Z} | |
| min. Earth dist. | -1519 Jan 24 j 16:49 | 21° \mathcal{E} 59'43 | 4.40450 AU | evening set | -1513 Jan 09 j 02:54 | 16° \mathcal{Z} 21'31 | |
| direct | -1519 Mar 27 j 06:44 | 16° \mathcal{E} 59'43 | | | | | |
| | -1519 Jul 10 j 02:30 | 0° \mathcal{Q} | | conjunction | -1513 Jan 22 j 03:39 | 19° \mathcal{Z} 28'59 | -0°52'39 |
| evening set | -1519 Aug 01 j 15:32 | 4° \mathcal{Q} 45'36 | | minimum elong | -1513 Jan 22 j 03:36 | 19° \mathcal{Z} 28'57 | 0°52'41 |
| | | | | max. Earth dist. | -1513 Jan 22 j 18:10 | 19° \mathcal{Z} 37'42 | 6.00141 AU |
| conjunction | -1519 Aug 14 j 16:38 | 7° \mathcal{Q} 35'41 | 1°07'34 | morning rise | -1513 Feb 04 j 07:30 | 22° \mathcal{Z} 38'09 | |
| minimum elong | -1519 Aug 14 j 16:36 | 7° \mathcal{Q} 35'40 | 1°07'35 | | -1513 Mar 08 j 07:08 | 0° \mathcal{A} | |
| max. Earth dist. | -1519 Aug 13 j 12:33 | 7° \mathcal{Q} 20'23 | 6.41979 AU | retrograde | -1513 Jun 16 j 08:20 | 13° \mathcal{A} 01'39 | |
| morning rise | -1519 Aug 27 j 14:39 | 10° \mathcal{Q} 24'15 | | opposition | -1513 Aug 15 j 13:11 | 7° \mathcal{A} 59'32 | -1°40'24 |
| | -1519 Sep 18 j 06:58 | 15° \mathcal{Q} | | min. Earth dist. | -1513 Aug 14 j 16:36 | 8° \mathcal{A} 06'25 | 3.98624 AU |
| retrograde | -1519 Dec 25 j 18:44 | 27° \mathcal{Q} 17'02 | | direct | -1513 Oct 12 j 17:02 | 3° \mathcal{A} 05'51 | |
| opposition | -1518 Feb 24 j 04:25 | 22° \mathcal{Q} 24'21 | 1°47'58 | | -1512 Jan 12 j 17:54 | 15° \mathcal{A} | |
| min. Earth dist. | -1518 Feb 25 j 06:13 | 22° \mathcal{Q} 16'03 | 4.42004 AU | evening set | -1512 Feb 14 j 17:18 | 22° \mathcal{A} 34'42 | |
| direct | -1518 Apr 27 j 20:40 | 17° \mathcal{Q} 21'58 | | | | | |
| | -1518 Aug 08 j 17:30 | 0° \mathcal{P} | | conjunction | -1512 Feb 28 j 01:41 | 25° \mathcal{A} 46'01 | -1°14'03 |
| evening set | -1518 Sep 01 j 17:38 | 5° \mathcal{P} 06'00 | | minimum elong | -1512 Feb 28 j 01:40 | 25° \mathcal{A} 46'00 | 1°14'03 |
| max. Earth dist. | -1518 Sep 12 j 16:12 | 7° \mathcal{P} 29'55 | 6.40165 AU | max. Earth dist. | -1512 Feb 29 j 18:37 | 26° \mathcal{A} 10'30 | 5.98935 AU |
| | | | | morning rise | -1512 Mar 12 j 13:14 | 28° \mathcal{A} 58'57 | |
| conjunction | -1518 Sep 14 j 11:37 | 7° \mathcal{P} 53'48 | 1°16'07 | | -1512 Mar 16 j 20:31 | 0° \mathcal{H} | |
| minimum elong | -1518 Sep 14 j 11:37 | 7° \mathcal{P} 53'48 | 1°16'07 | retrograde | -1512 Jul 22 j 13:33 | 19° \mathcal{H} 22'11 | |
| morning rise | -1518 Sep 27 j 02:57 | 10° \mathcal{P} 40'26 | | min. Earth dist. | -1512 Sep 19 j 00:41 | 14° \mathcal{H} 27'48 | 4.01392 AU |
| retrograde | -1517 Jan 26 j 01:10 | 27° \mathcal{P} 46'23 | | opposition | -1512 Sep 20 j 07:26 | 14° \mathcal{H} 17'20 | -1°50'56 |
| opposition | -1517 Mar 27 j 19:49 | 22° \mathcal{P} 54'45 | 1°45'41 | direct | -1512 Nov 17 j 07:20 | 9° \mathcal{H} 21'15 | |
| min. Earth dist. | -1517 Mar 29 j 04:44 | 22° \mathcal{P} 44'16 | 4.37019 AU | evening set | -1511 Mar 22 j 23:02 | 28° \mathcal{H} 41'14 | |
| direct | -1517 May 29 j 09:53 | 17° \mathcal{P} 54'23 | | | -1511 Mar 28 j 13:54 | 0° \mathcal{Y} | |
| | -1517 Sep 05 j 13:47 | 0° \mathcal{U} | | | | | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 35

Attention, astronomical year style is used: The year -1511 in astronomical counting style is the year 1512 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|-------------------------------|------------|------------------|----------------------|-------------------------------|------------|
| conjunction | -1511 Apr 05 j 14:26 | 1° Υ 52'46 | -1°07'00 | conjunction | -1506 Sep 18 j 18:58 | 12° \mathbb{M} 18'28 | 1°15'34 |
| minimum elong | -1511 Apr 05 j 14:29 | 1° Υ 52'47 | 1°07'00 | minimum elong | -1506 Sep 18 j 18:59 | 12° \mathbb{M} 18'28 | 1°15'35 |
| max. Earth dist. | -1511 Apr 07 j 18:14 | 2° Υ 23'06 | 6.05319 AU | morning rise | -1506 Oct 01 j 09:44 | 15° \mathbb{M} 05'16 | |
| morning rise | -1511 Apr 19 j 08:02 | 5° Υ 05'15 | | | -1506 Dec 22 j 18:48 | 0° \mathbb{A} | |
| retrograde | -1511 Aug 26 j 23:16 | 24° Υ 45'42 | | retrograde | -1505 Jan 30 j 14:32 | 2° \mathbb{A} 15'58 | |
| min. Earth dist. | -1511 Oct 24 j 05:17 | 19° Υ 51'16 | 4.10680 AU | | -1505 Mar 10 j 20:18 | 30° \mathbb{R} \mathbb{M} | |
| opposition | -1511 Oct 25 j 12:03 | 19° Υ 40'47 | -1°19'36 | opposition | -1505 Apr 01 j 09:31 | 27° \mathbb{M} 24'24 | 1°42'49 |
| direct | -1511 Dec 23 j 01:41 | 14° Υ 41'33 | | min. Earth dist. | -1505 Apr 02 j 19:19 | 27° \mathbb{M} 13'38 | 4.35649 AU |
| | -1510 Apr 12 j 12:04 | 0° \mathbb{B} | | direct | -1505 Jun 02 j 22:48 | 22° \mathbb{M} 24'26 | |
| evening set | -1510 Apr 28 j 13:59 | 3° \mathbb{B} 35'46 | | | -1505 Aug 17 j 15:26 | 0° \mathbb{A} | |
| | | | | evening set | -1505 Oct 07 j 00:29 | 10° \mathbb{A} 23'25 | |
| conjunction | -1510 May 12 j 08:30 | 6° \mathbb{B} 43'40 | -0°35'47 | max. Earth dist. | -1505 Oct 17 j 16:56 | 12° \mathbb{A} 47'34 | 6.30742 AU |
| minimum elong | -1510 May 12 j 08:33 | 6° \mathbb{B} 43'41 | 0°35'47 | | | | |
| max. Earth dist. | -1510 May 14 j 01:14 | 7° \mathbb{B} 06'51 | 6.16716 AU | conjunction | -1505 Oct 19 j 14:43 | 13° \mathbb{A} 13'23 | 0°59'54 |
| morning rise | -1510 May 26 j 03:32 | 9° \mathbb{B} 51'31 | | minimum elong | -1505 Oct 19 j 14:46 | 13° \mathbb{A} 13'25 | 0°59'53 |
| | -1510 Jun 18 j 10:41 | 15° \mathbb{B} | | morning rise | -1505 Nov 01 j 03:43 | 16° \mathbb{A} 02'56 | |
| retrograde | -1510 Sep 29 j 06:24 | 28° \mathbb{B} 29'02 | | | -1504 Jan 11 j 23:54 | 0° \mathbb{M} | |
| opposition | -1510 Nov 27 j 19:18 | 23° \mathbb{B} 26'35 | -0°22'29 | retrograde | -1504 Mar 03 j 17:09 | 3° \mathbb{M} 54'29 | |
| min. Earth dist. | -1510 Nov 26 j 23:55 | 23° \mathbb{B} 33'09 | 4.22940 AU | | -1504 Apr 26 j 01:58 | 30° \mathbb{R} \mathbb{A} | |
| direct | -1509 Jan 26 j 14:12 | 18° \mathbb{B} 24'41 | | opposition | -1504 May 03 j 17:22 | 29° \mathbb{A} 01'56 | 1°05'53 |
| asc. node | -1509 Apr 19 j 05:53 | 27° \mathbb{B} 32'18 | | min. Earth dist. | -1504 May 04 j 22:49 | 28° \mathbb{A} 52'33 | 4.25060 AU |
| | -1509 May 01 j 18:41 | 0° \mathbb{I} | | direct | -1504 Jul 04 j 10:08 | 24° \mathbb{A} 04'42 | |
| evening set | -1509 Jun 02 j 17:00 | 6° \mathbb{I} 48'21 | | | -1504 Sep 07 j 06:15 | 0° \mathbb{M} | |
| | | | | evening set | -1504 Nov 06 j 17:44 | 12° \mathbb{M} 27'36 | |
| conjunction | -1509 Jun 16 j 09:07 | 9° \mathbb{I} 49'59 | 0°06'16 | | -1504 Nov 17 j 17:35 | 15° \mathbb{M} | |
| minimum elong | -1509 Jun 16 j 09:06 | 9° \mathbb{I} 49'59 | 0°06'17 | max. Earth dist. | -1504 Nov 18 j 00:07 | 15° \mathbb{M} 03'47 | 6.18898 AU |
| behind sun begin | -1509 Jun 16 j 01:16 | 9° \mathbb{I} 45'40 | | | | | |
| behind sun end | -1509 Jun 16 j 16:55 | 9° \mathbb{I} 54'18 | | conjunction | -1504 Nov 19 j 09:01 | 15° \mathbb{M} 22'51 | 0°25'42 |
| max. Earth dist. | -1509 Jun 17 j 04:10 | 10° \mathbb{I} 00'33 | 6.28937 AU | minimum elong | -1504 Nov 19 j 09:02 | 15° \mathbb{M} 22'52 | 0°25'41 |
| morning rise | -1509 Jun 29 j 23:21 | 12° \mathbb{I} 50'33 | | morning rise | -1504 Dec 02 j 00:27 | 18° \mathbb{M} 18'28 | |
| | -1509 Oct 13 j 00:48 | 0° \mathbb{B} | | | -1503 Jan 26 j 09:22 | 0° \mathbb{A} | |
| retrograde | -1509 Oct 30 j 19:39 | 0° \mathbb{B} 30'45 | | retrograde | -1503 Apr 07 j 22:48 | 7° \mathbb{A} 07'45 | |
| | -1509 Nov 17 j 13:04 | 30° \mathbb{R} \mathbb{I} | | opposition | -1503 Jun 07 j 20:06 | 2° \mathbb{A} 12'45 | 0°05'49 |
| opposition | -1509 Dec 29 j 13:52 | 25° \mathbb{I} 32'11 | 0°38'35 | min. Earth dist. | -1503 Jun 08 j 13:02 | 2° \mathbb{A} 07'18 | 4.12713 AU |
| min. Earth dist. | -1509 Dec 29 j 09:58 | 25° \mathbb{I} 33'29 | 4.34077 AU | | -1503 Jun 25 j 15:29 | 30° \mathbb{R} \mathbb{M} | |
| direct | -1508 Feb 28 j 15:44 | 20° \mathbb{I} 28'57 | | desc. node | -1503 Jul 12 j 17:16 | 28° \mathbb{M} 19'42 | |
| | -1508 May 24 j 23:14 | 0° \mathbb{B} | | direct | -1503 Aug 07 j 06:50 | 27° \mathbb{M} 18'07 | |
| evening set | -1508 Jul 05 j 02:21 | 8° \mathbb{B} 27'49 | | | -1503 Sep 18 j 00:21 | 0° \mathbb{A} | |
| | | | | evening set | -1503 Dec 09 j 23:53 | 16° \mathbb{A} 10'32 | |
| conjunction | -1508 Jul 18 j 10:57 | 11° \mathbb{B} 22'35 | 0°44'52 | | | | |
| minimum elong | -1508 Jul 18 j 10:54 | 11° \mathbb{B} 22'33 | 0°44'54 | conjunction | -1503 Dec 22 j 19:12 | 19° \mathbb{A} 12'31 | -0°18'19 |
| max. Earth dist. | -1508 Jul 18 j 01:54 | 11° \mathbb{B} 17'38 | 6.38142 AU | minimum elong | -1503 Dec 22 j 19:11 | 19° \mathbb{A} 12'31 | 0°18'21 |
| morning rise | -1508 Jul 31 j 16:50 | 14° \mathbb{B} 15'51 | | max. Earth dist. | -1503 Dec 22 j 08:25 | 19° \mathbb{A} 06'08 | 6.07188 AU |
| | -1508 Oct 31 j 07:17 | 0° \mathbb{Q} | | morning rise | -1502 Jan 04 j 16:33 | 22° \mathbb{A} 15'45 | |
| retrograde | -1508 Nov 29 j 11:49 | 1° \mathbb{Q} 19'50 | | | -1502 Feb 07 j 19:10 | 0° \mathbb{B} | |
| | -1508 Dec 28 j 14:09 | 30° \mathbb{R} \mathbb{B} | | retrograde | -1502 May 14 j 21:10 | 12° \mathbb{B} 04'20 | |
| opposition | -1507 Jan 28 j 13:17 | 26° \mathbb{B} 24'55 | 1°26'11 | opposition | -1502 Jul 14 j 11:39 | 7° \mathbb{B} 05'36 | -0°59'35 |
| min. Earth dist. | -1507 Jan 29 j 03:07 | 26° \mathbb{B} 20'25 | 4.40825 AU | min. Earth dist. | -1502 Jul 14 j 07:31 | 7° \mathbb{B} 06'57 | 4.02695 AU |
| direct | -1507 Mar 31 j 17:31 | 21° \mathbb{B} 21'37 | | direct | -1502 Sep 11 j 12:08 | 2° \mathbb{B} 12'23 | |
| | -1507 Jun 22 j 02:10 | 0° \mathbb{Q} | | evening set | -1501 Jan 14 j 03:43 | 21° \mathbb{B} 30'19 | |
| evening set | -1507 Aug 06 j 00:24 | 9° \mathbb{Q} 07'17 | | | | | |
| max. Earth dist. | -1507 Aug 17 j 18:13 | 11° \mathbb{Q} 40'29 | 6.41842 AU | conjunction | -1501 Jan 27 j 05:29 | 24° \mathbb{B} 38'22 | -0°57'08 |
| | | | | minimum elong | -1501 Jan 27 j 05:27 | 24° \mathbb{B} 38'20 | 0°57'10 |
| conjunction | -1507 Aug 19 j 00:33 | 11° \mathbb{Q} 57'01 | 1°09'57 | max. Earth dist. | -1501 Jan 28 j 00:53 | 24° \mathbb{B} 50'01 | 5.99759 AU |
| minimum elong | -1507 Aug 19 j 00:31 | 11° \mathbb{Q} 57'00 | 1°09'57 | morning rise | -1501 Feb 09 j 10:14 | 27° \mathbb{B} 48'05 | |
| morning rise | -1507 Aug 31 j 21:25 | 14° \mathbb{Q} 45'12 | | | -1501 Feb 18 j 17:14 | 0° \mathbb{A} | |
| | -1507 Sep 02 j 00:45 | 15° \mathbb{Q} | | | -1501 May 06 j 14:30 | 15° \mathbb{A} | |
| | -1507 Nov 27 j 06:20 | 0° \mathbb{M} | | retrograde | -1501 Jun 21 j 14:47 | 18° \mathbb{A} 13'19 | |
| retrograde | -1507 Dec 30 j 01:25 | 1° \mathbb{M} 39'12 | | | -1501 Aug 06 j 19:57 | 15° \mathbb{R} \mathbb{A} | |
| | -1506 Feb 01 j 00:37 | 30° \mathbb{R} \mathbb{Q} | | opposition | -1501 Aug 20 j 17:39 | 13° \mathbb{A} 10'41 | -1°44'29 |
| opposition | -1506 Feb 28 j 13:09 | 26° \mathbb{Q} 46'46 | 1°49'27 | min. Earth dist. | -1501 Aug 19 j 19:54 | 13° \mathbb{A} 17'59 | 3.98764 AU |
| min. Earth dist. | -1506 Mar 01 j 15:33 | 26° \mathbb{Q} 38'18 | 4.41403 AU | direct | -1501 Oct 17 j 21:04 | 8° \mathbb{A} 16'45 | |
| direct | -1506 May 02 j 04:55 | 21° \mathbb{Q} 44'39 | | | -1501 Dec 23 j 03:42 | 15° \mathbb{A} | |
| | -1506 Jul 21 j 10:52 | 0° \mathbb{M} | | evening set | -1500 Feb 19 j 21:13 | 27° \mathbb{A} 44'45 | |
| evening set | -1506 Sep 06 j 01:44 | 9° \mathbb{M} 30'33 | | | -1500 Feb 29 j 08:23 | 0° \mathbb{H} | |
| max. Earth dist. | -1506 Sep 16 j 23:02 | 11° \mathbb{M} 54'13 | 6.39147 AU | | | | |
| | | | | conjunction | -1500 Mar 04 j 06:36 | 0° \mathbb{H} 56'13 | -1°14'48 |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 36

Attention, astronomical year style is used: The year -1500 in astronomical counting style is the year 1501 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|----------------------------|------------|------------------|----------------------|---------------------------|------------|
| minimum elong | -1500 Mar 04 j 06:35 | 0° X 56'13 | 1°14'49 | minimum elong | -1495 Aug 23 j 09:24 | 16° Ω 20'43 | 1°12'00 |
| max. Earth dist. | -1500 Mar 06 j 02:13 | 1° X 22'14 | 5.99566 AU | morning rise | -1495 Sep 05 j 05:25 | 19° Ω 08'36 | |
| morning rise | -1500 Mar 17 j 19:07 | 4° X 09'16 | | | -1495 Oct 29 j 22:40 | 0° M | |
| retrograde | -1500 Jul 27 j 14:04 | 24° X 28'04 | | retrograde | -1494 Jan 03 j 11:59 | 6° M 03'58 | |
| min. Earth dist. | -1500 Sep 23 j 23:16 | 19° X 33'52 | 4.02470 AU | opposition | -1494 Mar 04 j 23:51 | 1° M 11'48 | 1°50'23 |
| opposition | -1500 Sep 25 j 07:01 | 19° X 23'04 | -1°48'50 | min. Earth dist. | -1494 Mar 06 j 04:14 | 1° M 02'43 | 4.40857 AU |
| direct | -1500 Nov 22 j 06:59 | 14° X 26'34 | | | -1494 Mar 14 j 09:54 | 30° R Ω | |
| | -1499 Mar 11 j 20:42 | 0° Y | | direct | -1494 May 06 j 17:03 | 26° Ω 09'59 | |
| evening set | -1499 Mar 28 j 02:15 | 3° Y 43'23 | | | -1494 Jun 28 j 06:40 | 0° M | |
| | | | | evening set | -1494 Sep 10 j 10:35 | 13° M 57'16 | |
| conjunction | -1499 Apr 10 j 18:13 | 6° Y 54'33 | -1°03'51 | max. Earth dist. | -1494 Sep 21 j 07:09 | 16° M 20'52 | 6.38275 AU |
| minimum elong | -1499 Apr 10 j 18:16 | 6° Y 54'35 | 1°03'51 | | | | |
| max. Earth dist. | -1499 Apr 12 j 19:56 | 7° Y 23'34 | 6.06731 AU | conjunction | -1494 Sep 23 j 03:17 | 16° M 45'17 | 1°14'37 |
| morning rise | -1499 Apr 24 j 12:26 | 10° Y 06'37 | | minimum elong | -1494 Sep 23 j 03:18 | 16° M 45'18 | 1°14'37 |
| retrograde | -1499 Aug 31 j 16:22 | 29° Y 38'54 | | morning rise | -1494 Oct 05 j 17:28 | 19° M 32'14 | |
| min. Earth dist. | -1499 Oct 29 j 00:07 | 24° Y 44'06 | 4.12264 AU | | -1494 Nov 26 j 07:15 | 0° Ω | |
| opposition | -1499 Oct 30 j 05:18 | 24° Y 34'08 | -1°12'41 | retrograde | -1493 Feb 04 j 03:10 | 6° Ω 47'13 | |
| direct | -1499 Dec 27 j 22:46 | 19° Y 34'27 | | opposition | -1493 Apr 06 j 00:15 | 1° Ω 55'37 | 1°39'20 |
| | -1498 Mar 25 j 14:04 | 0° Z | | min. Earth dist. | -1493 Apr 07 j 08:42 | 1° Ω 45'18 | 4.34529 AU |
| evening set | -1498 May 03 j 12:55 | 8° Z 24'36 | | | -1493 Apr 21 j 13:33 | 30° R M | |
| | | | | direct | -1493 Jun 07 j 10:44 | 26° M 56'06 | |
| conjunction | -1498 May 17 j 07:39 | 11° Z 31'51 | -0°30'15 | | -1493 Jul 23 j 17:53 | 0° Ω | |
| minimum elong | -1498 May 17 j 07:41 | 11° Z 31'52 | 0°30'13 | evening set | -1493 Oct 11 j 10:37 | 14° Ω 57'20 | |
| max. Earth dist. | -1498 May 18 j 22:56 | 11° Z 54'07 | 6.18362 AU | max. Earth dist. | -1493 Oct 22 j 05:16 | 17° Ω 23'10 | 6.29481 AU |
| morning rise | -1498 May 31 j 02:14 | 14° Z 38'49 | | | | | |
| | -1498 Jun 01 j 15:57 | 15° Z | | conjunction | -1493 Oct 24 j 00:42 | 17° Ω 47'45 | 0°56'04 |
| | -1498 Aug 19 j 13:59 | 0° II | | minimum elong | -1493 Oct 24 j 00:45 | 17° Ω 47'47 | 0°56'04 |
| retrograde | -1498 Oct 03 j 17:54 | 3° II 08'03 | | morning rise | -1493 Nov 05 j 13:43 | 20° Ω 37'51 | |
| | -1498 Nov 17 j 20:50 | 30° R Z | | | -1493 Dec 19 j 20:24 | 0° M | |
| opposition | -1498 Dec 02 j 07:04 | 28° Z 06'08 | -0°13'45 | retrograde | -1492 Mar 08 j 13:29 | 8° M 35'38 | |
| min. Earth dist. | -1498 Dec 01 j 13:28 | 28° Z 12'04 | 4.24488 AU | opposition | -1492 May 08 j 13:11 | 3° M 42'53 | 0°58'33 |
| direct | -1497 Jan 31 j 05:53 | 23° Z 03'59 | | min. Earth dist. | -1492 May 09 j 17:58 | 3° M 33'43 | 4.23724 AU |
| asc. node | -1497 Feb 27 j 08:02 | 24° Z 12'48 | | | -1492 Jun 10 j 14:16 | 30° R Ω | |
| | -1497 Apr 12 j 01:25 | 0° II | | direct | -1492 Jul 09 j 03:37 | 28° Ω 46'05 | |
| evening set | -1497 Jun 07 j 10:53 | 11° II 24'16 | | | -1492 Aug 06 j 12:04 | 0° M | |
| | | | | | -1492 Nov 01 j 16:45 | 15° M | |
| conjunction | -1497 Jun 21 j 02:03 | 14° II 25'00 | 0°12'07 | evening set | -1492 Nov 11 j 06:51 | 17° M 11'31 | |
| minimum elong | -1497 Jun 21 j 02:02 | 14° II 24'59 | 0°12'08 | | | | |
| behind sun begin | -1497 Jun 20 j 20:33 | 14° II 21'58 | | conjunction | -1492 Nov 23 j 22:25 | 20° M 07'27 | 0°19'53 |
| behind sun end | -1497 Jun 21 j 07:30 | 14° II 28'00 | | minimum elong | -1492 Nov 23 j 22:26 | 20° M 07'28 | 0°19'51 |
| max. Earth dist. | -1497 Jun 21 j 15:49 | 14° II 32'36 | 6.30259 AU | max. Earth dist. | -1492 Nov 22 j 15:28 | 19° M 49'28 | 6.17605 AU |
| morning rise | -1497 Jul 04 j 15:29 | 17° II 24'38 | | morning rise | -1492 Dec 06 j 14:33 | 23° M 03'54 | |
| | -1497 Sep 06 j 20:14 | 0° Z | | | -1491 Jan 06 j 16:11 | 0° Z | |
| retrograde | -1497 Nov 04 j 03:45 | 4° Z 59'09 | | retrograde | -1491 Apr 12 j 22:05 | 12° Z 00'04 | |
| opposition | -1496 Jan 02 j 22:26 | 0° Z 01'07 | 0°46'22 | desc. node | -1491 May 23 j 05:54 | 9° Z 36'07 | |
| min. Earth dist. | -1496 Jan 02 j 21:33 | 0° Z 01'25 | 4.35093 AU | opposition | -1491 Jun 12 j 20:10 | 7° Z 04'35 | -0°03'26 |
| | -1496 Jan 03 j 01:48 | 30° R II | | min. Earth dist. | -1491 Jun 13 j 09:31 | 7° Z 00'17 | 4.11564 AU |
| direct | -1496 Mar 04 j 04:53 | 24° II 57'45 | | direct | -1491 Aug 12 j 01:25 | 2° Z 10'15 | |
| | -1496 May 03 j 13:14 | 0° Z | | evening set | -1491 Dec 14 j 17:27 | 21° Z 04'57 | |
| evening set | -1496 Jul 09 j 15:28 | 12° Z 54'56 | | | | | |
| | | | | conjunction | -1491 Dec 27 j 13:29 | 24° Z 07'38 | -0°24'20 |
| conjunction | -1496 Jul 22 j 23:06 | 15° Z 49'00 | 0°49'23 | minimum elong | -1491 Dec 27 j 13:27 | 24° Z 07'36 | 0°24'21 |
| minimum elong | -1496 Jul 22 j 23:03 | 15° Z 48'58 | 0°49'25 | max. Earth dist. | -1491 Dec 27 j 07:21 | 24° Z 03'59 | 6.06284 AU |
| max. Earth dist. | -1496 Jul 22 j 12:00 | 15° Z 42'56 | 6.38777 AU | morning rise | -1490 Jan 09 j 11:34 | 27° Z 11'35 | |
| morning rise | -1496 Aug 05 j 03:34 | 18° Z 41'29 | | | -1490 Jan 21 j 11:34 | 0° Z | |
| | -1496 Oct 01 j 13:03 | 0° Ω | | retrograde | -1490 May 20 j 00:55 | 17° Z 05'27 | |
| retrograde | -1496 Dec 03 j 17:55 | 5° Ω 43'17 | | opposition | -1490 Jul 19 j 13:48 | 12° Z 06'10 | -1°07'28 |
| opposition | -1495 Feb 01 j 21:21 | 0° Ω 48'50 | 1°31'07 | min. Earth dist. | -1490 Jul 19 j 08:06 | 12° Z 08'03 | 4.02123 AU |
| min. Earth dist. | -1495 Feb 02 j 12:20 | 0° Ω 43'58 | 4.41070 AU | direct | -1490 Sep 16 j 12:03 | 7° Z 12'58 | |
| | -1495 Feb 08 j 04:15 | 30° R Z | | evening set | -1489 Jan 19 j 01:59 | 26° Z 32'05 | |
| direct | -1495 Apr 05 j 03:04 | 25° Z 45'42 | | | | | |
| | -1495 May 30 j 15:23 | 0° Ω | | conjunction | -1489 Feb 01 j 04:40 | 29° Z 40'36 | -1°01'04 |
| evening set | -1495 Aug 10 j 10:32 | 13° Ω 31'24 | | minimum elong | -1489 Feb 01 j 04:37 | 29° Z 40'35 | 1°01'04 |
| | -1495 Aug 17 j 05:32 | 15° Ω | | max. Earth dist. | -1489 Feb 02 j 03:16 | 29° Z 54'10 | 5.99557 AU |
| max. Earth dist. | -1495 Aug 21 j 23:52 | 16° Ω 02'24 | 6.41670 AU | | -1489 Feb 02 j 12:59 | 0° \approx | |
| | | | | morning rise | -1489 Feb 14 j 10:28 | 2° \approx 50'51 | |
| conjunction | -1495 Aug 23 j 09:26 | 16° Ω 20'44 | 1°11'59 | | -1489 Apr 10 j 17:49 | 15° \approx | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 37

Attention, astronomical year style is used: The year -1489 in astronomical counting style is the year 1490 BCE in historical counting style.

| | | | | | | |
|------------------|----------------------|----------------------------------|------------------|----------------------|-----------------------------|------------|
| retrograde | -1489 Jun 26 j 16:40 | 23° \approx 16'57 | opposition | -1483 Feb 06 j 05:35 | 5° Ω 12'33 | 1°35'28 |
| opposition | -1489 Aug 25 j 18:06 | 18° \approx 13'57 -1°47'39 | min. Earth dist. | -1483 Feb 06 j 22:48 | 5° Ω 06'58 | 4.41348 AU |
| min. Earth dist. | -1489 Aug 24 j 18:21 | 18° \approx 21'56 3.98990 AU | direct | -1483 Apr 09 j 14:04 | 0° Ω 09'27 | |
| | -1489 Sep 21 j 02:27 | 15° \approx | | -1483 Aug 01 j 05:34 | 15° Ω | |
| direct | -1489 Oct 22 j 19:19 | 13° \approx 19'46 | evening set | -1483 Aug 14 j 19:35 | 17° Ω 54'33 | |
| | -1489 Nov 23 j 09:41 | 15° \approx | max. Earth dist. | -1483 Aug 26 j 07:37 | 20° Ω 24'53 | 6.41591 AU |
| | -1488 Feb 13 j 01:25 | 0° H | | | | |
| evening set | -1488 Feb 24 j 22:10 | 2° H 47'10 | conjunction | -1483 Aug 27 j 17:36 | 20° Ω 43'28 | 1°13'36 |
| | | | minimum elong | -1483 Aug 27 j 17:35 | 20° Ω 43'27 | 1°13'37 |
| conjunction | -1488 Mar 09 j 08:28 | 5° H 58'47 -1°14'59 | morning rise | -1483 Sep 09 j 12:24 | 23° Ω 30'55 | |
| minimum elong | -1488 Mar 09 j 08:28 | 5° H 58'47 1°15'00 | | -1483 Oct 10 j 10:28 | 0° H | |
| max. Earth dist. | -1488 Mar 11 j 04:07 | 6° H 24'46 6.00173 AU | retrograde | -1482 Jan 07 j 19:20 | 10° H 27'08 | |
| morning rise | -1488 Mar 22 j 22:01 | 9° H 11'57 | opposition | -1482 Mar 09 j 09:38 | 5° H 35'05 | 1°50'39 |
| retrograde | -1488 Aug 01 j 10:35 | 29° H 26'45 | min. Earth dist. | -1482 Mar 10 j 14:12 | 5° H 25'56 | 4.40418 AU |
| min. Earth dist. | -1488 Sep 28 j 19:45 | 24° H 32'23 4.03389 AU | direct | -1482 May 11 j 02:17 | 0° H 33'29 | |
| opposition | -1488 Sep 30 j 03:17 | 24° H 21'37 -1°46'03 | evening set | -1482 Sep 14 j 18:19 | 18° H 21'29 | |
| direct | -1488 Nov 27 j 04:42 | 19° H 24'41 | max. Earth dist. | -1482 Sep 25 j 12:57 | 20° H 44'23 | 6.37479 AU |
| | -1487 Feb 22 j 01:33 | 0° Y | | | | |
| evening set | -1487 Apr 02 j 02:30 | 8° Y 39'16 | conjunction | -1482 Sep 27 j 10:14 | 21° H 09'30 | 1°13'15 |
| | | | minimum elong | -1482 Sep 27 j 10:16 | 21° H 09'31 | 1°13'14 |
| conjunction | -1487 Apr 15 j 19:23 | 11° Y 50'16 -1°00'21 | morning rise | -1482 Oct 10 j 00:05 | 23° H 56'36 | |
| minimum elong | -1487 Apr 15 j 19:26 | 11° Y 50'18 1°00'21 | | -1482 Nov 07 j 07:59 | 0° Δ | |
| max. Earth dist. | -1487 Apr 17 j 21:28 | 12° Y 19'25 6.07906 AU | retrograde | -1481 Feb 08 j 17:04 | 11° Δ 15'37 | |
| morning rise | -1487 Apr 29 j 13:53 | 15° Y 01'58 | opposition | -1481 Apr 10 j 14:04 | 6° Δ 23'55 | 1°35'17 |
| | -1487 Jul 12 j 23:17 | 0° B | min. Earth dist. | -1481 Apr 11 j 23:30 | 6° Δ 13'17 | 4.33385 AU |
| retrograde | -1487 Sep 05 j 08:48 | 4° B 27'14 | direct | -1481 Jun 11 j 23:46 | 1° Δ 24'39 | |
| | -1487 Oct 30 j 06:58 | 30° K Y | evening set | -1481 Oct 15 j 19:11 | 19° Δ 28'07 | |
| opposition | -1487 Nov 03 j 20:24 | 29° Y 22'48 -1°05'31 | max. Earth dist. | -1481 Oct 26 j 14:40 | 21° Δ 54'54 | 6.28073 AU |
| min. Earth dist. | -1487 Nov 02 j 16:41 | 29° Y 32'15 4.13565 AU | | | | |
| direct | -1486 Jan 01 j 17:03 | 24° Y 22'46 | conjunction | -1481 Oct 28 j 09:20 | 22° Δ 19'07 | 0°51'55 |
| | -1486 Mar 04 j 10:36 | 0° B | minimum elong | -1481 Oct 28 j 09:22 | 22° Δ 19'08 | 0°51'54 |
| evening set | -1486 May 08 j 10:23 | 13° B 10'03 | morning rise | -1481 Nov 09 j 22:31 | 25° Δ 09'52 | |
| | -1486 May 16 j 13:19 | 15° B | | -1481 Dec 01 j 19:26 | 0° M | |
| | | | retrograde | -1480 Mar 13 j 07:13 | 13° M 14'34 | |
| conjunction | -1486 May 22 j 04:55 | 16° B 16'41 -0°24'38 | opposition | -1480 May 13 j 08:07 | 8° M 21'29 | 0°50'51 |
| minimum elong | -1486 May 22 j 04:57 | 16° B 16'42 0°24'37 | min. Earth dist. | -1480 May 14 j 10:40 | 8° M 13'00 | 4.22127 AU |
| max. Earth dist. | -1486 May 23 j 16:15 | 16° B 36'40 6.19694 AU | direct | -1480 Jul 13 j 17:32 | 3° M 25'01 | |
| morning rise | -1486 Jun 04 j 23:22 | 19° B 22'58 | | -1480 Oct 15 j 20:04 | 15° M | |
| | -1486 Jul 25 j 22:06 | 0° II | evening set | -1480 Nov 15 j 19:39 | 21° M 54'06 | |
| retrograde | -1486 Oct 08 j 03:59 | 7° II 45'13 | max. Earth dist. | -1480 Nov 27 j 07:32 | 24° M 34'30 | 6.15959 AU |
| opposition | -1486 Dec 06 j 17:44 | 2° II 43'45 -0°05'07 | | | | |
| min. Earth dist. | -1486 Dec 06 j 02:02 | 2° II 49'03 4.25743 AU | conjunction | -1480 Nov 28 j 11:38 | 24° M 50'53 | 0°13'55 |
| | -1486 Dec 28 j 05:47 | 30° K B | minimum elong | -1480 Nov 28 j 11:38 | 24° M 50'54 | 0°13'53 |
| asc. node | -1485 Jan 08 j 01:58 | 28° B 55'09 | behind sun begin | -1480 Nov 28 j 07:19 | 24° M 48'23 | |
| direct | -1485 Feb 04 j 20:38 | 27° B 41'20 | behind sun end | -1480 Nov 28 j 15:58 | 24° M 53'24 | |
| | -1485 Mar 15 j 22:47 | 0° II | morning rise | -1480 Dec 11 j 04:22 | 27° M 48'19 | |
| evening set | -1485 Jun 12 j 03:51 | 15° II 59'11 | | -1480 Dec 20 j 17:13 | 0° J | |
| | | | desc. node | -1479 Apr 02 j 12:39 | 16° J 30'22 | |
| conjunction | -1485 Jun 25 j 18:21 | 18° II 59'09 0°17'49 | retrograde | -1479 Apr 18 j 00:33 | 16° J 52'52 | |
| minimum elong | -1485 Jun 25 j 18:20 | 18° II 59'08 0°17'51 | opposition | -1479 Jun 17 j 20:35 | 11° J 56'54 | -0°12'47 |
| max. Earth dist. | -1485 Jun 26 j 05:55 | 19° II 05'32 6.31371 AU | min. Earth dist. | -1479 Jun 18 j 08:35 | 11° J 53'01 | 4.09980 AU |
| morning rise | -1485 Jul 09 j 06:39 | 21° II 57'52 | direct | -1479 Aug 16 j 22:19 | 7° J 02'47 | |
| | -1485 Aug 16 j 17:45 | 0° E | evening set | -1479 Dec 19 j 12:29 | 26° J 01'36 | |
| retrograde | -1485 Nov 08 j 11:37 | 9° E 27'23 | | | | |
| opposition | -1484 Jan 07 j 06:48 | 4° E 29'53 0°53'47 | conjunction | -1478 Jan 01 j 09:23 | 29° J 05'15 | -0°30'16 |
| min. Earth dist. | -1484 Jan 07 j 07:44 | 4° E 29'35 4.35988 AU | minimum elong | -1478 Jan 01 j 09:20 | 29° J 05'14 | 0°30'18 |
| | -1484 Feb 18 j 17:23 | 30° K II | max. Earth dist. | -1478 Jan 01 j 06:34 | 29° J 03'35 | 6.04911 AU |
| direct | -1484 Mar 08 j 16:43 | 29° II 26'30 | | -1478 Jan 05 j 05:16 | 0° Z | |
| | -1484 Mar 27 j 20:17 | 0° E | morning rise | -1478 Jan 14 j 08:30 | 2° Z 10'15 | |
| evening set | -1484 Jul 14 j 04:00 | 17° E 21'58 | retrograde | -1478 May 25 j 06:02 | 22° Z 10'58 | |
| | | | opposition | -1478 Jul 24 j 17:36 | 17° Z 11'11 | -1°15'04 |
| conjunction | -1484 Jul 27 j 10:20 | 20° E 15'16 0°53'34 | min. Earth dist. | -1478 Jul 24 j 08:50 | 17° Z 14'05 | 4.01121 AU |
| minimum elong | -1484 Jul 27 j 10:17 | 20° E 15'15 0°53'34 | direct | -1478 Sep 21 j 11:03 | 12° Z 17'59 | |
| max. Earth dist. | -1484 Jul 26 j 19:05 | 20° E 06'57 6.39372 AU | | -1477 Jan 17 j 02:52 | 0° \approx | |
| morning rise | -1484 Aug 09 j 13:43 | 23° E 07'02 | evening set | -1477 Jan 24 j 03:28 | 1° \approx 40'06 | |
| | -1484 Sep 11 j 13:46 | 0° Ω | | | | |
| retrograde | -1484 Dec 08 j 01:30 | 10° Ω 06'41 | conjunction | -1477 Feb 06 j 07:07 | 4° \approx 49'20 -1°04'38 | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 38

Attention, astronomical year style is used: The year -1477 in astronomical counting style is the year 1478 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|------------------------|------------|------------------|----------------------|------------------------|------------|
| minimum elong | -1477 Feb 06 j 07:04 | 4° \approx 49'18 | 1°04'38 | opposition | -1471 Feb 10 j 11:11 | 9° Ω 29'46 | 1°39'06 |
| max. Earth dist. | -1477 Feb 07 j 08:24 | 5° \approx 04'31 | 5.98993 AU | min. Earth dist. | -1471 Feb 11 j 06:26 | 9° Ω 23'32 | 4.42126 AU |
| morning rise | -1477 Feb 19 j 14:06 | 8° \approx 00'20 | | direct | -1471 Apr 13 j 22:16 | 4° Ω 26'49 | |
| | -1477 Mar 21 j 21:30 | 15° \approx | | | -1471 Jul 15 j 13:12 | 15° Ω | |
| retrograde | -1477 Jul 01 j 21:54 | 28° \approx 28'34 | | evening set | -1471 Aug 19 j 01:17 | 22° Ω 09'52 | |
| opposition | -1477 Aug 30 j 21:51 | 23° \approx 25'08 | -1°50'06 | max. Earth dist. | -1471 Aug 30 j 08:06 | 24° Ω 37'27 | 6.41840 AU |
| min. Earth dist. | -1477 Aug 29 j 20:25 | 23° \approx 33'43 | 3.98940 AU | | | | |
| direct | -1477 Oct 27 j 21:53 | 18° \approx 30'38 | | conjunction | -1471 Aug 31 j 22:06 | 24° Ω 58'13 | 1°14'44 |
| | -1476 Jan 26 j 03:06 | 0° \mathbb{X} | | minimum elong | -1471 Aug 31 j 22:05 | 24° Ω 58'12 | 1°14'45 |
| evening set | -1476 Mar 01 j 03:20 | 7° \mathbb{X} 58'27 | | morning rise | -1471 Sep 13 j 16:04 | 27° Ω 45'13 | |
| | | | | | -1471 Sep 24 j 02:04 | 0° \mathbb{M} | |
| conjunction | -1476 Mar 14 j 14:53 | 11° \mathbb{X} 10'23 | -1°14'35 | retrograde | -1470 Jan 12 j 01:18 | 14° \mathbb{M} 41'44 | |
| minimum elong | -1476 Mar 14 j 14:54 | 11° \mathbb{X} 10'23 | 1°14'35 | opposition | -1470 Mar 13 j 16:16 | 9° \mathbb{M} 49'50 | 1°50'16 |
| max. Earth dist. | -1476 Mar 16 j 13:57 | 11° \mathbb{X} 38'21 | 6.00649 AU | min. Earth dist. | -1470 Mar 14 j 23:02 | 9° \mathbb{M} 39'59 | 4.40121 AU |
| morning rise | -1476 Mar 28 j 05:15 | 14° \mathbb{X} 23'43 | | direct | -1470 May 15 j 09:32 | 4° \mathbb{M} 48'24 | |
| | -1476 Jun 12 j 08:24 | 0° \mathbb{Y} | | evening set | -1470 Sep 18 j 21:51 | 22° \mathbb{M} 36'55 | |
| retrograde | -1476 Aug 06 j 12:36 | 4° \mathbb{Y} 34'24 | | max. Earth dist. | -1470 Sep 29 j 15:52 | 24° \mathbb{M} 59'45 | 6.36643 AU |
| | -1476 Oct 01 j 09:01 | 30° \mathbb{K} | | | | | |
| min. Earth dist. | -1476 Oct 03 j 19:40 | 29° \mathbb{K} 40'03 | 4.04353 AU | conjunction | -1470 Oct 01 j 13:27 | 25° \mathbb{M} 25'05 | 1°11'30 |
| opposition | -1476 Oct 05 j 03:12 | 29° \mathbb{K} 29'18 | -1°42'21 | minimum elong | -1470 Oct 01 j 13:28 | 25° \mathbb{M} 25'06 | 1°11'30 |
| direct | -1476 Dec 02 j 05:48 | 24° \mathbb{K} 32'01 | | morning rise | -1470 Oct 14 j 02:46 | 28° \mathbb{M} 12'21 | |
| | -1475 Jan 31 j 00:11 | 0° \mathbb{Y} | | | -1470 Oct 22 j 06:44 | 0° \mathbb{L} | |
| evening set | -1475 Apr 07 j 07:25 | 13° \mathbb{Y} 44'08 | | retrograde | -1469 Feb 13 j 01:50 | 15° \mathbb{L} 35'57 | |
| | | | | opposition | -1469 Apr 15 j 00:16 | 10° \mathbb{L} 44'11 | 1°30'50 |
| conjunction | -1475 Apr 21 j 00:45 | 16° \mathbb{Y} 54'48 | -0°56'16 | min. Earth dist. | -1469 Apr 16 j 09:34 | 10° \mathbb{L} 33'35 | 4.32048 AU |
| minimum elong | -1475 Apr 21 j 00:48 | 16° \mathbb{Y} 54'50 | 0°56'16 | direct | -1469 Jun 16 j 06:46 | 5° \mathbb{L} 45'15 | |
| max. Earth dist. | -1475 Apr 23 j 01:27 | 17° \mathbb{Y} 23'01 | 6.09287 AU | evening set | -1469 Oct 20 j 00:52 | 23° \mathbb{L} 52'01 | |
| morning rise | -1475 May 04 j 19:47 | 20° \mathbb{Y} 06'04 | | max. Earth dist. | -1469 Oct 30 j 20:00 | 26° \mathbb{L} 19'13 | 6.26334 AU |
| | -1475 Jun 19 j 13:33 | 0° \mathbb{B} | | | | | |
| retrograde | -1475 Sep 10 j 02:05 | 9° \mathbb{B} 23'00 | | conjunction | -1469 Nov 01 j 14:58 | 26° \mathbb{L} 43'43 | 0°47'35 |
| min. Earth dist. | -1475 Nov 07 j 10:51 | 4° \mathbb{B} 28'16 | 4.15244 AU | minimum elong | -1469 Nov 01 j 15:01 | 26° \mathbb{L} 43'44 | 0°47'34 |
| opposition | -1475 Nov 08 j 14:22 | 4° \mathbb{B} 18'54 | -0°57'40 | morning rise | -1469 Nov 14 j 04:31 | 29° \mathbb{L} 35'20 | |
| | -1475 Dec 17 j 06:05 | 30° \mathbb{K} | | | -1469 Nov 16 j 00:06 | 0° \mathbb{M} | |
| direct | -1474 Jan 06 j 14:27 | 29° \mathbb{Y} 18'31 | | | -1468 Feb 03 j 14:34 | 15° \mathbb{M} | |
| | -1474 Jan 27 j 04:19 | 0° \mathbb{B} | | retrograde | -1468 Mar 18 j 01:30 | 17° \mathbb{M} 48'29 | |
| | -1474 Apr 29 j 19:08 | 15° \mathbb{B} | | | -1468 May 01 j 04:09 | 15° \mathbb{K} | |
| evening set | -1474 May 13 j 10:34 | 18° \mathbb{B} 01'26 | | opposition | -1468 May 18 j 00:41 | 12° \mathbb{M} 55'05 | 0°43'03 |
| | | | | min. Earth dist. | -1468 May 19 j 03:09 | 12° \mathbb{M} 46'37 | 4.20075 AU |
| conjunction | -1474 May 27 j 04:56 | 21° \mathbb{B} 07'11 | -0°18'44 | direct | -1468 Jul 18 j 06:28 | 7° \mathbb{M} 58'54 | |
| minimum elong | -1474 May 27 j 04:57 | 21° \mathbb{B} 07'11 | 0°18'43 | | -1468 Sep 26 j 19:31 | 15° \mathbb{M} | |
| max. Earth dist. | -1474 May 28 j 14:27 | 21° \mathbb{B} 26'04 | 6.21578 AU | evening set | -1468 Nov 20 j 06:49 | 26° \mathbb{M} 33'36 | |
| morning rise | -1474 Jun 09 j 22:41 | 24° \mathbb{B} 12'23 | | | | | |
| | -1474 Jul 06 j 14:31 | 0° \mathbb{I} | | conjunction | -1468 Dec 02 j 23:31 | 29° \mathbb{M} 31'36 | 0°08'00 |
| retrograde | -1474 Oct 12 j 16:29 | 12° \mathbb{I} 25'31 | | minimum elong | -1468 Dec 02 j 23:31 | 29° \mathbb{M} 31'36 | 0°07'59 |
| asc. node | -1474 Nov 18 j 00:29 | 10° \mathbb{I} 19'41 | | behind sun begin | -1468 Dec 02 j 16:20 | 29° \mathbb{M} 27'25 | |
| opposition | -1474 Dec 11 j 06:04 | 7° \mathbb{I} 24'38 | 0°03'39 | behind sun end | -1468 Dec 03 j 06:42 | 29° \mathbb{M} 35'47 | |
| min. Earth dist. | -1474 Dec 10 j 16:30 | 7° \mathbb{I} 29'12 | 4.27661 AU | max. Earth dist. | -1468 Dec 01 j 21:42 | 29° \mathbb{M} 16'29 | 6.13783 AU |
| direct | -1473 Feb 09 j 14:20 | 2° \mathbb{I} 22'04 | | | -1468 Dec 04 j 23:59 | 0° \mathbb{J} | |
| evening set | -1473 Jun 16 j 21:15 | 20° \mathbb{I} 34'57 | | morning rise | -1468 Dec 15 j 17:04 | 2° \mathbb{J} 30'19 | |
| | | | | desc. node | -1467 Feb 12 j 02:49 | 14° \mathbb{J} 53'09 | |
| conjunction | -1473 Jun 30 j 10:39 | 23° \mathbb{I} 33'43 | 0°23'26 | retrograde | -1467 Apr 23 j 01:02 | 21° \mathbb{J} 45'21 | |
| minimum elong | -1473 Jun 30 j 10:37 | 23° \mathbb{I} 33'42 | 0°23'28 | opposition | -1467 Jun 22 j 20:18 | 16° \mathbb{J} 48'56 | -0°21'54 |
| max. Earth dist. | -1473 Jun 30 j 18:35 | 23° \mathbb{I} 38'05 | 6.33172 AU | min. Earth dist. | -1467 Jun 23 j 05:30 | 16° \mathbb{J} 45'58 | 4.07873 AU |
| morning rise | -1473 Jul 13 j 21:47 | 26° \mathbb{I} 31'12 | | direct | -1467 Aug 21 j 15:58 | 11° \mathbb{J} 55'04 | |
| | -1473 Jul 30 j 01:23 | 0° \mathbb{E} | | | -1467 Dec 20 j 02:21 | 0° \mathbb{Z} | |
| retrograde | -1473 Nov 12 j 17:22 | 13° \mathbb{E} 53'34 | | evening set | -1467 Dec 24 j 08:04 | 1° \mathbb{Z} 00'12 | |
| opposition | -1472 Jan 11 j 14:34 | 8° \mathbb{E} 56'34 | 1°00'46 | | | | |
| min. Earth dist. | -1472 Jan 11 j 17:21 | 8° \mathbb{E} 55'39 | 4.37557 AU | conjunction | -1466 Jan 06 j 05:49 | 4° \mathbb{Z} 05'03 | -0°35'55 |
| direct | -1472 Mar 13 j 04:16 | 3° \mathbb{E} 53'07 | | minimum elong | -1466 Jan 06 j 05:46 | 4° \mathbb{Z} 05'01 | 0°35'57 |
| evening set | -1472 Jul 18 j 14:40 | 21° \mathbb{E} 44'40 | | max. Earth dist. | -1466 Jan 06 j 06:13 | 4° \mathbb{Z} 05'17 | 6.03056 AU |
| | | | | morning rise | -1466 Jan 19 j 06:09 | 7° \mathbb{Z} 11'24 | |
| conjunction | -1472 Jul 31 j 19:45 | 24° \mathbb{E} 36'57 | 0°57'20 | retrograde | -1466 May 30 j 13:25 | 27° \mathbb{Z} 20'55 | |
| minimum elong | -1472 Jul 31 j 19:42 | 24° \mathbb{E} 36'55 | 0°57'21 | opposition | -1466 Jul 29 j 22:36 | 22° \mathbb{Z} 20'31 | -1°22'03 |
| max. Earth dist. | -1472 Jul 31 j 02:19 | 24° \mathbb{E} 27'27 | 6.40585 AU | min. Earth dist. | -1466 Jul 29 j 11:00 | 22° \mathbb{Z} 24'23 | 3.99719 AU |
| morning rise | -1472 Aug 13 j 21:38 | 27° \mathbb{E} 27'38 | | direct | -1466 Sep 26 j 12:28 | 17° \mathbb{Z} 27'14 | |
| | -1472 Aug 25 j 17:56 | 0° \mathbb{L} | | | -1466 Dec 30 j 12:54 | 0° \mathbb{A} | |
| retrograde | -1472 Dec 12 j 05:18 | 14° \mathbb{L} 23'29 | | evening set | -1465 Jan 29 j 07:07 | 6° \mathbb{A} 53'49 | |

Attention, astronomical year style is used: The year -1465 in astronomical counting style is the year 1466 BCE in historical counting style.

| | | | | | | | | |
|------------------|----------------------|----------------------------|------------|------------------|--|----------------------|--------------------------------|------------|
| conjunction | -1465 Feb 11 j 12:07 | 10° \approx 03'59 | -1°07'39 | | | -1460 Aug 09 j 16:54 | 0° Ω | |
| minimum elong | -1465 Feb 11 j 12:05 | 10° \approx 03'57 | 1°07'40 | morning rise | | -1460 Aug 18 j 06:58 | 1° Ω 51'53 | |
| max. Earth dist. | -1465 Feb 12 j 19:06 | 10° \approx 22'35 | 5.98182 AU | | | -1460 Oct 27 j 00:57 | 15° Ω | |
| morning rise | -1465 Feb 24 j 20:13 | 13° \approx 15'51 | | retrograde | | -1460 Dec 16 j 12:11 | 18° Ω 45'54 | |
| | -1465 Mar 04 j 03:53 | 15° \approx | | | | -1459 Feb 06 j 00:49 | 15° $\mathbb{R}\Omega$ | |
| | -1465 May 18 j 08:18 | 0° \mathbb{H} | | opposition | | -1459 Feb 14 j 19:47 | 13° Ω 52'30 | 1°42'26 |
| retrograde | -1465 Jul 07 j 06:09 | 3° \mathbb{H} 46'27 | | min. Earth dist. | | -1459 Feb 15 j 16:54 | 13° Ω 45'40 | 4.42322 AU |
| | -1465 Aug 26 j 11:46 | 30° $\mathbb{R}\approx$ | | direct | | -1459 Apr 18 j 08:01 | 8° Ω 49'40 | |
| min. Earth dist. | -1465 Sep 04 j 00:22 | 28° \approx 51'43 | 3.98833 AU | | | -1459 Jun 25 j 15:15 | 15° Ω | |
| opposition | -1465 Sep 05 j 03:27 | 28° \approx 42'34 | -1°51'37 | evening set | | -1459 Aug 23 j 09:50 | 26° Ω 32'29 | |
| direct | -1465 Nov 02 j 02:00 | 23° \approx 47'45 | | max. Earth dist. | | -1459 Sep 03 j 14:53 | 28° Ω 59'17 | 6.41515 AU |
| | -1464 Jan 04 j 12:55 | 0° \mathbb{H} | | | | | | |
| evening set | -1464 Mar 06 j 11:17 | 13° \mathbb{H} 15'52 | | conjunction | | -1459 Sep 05 j 05:46 | 29° Ω 20'35 | 1°15'33 |
| | | | | minimum elong | | -1459 Sep 05 j 05:45 | 29° Ω 20'35 | 1°15'33 |
| conjunction | -1464 Mar 19 j 23:46 | 16° \mathbb{H} 28'00 | -1°13'32 | | | -1459 Sep 08 j 05:42 | 0° \mathbb{H} | |
| minimum elong | -1464 Mar 19 j 23:47 | 16° \mathbb{H} 28'00 | 1°13'31 | morning rise | | -1459 Sep 17 j 22:42 | 2° \mathbb{H} 07'20 | |
| max. Earth dist. | -1464 Mar 22 j 00:18 | 16° \mathbb{H} 56'46 | 6.01222 AU | retrograde | | -1458 Jan 16 j 11:08 | 19° \mathbb{H} 06'07 | |
| morning rise | -1464 Apr 02 j 15:16 | 19° \mathbb{H} 41'30 | | opposition | | -1458 Mar 18 j 03:21 | 14° \mathbb{H} 14'23 | 1°49'22 |
| | -1464 May 19 j 05:56 | 0° \mathbb{Y} | | min. Earth dist. | | -1458 Mar 19 j 11:13 | 14° \mathbb{H} 04'13 | 4.39298 AU |
| retrograde | -1464 Aug 11 j 13:36 | 9° \mathbb{Y} 46'50 | | direct | | -1458 May 19 j 20:05 | 9° \mathbb{H} 13'19 | |
| min. Earth dist. | -1464 Oct 08 j 19:34 | 4° \mathbb{Y} 52'47 | 4.05525 AU | evening set | | -1458 Sep 23 j 06:18 | 27° \mathbb{H} 03'53 | |
| opposition | -1464 Oct 10 j 04:29 | 4° \mathbb{Y} 41'33 | -1°37'44 | max. Earth dist. | | -1458 Oct 03 j 21:46 | 29° \mathbb{H} 25'50 | 6.35377 AU |
| | -1464 Nov 24 j 20:24 | 30° $\mathbb{R}\mathbb{H}$ | | | | | | |
| direct | -1464 Dec 07 j 08:45 | 29° \mathbb{H} 43'45 | | conjunction | | -1458 Oct 05 j 21:19 | 29° \mathbb{H} 52'21 | 1°09'18 |
| | -1464 Dec 19 j 23:28 | 0° \mathbb{Y} | | minimum elong | | -1458 Oct 05 j 21:20 | 29° \mathbb{H} 52'22 | 1°09'18 |
| evening set | -1463 Apr 12 j 13:30 | 18° \mathbb{Y} 52'11 | | | | -1458 Oct 06 j 11:01 | 0° $\underline{\Omega}$ | |
| | | | | morning rise | | -1458 Oct 18 j 10:34 | 2° $\underline{\Omega}$ 40'05 | |
| conjunction | -1463 Apr 26 j 07:23 | 22° \mathbb{Y} 02'19 | -0°51'42 | retrograde | | -1457 Feb 17 j 18:47 | 20° $\underline{\Omega}$ 09'49 | |
| minimum elong | -1463 Apr 26 j 07:27 | 22° \mathbb{Y} 02'21 | 0°51'41 | opposition | | -1457 Apr 19 j 16:48 | 15° $\underline{\Omega}$ 17'55 | 1°25'37 |
| max. Earth dist. | -1463 Apr 28 j 07:45 | 22° \mathbb{Y} 30'15 | 6.10938 AU | min. Earth dist. | | -1457 Apr 21 j 02:08 | 15° $\underline{\Omega}$ 07'18 | 4.30407 AU |
| morning rise | -1463 May 10 j 02:31 | 25° \mathbb{Y} 12'51 | | direct | | -1457 Jun 20 j 20:37 | 10° $\underline{\Omega}$ 19'21 | |
| | -1463 May 31 j 10:36 | 0° \mathbb{B} | | evening set | | -1457 Oct 24 j 12:02 | 28° $\underline{\Omega}$ 30'09 | |
| retrograde | -1463 Sep 14 j 21:35 | 14° \mathbb{B} 20'16 | | | | -1457 Oct 31 j 01:52 | 0° \mathbb{M} | |
| min. Earth dist. | -1463 Nov 12 j 07:37 | 9° \mathbb{B} 25'05 | 4.17134 AU | max. Earth dist. | | -1457 Nov 04 j 09:52 | 0° \mathbb{M} 59'28 | 6.24471 AU |
| opposition | -1463 Nov 13 j 09:07 | 9° \mathbb{B} 16'24 | -0°49'19 | | | | | |
| direct | -1462 Jan 11 j 14:28 | 4° \mathbb{B} 15'35 | | conjunction | | -1457 Nov 06 j 02:28 | 1° \mathbb{M} 22'43 | 0°42'43 |
| | -1462 Apr 11 j 14:45 | 15° \mathbb{B} | | minimum elong | | -1457 Nov 06 j 02:31 | 1° \mathbb{M} 22'45 | 0°42'41 |
| evening set | -1462 May 18 j 11:00 | 22° \mathbb{B} 53'12 | | morning rise | | -1457 Nov 18 j 16:17 | 4° \mathbb{M} 15'17 | |
| | | | | | | -1456 Jan 08 j 15:50 | 15° \mathbb{M} | |
| conjunction | -1462 Jun 01 j 04:57 | 25° \mathbb{B} 57'54 | -0°12'39 | retrograde | | -1456 Mar 23 j 00:41 | 22° \mathbb{M} 37'22 | |
| minimum elong | -1462 Jun 01 j 04:58 | 25° \mathbb{B} 57'55 | 0°12'38 | opposition | | -1456 May 22 j 23:57 | 17° \mathbb{M} 43'42 | 0°34'28 |
| behind sun begin | -1462 May 31 j 23:49 | 25° \mathbb{B} 55'02 | | min. Earth dist. | | -1456 May 24 j 00:11 | 17° \mathbb{M} 35'57 | 4.18125 AU |
| behind sun end | -1462 Jun 01 j 10:07 | 26° \mathbb{B} 00'47 | | | | -1456 Jun 14 j 14:04 | 15° $\mathbb{R}\mathbb{M}$ | |
| max. Earth dist. | -1462 Jun 02 j 11:54 | 26° \mathbb{B} 15'15 | 6.23532 AU | direct | | -1456 Jul 23 j 00:29 | 12° \mathbb{M} 48'01 | |
| morning rise | -1462 Jun 14 j 22:02 | 29° \mathbb{B} 01'57 | | | | -1456 Aug 29 j 22:40 | 15° \mathbb{M} | |
| | -1462 Jun 19 j 06:43 | 0° \mathbb{I} | | | | -1456 Nov 18 j 16:58 | 0° \mathbb{J} | |
| asc. node | -1462 Sep 26 j 21:27 | 16° \mathbb{I} 26'05 | | evening set | | -1456 Nov 25 j 00:07 | 1° \mathbb{J} 27'44 | |
| retrograde | -1462 Oct 17 j 02:48 | 17° \mathbb{I} 05'56 | | | | | | |
| opposition | -1462 Dec 15 j 18:28 | 12° \mathbb{I} 05'31 | 0°12'28 | conjunction | | -1456 Dec 07 j 17:16 | 4° \mathbb{J} 26'45 | 0°01'40 |
| min. Earth dist. | -1462 Dec 15 j 06:20 | 12° \mathbb{I} 09'35 | 4.29492 AU | minimum elong | | -1456 Dec 07 j 17:16 | 4° \mathbb{J} 26'45 | 0°01'39 |
| direct | -1461 Feb 14 j 06:21 | 7° \mathbb{I} 02'41 | | behind sun begin | | -1456 Dec 07 j 09:14 | 4° \mathbb{J} 22'03 | |
| evening set | -1461 Jun 21 j 14:55 | 25° \mathbb{I} 11'08 | | behind sun end | | -1456 Dec 08 j 01:18 | 4° \mathbb{J} 31'27 | |
| | | | | max. Earth dist. | | -1456 Dec 06 j 18:00 | 4° \mathbb{J} 13'04 | 6.11931 AU |
| conjunction | -1461 Jul 05 j 03:11 | 28° \mathbb{I} 08'47 | 0°28'59 | morning rise | | -1456 Dec 20 j 11:46 | 7° \mathbb{J} 26'40 | |
| minimum elong | -1461 Jul 05 j 03:09 | 28° \mathbb{I} 08'46 | 0°29'00 | desc. node | | -1456 Dec 22 j 03:58 | 7° \mathbb{J} 50'08 | |
| max. Earth dist. | -1461 Jul 05 j 06:58 | 28° \mathbb{I} 10'52 | 6.34737 AU | retrograde | | -1455 Apr 28 j 07:36 | 26° \mathbb{J} 51'01 | |
| | -1461 Jul 13 j 13:53 | 0° \mathbb{O} | | opposition | | -1455 Jun 28 j 01:34 | 21° \mathbb{J} 54'07 | -0°31'23 |
| morning rise | -1461 Jul 18 j 13:03 | 1° \mathbb{O} 05'05 | | min. Earth dist. | | -1455 Jun 28 j 07:34 | 21° \mathbb{J} 52'09 | 4.06297 AU |
| retrograde | -1461 Nov 17 j 02:07 | 18° \mathbb{O} 21'29 | | direct | | -1455 Aug 26 j 16:53 | 17° \mathbb{J} 00'29 | |
| opposition | -1460 Jan 15 j 23:38 | 13° \mathbb{O} 25'01 | 1°07'35 | | | -1455 Dec 02 j 17:13 | 0° \mathbb{Z} | |
| min. Earth dist. | -1460 Jan 16 j 05:38 | 13° \mathbb{O} 23'02 | 4.38744 AU | evening set | | -1455 Dec 29 j 08:23 | 6° \mathbb{Z} 09'49 | |
| direct | -1460 Mar 17 j 17:55 | 8° \mathbb{O} 21'34 | | | | | | |
| evening set | -1460 Jul 23 j 02:27 | 26° \mathbb{O} 10'28 | | conjunction | | -1454 Jan 11 j 07:12 | 9° \mathbb{Z} 15'36 | -0°41'34 |
| max. Earth dist. | -1460 Aug 04 j 08:53 | 28° \mathbb{O} 50'19 | 6.41283 AU | minimum elong | | -1454 Jan 11 j 07:09 | 9° \mathbb{Z} 15'35 | 0°41'36 |
| | | | | max. Earth dist. | | -1454 Jan 11 j 13:33 | 9° \mathbb{Z} 19'25 | 6.01934 AU |
| conjunction | -1460 Aug 05 j 06:17 | 29° \mathbb{O} 01'58 | 1°00'55 | morning rise | | -1454 Jan 24 j 08:27 | 12° \mathbb{Z} 22'54 | |
| minimum elong | -1460 Aug 05 j 06:15 | 29° \mathbb{O} 01'56 | 1°00'57 | | | -1454 Apr 24 j 11:45 | 0° \approx | |

Attention, astronomical year style is used: The year -1454 in astronomical counting style is the year 1455 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---------------------|------------|------------------|----------------------|---------------------|------------|
| retrograde | -1454 Jun 04 j 23:48 | 2° \approx 37'48 | | opposition | -1448 Jan 20 j 06:25 | 17° \approx 48'33 | 1°13'51 |
| | -1454 Jul 16 j 12:54 | 30° \approx 37' | | min. Earth dist. | -1448 Jan 20 j 14:12 | 17° \approx 46'00 | 4.39449 AU |
| opposition | -1454 Aug 04 j 06:18 | 27° \approx 36'55 | -1°28'36 | direct | -1448 Mar 22 j 02:42 | 12° \approx 45'07 | |
| min. Earth dist. | -1454 Aug 03 j 16:08 | 27° \approx 34'38 | 3.99214 AU | | -1448 Jul 24 j 23:08 | 0° \approx | |
| direct | -1454 Oct 01 j 16:46 | 22° \approx 34'38 | | evening set | -1448 Jul 27 j 12:31 | 0° \approx 33'05 | |
| | -1454 Dec 10 j 01:21 | 0° \approx | | | | | |
| evening set | -1453 Feb 03 j 12:46 | 12° \approx 11'15 | | conjunction | -1448 Aug 09 j 15:07 | 3° \approx 23'59 | 1°04'06 |
| | -1453 Feb 15 j 06:23 | 15° \approx | | minimum elong | -1448 Aug 09 j 15:05 | 3° \approx 23'58 | 1°04'07 |
| | | | | max. Earth dist. | -1448 Aug 08 j 14:19 | 3° \approx 10'29 | 6.41479 AU |
| conjunction | -1453 Feb 16 j 18:39 | 15° \approx 21'46 | -1°10'14 | morning rise | -1448 Aug 22 j 14:38 | 6° \approx 13'22 | |
| minimum elong | -1453 Feb 16 j 18:37 | 15° \approx 21'45 | 1°10'15 | | -1448 Oct 04 j 15:28 | 15° \approx | |
| max. Earth dist. | -1453 Feb 18 j 04:19 | 15° \approx 41'59 | 5.98310 AU | retrograde | -1448 Dec 20 j 19:57 | 23° \approx 07'13 | |
| morning rise | -1453 Mar 02 j 03:58 | 18° \approx 34'03 | | opposition | -1447 Feb 19 j 03:46 | 18° \approx 14'11 | 1°45'10 |
| | -1453 Apr 22 j 17:41 | 0° \approx | | min. Earth dist. | -1447 Feb 20 j 03:33 | 18° \approx 06'31 | 4.42023 AU |
| retrograde | -1453 Jul 12 j 10:31 | 9° \approx 02'56 | | | -1447 Mar 18 j 12:17 | 15° \approx | |
| min. Earth dist. | -1453 Sep 09 j 02:31 | 4° \approx 08'43 | 3.99606 AU | direct | -1447 Apr 22 j 18:14 | 13° \approx 11'33 | |
| opposition | -1453 Sep 10 j 08:08 | 3° \approx 58'41 | -1°52'14 | | -1447 May 28 j 04:43 | 15° \approx | |
| | -1453 Oct 14 j 19:06 | 30° \approx | | | -1447 Aug 23 j 11:32 | 0° \approx | |
| direct | -1453 Nov 07 j 05:51 | 29° \approx 03'31 | | evening set | -1447 Aug 27 j 18:03 | 0° \approx 55'36 | |
| | -1453 Nov 30 j 19:15 | 0° \approx | | max. Earth dist. | -1447 Sep 07 j 19:31 | 3° \approx 20'49 | 6.40726 AU |
| evening set | -1452 Mar 11 j 17:29 | 18° \approx 28'52 | | | | | |
| | | | | conjunction | -1447 Sep 09 j 13:09 | 3° \approx 43'40 | 1°15'56 |
| conjunction | -1452 Mar 25 j 06:56 | 21° \approx 40'47 | -1°11'57 | minimum elong | -1447 Sep 09 j 13:09 | 3° \approx 43'40 | 1°15'56 |
| minimum elong | -1452 Mar 25 j 06:58 | 21° \approx 40'48 | 1°11'57 | morning rise | -1447 Sep 22 j 05:28 | 6° \approx 30'27 | |
| max. Earth dist. | -1452 Mar 27 j 09:08 | 22° \approx 10'26 | 6.02552 AU | retrograde | -1446 Jan 20 j 22:27 | 23° \approx 33'01 | |
| morning rise | -1452 Apr 07 j 23:01 | 24° \approx 53'55 | | opposition | -1446 Mar 22 j 15:30 | 18° \approx 41'19 | 1°47'50 |
| | -1452 Apr 30 j 05:02 | 0° \approx | | min. Earth dist. | -1446 Mar 23 j 23:38 | 18° \approx 31'03 | 4.38093 AU |
| retrograde | -1452 Aug 16 j 13:01 | 14° \approx 51'20 | | direct | -1446 May 24 j 06:39 | 13° \approx 40'32 | |
| min. Earth dist. | -1452 Oct 13 j 18:49 | 9° \approx 56'54 | 4.07241 AU | | -1446 Sep 20 j 12:43 | 0° \approx | |
| opposition | -1452 Oct 15 j 02:27 | 9° \approx 46'05 | -1°32'31 | evening set | -1446 Sep 27 j 15:24 | 1° \approx 34'07 | |
| direct | -1452 Dec 12 j 10:47 | 4° \approx 47'49 | | max. Earth dist. | -1446 Oct 08 j 08:24 | 3° \approx 57'25 | 6.33862 AU |
| evening set | -1451 Apr 17 j 15:55 | 23° \approx 51'08 | | | | | |
| | | | | conjunction | -1446 Oct 10 j 06:14 | 4° \approx 23'04 | 1°06'39 |
| conjunction | -1451 May 01 j 10:08 | 27° \approx 00'33 | -0°46'55 | minimum elong | -1446 Oct 10 j 06:16 | 4° \approx 23'06 | 1°06'39 |
| minimum elong | -1451 May 01 j 10:11 | 27° \approx 00'35 | 0°46'53 | morning rise | -1446 Oct 22 j 19:13 | 7° \approx 11'20 | |
| max. Earth dist. | -1451 May 03 j 09:20 | 27° \approx 02'40 | 6.12884 AU | retrograde | -1445 Feb 22 j 12:20 | 24° \approx 47'53 | |
| | -1451 May 14 j 11:22 | 0° \approx | | opposition | -1445 Apr 24 j 10:59 | 19° \approx 55'51 | 1°19'48 |
| morning rise | -1451 May 15 j 05:17 | 0° \approx 10'12 | | min. Earth dist. | -1445 Apr 25 j 19:32 | 19° \approx 45'30 | 4.28678 AU |
| | -1451 Jul 29 j 04:55 | 15° \approx | | direct | -1445 Jun 25 j 11:46 | 14° \approx 57'45 | |
| retrograde | -1451 Sep 19 j 10:44 | 19° \approx 07'34 | | | -1445 Oct 14 j 18:24 | 0° \approx | |
| | -1451 Nov 11 j 01:57 | 15° \approx | | evening set | -1445 Oct 29 j 00:57 | 3° \approx 12'31 | |
| opposition | -1451 Nov 17 j 23:28 | 14° \approx 04'07 | -0°40'57 | max. Earth dist. | -1445 Nov 08 j 23:55 | 5° \approx 43'10 | 6.22679 AU |
| min. Earth dist. | -1451 Nov 16 j 22:57 | 14° \approx 12'26 | 4.19112 AU | | | | |
| direct | -1450 Jan 16 j 07:52 | 9° \approx 02'56 | | conjunction | -1445 Nov 10 j 15:26 | 6° \approx 05'53 | 0°37'30 |
| | -1450 Mar 21 j 17:11 | 15° \approx | | minimum elong | -1445 Nov 10 j 15:29 | 6° \approx 05'54 | 0°37'29 |
| evening set | -1450 May 23 j 07:14 | 27° \approx 35'33 | | morning rise | -1445 Nov 23 j 05:53 | 8° \approx 15'25 | |
| | -1450 Jun 03 j 02:24 | 0° \approx | | | -1445 Dec 20 j 07:03 | 15° \approx | |
| | | | | retrograde | -1444 Mar 28 j 01:13 | 27° \approx 29'57 | |
| conjunction | -1450 Jun 06 j 00:35 | 0° \approx 39'14 | -0°06'42 | opposition | -1444 May 28 j 00:29 | 22° \approx 35'50 | 0°25'31 |
| minimum elong | -1450 Jun 06 j 00:35 | 0° \approx 39'14 | 0°06'41 | min. Earth dist. | -1444 May 28 j 21:57 | 22° \approx 28'57 | 4.16395 AU |
| behind sun begin | -1450 Jun 05 j 16:49 | 0° \approx 34'55 | | direct | -1444 Jul 27 j 20:49 | 17° \approx 40'26 | |
| behind sun end | -1450 Jun 06 j 08:20 | 0° \approx 43'33 | | desc. node | -1444 Oct 31 j 02:24 | 29° \approx 41'43 | |
| max. Earth dist. | -1450 Jun 07 j 02:27 | 0° \approx 53'41 | 6.25381 AU | | -1444 Nov 01 j 12:21 | 0° \approx | |
| morning rise | -1450 Jun 19 j 16:58 | 3° \approx 42'10 | | evening set | -1444 Nov 29 j 18:17 | 6° \approx 24'06 | |
| asc. node | -1450 Aug 07 j 03:05 | 13° \approx 43'22 | | | | | |
| retrograde | -1450 Oct 21 j 12:13 | 21° \approx 38'07 | | conjunction | -1444 Dec 12 j 12:14 | 9° \approx 24'05 | -0°04'50 |
| opposition | -1450 Dec 20 j 03:41 | 16° \approx 38'15 | 0°20'54 | minimum elong | -1444 Dec 12 j 12:14 | 9° \approx 24'04 | 0°04'51 |
| min. Earth dist. | -1450 Dec 19 j 19:11 | 16° \approx 41'06 | 4.31057 AU | behind sun begin | -1444 Dec 12 j 04:23 | 9° \approx 19'28 | |
| direct | -1449 Feb 18 j 21:02 | 11° \approx 35'15 | | behind sun end | -1444 Dec 12 j 20:04 | 9° \approx 28'40 | |
| evening set | -1449 Jun 26 j 04:57 | 29° \approx 40'19 | | max. Earth dist. | -1444 Dec 11 j 18:18 | 9° \approx 13'30 | 6.10430 AU |
| | -1449 Jun 27 j 17:07 | 0° \approx | | morning rise | -1444 Dec 25 j 07:25 | 12° \approx 24'59 | |
| | | | | | -1443 Mar 28 j 21:37 | 0° \approx | |
| conjunction | -1449 Jul 09 j 16:17 | 2° \approx 37'05 | 0°34'13 | retrograde | -1443 May 03 j 14:38 | 1° \approx 56'50 | |
| minimum elong | -1449 Jul 09 j 16:14 | 2° \approx 37'03 | 0°34'14 | | -1443 Jun 08 j 09:38 | 30° \approx | |
| max. Earth dist. | -1449 Jul 09 j 16:40 | 2° \approx 37'17 | 6.35893 AU | opposition | -1443 Jul 03 j 06:49 | 26° \approx 59'23 | -0°40'39 |
| morning rise | -1449 Jul 23 j 00:51 | 5° \approx 32'24 | | min. Earth dist. | -1443 Jul 03 j 10:14 | 26° \approx 58'16 | 4.05162 AU |
| retrograde | -1449 Nov 21 j 06:35 | 22° \approx 44'33 | | direct | -1443 Aug 31 j 18:00 | 22° \approx 05'56 | |

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Attention, astronomical year style is used: The year -1443 in astronomical counting style is the year 1444 BCE in historical counting style.

| | | | | | | |
|------------------|----------------------|----------------------|------------------|----------------------|-----------|------------|
| | -1443 Nov 13 j 03:44 | 0°♁ | conjunction | -1437 Jul 14 j 05:41 | 7°♁05'57 | 0°39'16 |
| evening set | -1442 Jan 03 j 08:28 | 11°♁17'44 | minimum elong | -1437 Jul 14 j 05:39 | 7°♁05'56 | 0°39'17 |
| | | | max. Earth dist. | -1437 Jul 14 j 01:00 | 7°♁03'23 | 6.36797 AU |
| conjunction | -1442 Jan 16 j 07:59 | 14°♁24'10 -0°46'53 | morning rise | -1437 Jul 27 j 13:13 | 10°♁00'27 | |
| minimum elong | -1442 Jan 16 j 07:56 | 14°♁24'08 0°46'53 | retrograde | -1437 Nov 25 j 14:49 | 27°♁09'18 | |
| max. Earth dist. | -1442 Jan 16 j 17:16 | 14°♁29'44 6.01236 AU | opposition | -1436 Jan 24 j 14:33 | 22°♁13'50 | 1°19'46 |
| morning rise | -1442 Jan 29 j 10:26 | 17°♁32'14 | min. Earth dist. | -1436 Jan 25 j 01:36 | 22°♁10'13 | 4.39953 AU |
| | -1442 Mar 27 j 11:46 | 0°♁ | direct | -1436 Mar 26 j 14:48 | 17°♁10'28 | |
| retrograde | -1442 Jun 10 j 05:05 | 7°♁50'36 | | -1436 Jul 08 j 10:27 | 0°♁ | |
| opposition | -1442 Aug 09 j 12:00 | 2°♁49'08 -1°34'23 | evening set | -1436 Jul 31 j 23:09 | 4°♁57'55 | |
| min. Earth dist. | -1442 Aug 08 j 18:22 | 2°♁55'01 3.99048 AU | max. Earth dist. | -1436 Aug 12 j 21:54 | 7°♁33'44 | 6.41534 AU |
| | -1442 Sep 01 j 02:11 | 30°♁♁ | | | | |
| direct | -1442 Oct 06 j 19:12 | 27°♁55'40 | conjunction | -1436 Aug 14 j 00:47 | 7°♁48'23 | 1°06'58 |
| | -1442 Nov 11 j 05:06 | 0°♁ | minimum elong | -1436 Aug 14 j 00:45 | 7°♁48'22 | 1°06'58 |
| | -1441 Jan 29 j 14:31 | 15°♁ | morning rise | -1436 Aug 26 j 23:06 | 10°♁37'17 | |
| evening set | -1441 Feb 08 j 16:49 | 17°♁23'20 | | -1436 Sep 16 j 13:48 | 15°♁ | |
| | | | retrograde | -1436 Dec 25 j 03:27 | 27°♁31'36 | |
| conjunction | -1441 Feb 21 j 23:49 | 20°♁34'09 -1°12'14 | opposition | -1435 Feb 23 j 13:22 | 22°♁38'52 | 1°47'23 |
| minimum elong | -1441 Feb 21 j 23:48 | 20°♁34'09 1°12'14 | min. Earth dist. | -1435 Feb 24 j 13:39 | 22°♁31'03 | 4.41667 AU |
| max. Earth dist. | -1441 Feb 23 j 13:15 | 20°♁56'36 5.98676 AU | direct | -1435 Apr 27 j 03:40 | 17°♁36'32 | |
| morning rise | -1441 Mar 07 j 10:00 | 23°♁46'39 | | -1435 Aug 06 j 20:26 | 0°♁ | |
| | -1441 Apr 03 j 07:34 | 0°♁ | evening set | -1435 Sep 01 j 03:16 | 5°♁21'47 | |
| retrograde | -1441 Jul 17 j 14:34 | 14°♁12'51 | max. Earth dist. | -1435 Sep 12 j 03:18 | 7°♁46'35 | 6.39995 AU |
| min. Earth dist. | -1441 Sep 14 j 04:36 | 9°♁18'21 4.00469 AU | | | | |
| opposition | -1441 Sep 15 j 10:10 | 9°♁08'19 -1°51'58 | conjunction | -1435 Sep 13 j 21:30 | 8°♁09'48 | 1°15'54 |
| direct | -1441 Nov 12 j 09:34 | 4°♁12'45 | minimum elong | -1435 Sep 13 j 21:30 | 8°♁09'48 | 1°15'54 |
| evening set | -1440 Mar 16 j 21:50 | 23°♁35'24 | morning rise | -1435 Sep 26 j 13:06 | 10°♁56'37 | |
| | | | retrograde | -1434 Jan 25 j 11:26 | 28°♁02'50 | |
| conjunction | -1440 Mar 30 j 12:10 | 26°♁47'08 -1°09'53 | opposition | -1434 Mar 27 j 05:04 | 23°♁11'16 | 1°45'41 |
| minimum elong | -1440 Mar 30 j 12:12 | 26°♁47'10 1°09'53 | min. Earth dist. | -1434 Mar 28 j 14:05 | 23°♁00'44 | 4.37047 AU |
| max. Earth dist. | -1440 Apr 01 j 15:22 | 27°♁17'15 6.03826 AU | direct | -1434 May 28 j 19:57 | 18°♁10'56 | |
| morning rise | -1440 Apr 13 j 04:59 | 29°♁59'59 | | -1434 Sep 03 j 15:30 | 0°♁ | |
| | -1440 Apr 13 j 05:00 | 0°♁ | evening set | -1434 Oct 02 j 01:15 | 6°♁06'47 | |
| retrograde | -1440 Aug 21 j 08:46 | 19°♁49'46 | max. Earth dist. | -1434 Oct 12 j 17:42 | 8°♁30'17 | 6.32596 AU |
| opposition | -1440 Oct 19 j 22:08 | 14°♁44'40 -1°26'47 | | | | |
| min. Earth dist. | -1440 Oct 18 j 14:29 | 14°♁55'28 4.08794 AU | conjunction | -1434 Oct 14 j 15:46 | 8°♁56'08 | 1°03'38 |
| direct | -1440 Dec 17 j 08:06 | 9°♁45'59 | minimum elong | -1434 Oct 14 j 15:48 | 8°♁56'09 | 1°03'37 |
| evening set | -1439 Apr 22 j 16:49 | 28°♁45'09 | morning rise | -1434 Oct 27 j 04:47 | 11°♁44'56 | |
| | -1439 Apr 28 j 04:05 | 0°♁ | retrograde | -1433 Feb 27 j 05:48 | 29°♁27'32 | |
| | | | opposition | -1433 Apr 29 j 05:42 | 24°♁35'17 | 1°13'29 |
| conjunction | -1439 May 06 j 11:11 | 1°♁53'55 -0°41'52 | min. Earth dist. | -1433 Apr 30 j 12:13 | 24°♁25'34 | 4.27277 AU |
| minimum elong | -1439 May 06 j 11:13 | 1°♁53'56 0°41'52 | direct | -1433 Jun 30 j 03:01 | 19°♁37'36 | |
| max. Earth dist. | -1439 May 08 j 06:43 | 2°♁18'50 6.14585 AU | | -1433 Sep 27 j 04:52 | 0°♁ | |
| morning rise | -1439 May 20 j 06:24 | 5°♁02'49 | evening set | -1433 Nov 02 j 13:23 | 7°♁55'07 | |
| | -1439 Jul 05 j 23:42 | 15°♁ | max. Earth dist. | -1433 Nov 13 j 16:47 | 10°♁28'46 | 6.21282 AU |
| retrograde | -1439 Sep 24 j 00:35 | 23°♁51'29 | | | | |
| opposition | -1439 Nov 22 j 13:06 | 18°♁48'27 -0°32'27 | conjunction | -1433 Nov 15 j 04:14 | 10°♁49'12 | 0°32'07 |
| min. Earth dist. | -1439 Nov 21 j 15:22 | 18°♁55'50 4.20780 AU | minimum elong | -1433 Nov 15 j 04:16 | 10°♁49'13 | 0°32'06 |
| | -1439 Dec 24 j 16:43 | 15°♁♁ | morning rise | -1433 Nov 27 j 18:57 | 13°♁43'30 | |
| direct | -1438 Jan 21 j 02:26 | 13°♁46'57 | | -1433 Dec 03 j 09:00 | 15°♁ | |
| | -1438 Feb 17 j 20:11 | 15°♁ | | -1432 Feb 22 j 11:53 | 0°♁ | |
| | -1438 May 17 j 19:47 | 0°♁ | retrograde | -1432 Apr 02 j 01:50 | 2°♁21'09 | |
| evening set | -1438 May 28 j 02:48 | 2°♁15'42 | | -1432 May 12 j 00:51 | 30°♁♁ | |
| | | | opposition | -1432 Jun 02 j 00:20 | 27°♁26'40 | 0°16'31 |
| conjunction | -1438 Jun 10 j 19:46 | 5°♁18'33 -0°00'42 | min. Earth dist. | -1432 Jun 02 j 20:03 | 27°♁20'20 | 4.15088 AU |
| minimum elong | -1438 Jun 10 j 19:47 | 5°♁18'34 0°00'40 | direct | -1432 Aug 01 j 17:13 | 22°♁31'39 | |
| behind sun begin | -1438 Jun 10 j 11:27 | 5°♁13'57 | desc. node | -1432 Sep 10 j 06:27 | 24°♁56'34 | |
| behind sun end | -1438 Jun 11 j 04:06 | 5°♁23'10 | | -1432 Oct 13 j 02:37 | 0°♁ | |
| max. Earth dist. | -1438 Jun 11 j 19:19 | 5°♁31'40 6.26904 AU | evening set | -1432 Dec 04 j 11:17 | 11°♁17'49 | |
| asc. node | -1438 Jun 17 j 04:17 | 6°♁43'29 | | | | |
| morning rise | -1438 Jun 24 j 11:13 | 8°♁20'29 | conjunction | -1432 Dec 17 j 05:39 | 14°♁18'29 | -0°11'01 |
| retrograde | -1438 Oct 25 j 19:54 | 26°♁09'38 | minimum elong | -1432 Dec 17 j 05:38 | 14°♁18'28 | 0°11'03 |
| opposition | -1438 Dec 24 j 12:53 | 21°♁10'23 0°29'12 | behind sun begin | -1432 Dec 16 j 23:32 | 14°♁14'53 | |
| min. Earth dist. | -1438 Dec 24 j 06:04 | 21°♁12'39 4.32321 AU | behind sun end | -1432 Dec 17 j 11:43 | 14°♁22'03 | |
| direct | -1437 Feb 23 j 09:18 | 16°♁07'17 | max. Earth dist. | -1432 Dec 16 j 14:04 | 14°♁09'17 | 6.09325 AU |
| | -1437 Jun 11 j 07:02 | 0°♁ | morning rise | -1432 Dec 30 j 01:46 | 17°♁20'14 | |
| evening set | -1437 Jun 30 j 19:36 | 4°♁10'02 | | -1431 Feb 27 j 08:36 | 0°♁ | |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 42

Attention, astronomical year style is used: The year -1431 in astronomical counting style is the year 1432 BCE in historical counting style.

| | | | | | |
|------------------|----------------------|----------------------|------------------|----------------------|----------------------|
| retrograde | -1431 May 08 j 16:55 | 6°♂58'09 | direct | -1425 Feb 27 j 22:53 | 20°♂37'50 |
| opposition | -1431 Jul 08 j 09:23 | 2°♂00'06 -0°49'23 | | -1425 May 24 j 08:45 | 0°♂ |
| min. Earth dist. | -1431 Jul 08 j 09:05 | 2°♂00'12 4.04369 AU | evening set | -1425 Jul 05 j 09:26 | 8°♂38'43 |
| | -1431 Jul 24 j 04:04 | 30°♂♂ | | | |
| direct | -1431 Sep 05 j 15:42 | 27°♂06'44 | conjunction | -1425 Jul 18 j 18:35 | 11°♂33'53 0°44'01 |
| | -1431 Oct 18 j 06:09 | 0°♂ | minimum elong | -1425 Jul 18 j 18:32 | 11°♂33'52 0°44'03 |
| evening set | -1430 Jan 08 j 06:16 | 16°♂20'06 | max. Earth dist. | -1425 Jul 18 j 12:17 | 11°♂30'27 6.37549 AU |
| | | | morning rise | -1425 Aug 01 j 00:41 | 14°♂27'32 |
| conjunction | -1430 Jan 21 j 06:45 | 19°♂27'06 -0°51'41 | | -1425 Oct 29 j 06:25 | 0°♂ |
| minimum elong | -1430 Jan 21 j 06:42 | 19°♂27'04 0°51'42 | retrograde | -1425 Nov 29 j 20:41 | 1°♂33'25 |
| max. Earth dist. | -1430 Jan 21 j 20:44 | 19°♂35'30 6.00820 AU | | -1425 Dec 31 j 11:09 | 30°♂♂ |
| morning rise | -1430 Feb 03 j 10:00 | 22°♂35'43 | opposition | -1424 Jan 28 j 22:31 | 26°♂38'22 1°25'11 |
| | -1430 Mar 07 j 15:12 | 0°♂ | min. Earth dist. | -1424 Jan 29 j 10:33 | 26°♂34'27 4.40408 AU |
| retrograde | -1430 Jun 15 j 09:18 | 12°♂56'22 | direct | -1424 Mar 31 j 00:52 | 21°♂35'05 |
| opposition | -1430 Aug 14 j 14:14 | 7°♂54'23 -1°39'14 | | -1424 Jun 20 j 03:59 | 0°♂ |
| min. Earth dist. | -1430 Aug 13 j 19:38 | 8°♂00'37 3.99064 AU | evening set | -1424 Aug 05 j 09:37 | 9°♂21'46 |
| direct | -1430 Oct 11 j 20:33 | 3°♂00'43 | max. Earth dist. | -1424 Aug 17 j 03:43 | 11°♂55'13 6.41637 AU |
| | -1429 Jan 12 j 06:29 | 15°♂ | | | |
| evening set | -1429 Feb 13 j 17:52 | 22°♂28'01 | conjunction | -1424 Aug 18 j 09:55 | 12°♂11'41 1°09'25 |
| | | | minimum elong | -1424 Aug 18 j 09:52 | 12°♂11'40 1°09'25 |
| conjunction | -1429 Feb 27 j 01:52 | 25°♂39'05 -1°13'37 | morning rise | -1424 Aug 31 j 07:14 | 15°♂00'05 |
| minimum elong | -1429 Feb 27 j 01:51 | 25°♂39'04 1°13'38 | | -1424 Aug 31 j 07:04 | 15°♂ |
| max. Earth dist. | -1429 Feb 28 j 17:29 | 26°♂02'46 5.99100 AU | | -1424 Nov 24 j 04:09 | 0°♂ |
| morning rise | -1429 Mar 12 j 13:06 | 28°♂51'48 | retrograde | -1424 Dec 29 j 12:25 | 1°♂54'26 |
| | -1429 Mar 17 j 08:29 | 0°♂ | | -1423 Feb 03 j 00:29 | 30°♂♂ |
| retrograde | -1429 Jul 22 j 14:02 | 19°♂14'59 | opposition | -1423 Feb 27 j 22:47 | 27°♂01'56 1°48'56 |
| min. Earth dist. | -1429 Sep 19 j 01:47 | 14°♂20'41 4.01279 AU | min. Earth dist. | -1423 Mar 01 j 01:19 | 26°♂53'24 4.41415 AU |
| opposition | -1429 Sep 20 j 08:29 | 14°♂10'15 -1°50'54 | direct | -1423 May 01 j 15:20 | 21°♂59'44 |
| direct | -1429 Nov 17 j 07:18 | 9°♂14'17 | | -1423 Jul 19 j 10:48 | 0°♂ |
| evening set | -1428 Mar 21 j 23:11 | 28°♂34'44 | evening set | -1423 Sep 05 j 11:25 | 9°♂45'27 |
| | -1428 Mar 28 j 01:00 | 0°♂ | max. Earth dist. | -1423 Sep 16 j 10:04 | 12°♂09'44 6.39375 AU |
| | | | | | |
| conjunction | -1428 Apr 04 j 14:14 | 1°♂46'18 -1°07'22 | conjunction | -1423 Sep 18 j 05:01 | 12°♂33'24 1°15'26 |
| minimum elong | -1428 Apr 04 j 14:16 | 1°♂46'20 1°07'21 | minimum elong | -1423 Sep 18 j 05:01 | 12°♂33'24 1°15'27 |
| max. Earth dist. | -1428 Apr 06 j 15:41 | 2°♂15'19 6.04936 AU | morning rise | -1423 Sep 30 j 19:55 | 15°♂20'11 |
| morning rise | -1428 Apr 18 j 07:45 | 4°♂58'55 | | -1423 Dec 20 j 03:45 | 0°♂ |
| retrograde | -1428 Aug 26 j 01:53 | 24°♂41'58 | retrograde | -1422 Jan 29 j 21:48 | 2°♂29'36 |
| min. Earth dist. | -1428 Oct 23 j 08:51 | 19°♂47'17 4.10078 AU | | -1422 Mar 12 j 06:34 | 30°♂♂ |
| opposition | -1428 Oct 24 j 14:59 | 19°♂36'59 -1°20'37 | opposition | -1422 Mar 31 j 17:44 | 27°♂37'58 1°42'55 |
| direct | -1428 Dec 22 j 04:15 | 14°♂37'51 | min. Earth dist. | -1422 Apr 02 j 02:06 | 27°♂27'39 4.36081 AU |
| | -1427 Apr 11 j 17:32 | 0°♂ | direct | -1422 Jun 02 j 06:28 | 22°♂37'55 |
| evening set | -1427 Apr 27 j 15:29 | 3°♂34'01 | | -1422 Aug 15 j 19:19 | 0°♂ |
| | | | evening set | -1422 Oct 06 j 09:44 | 10°♂35'40 |
| conjunction | -1427 May 11 j 10:13 | 6°♂42'17 -0°36'41 | max. Earth dist. | -1422 Oct 17 j 03:15 | 13°♂00'13 6.31343 AU |
| minimum elong | -1427 May 11 j 10:16 | 6°♂42'19 0°36'40 | | | |
| max. Earth dist. | -1427 May 13 j 04:43 | 7°♂06'31 6.15970 AU | conjunction | -1422 Oct 18 j 23:59 | 13°♂25'25 1°00'15 |
| morning rise | -1427 May 25 j 05:11 | 9°♂50'30 | minimum elong | -1422 Oct 19 j 00:02 | 13°♂25'26 1°00'14 |
| | -1427 Jun 17 j 13:14 | 15°♂ | morning rise | -1422 Oct 31 j 12:55 | 16°♂14'42 |
| retrograde | -1427 Sep 28 j 12:30 | 28°♂31'37 | | -1421 Jan 10 j 04:07 | 0°♂ |
| min. Earth dist. | -1427 Nov 26 j 04:43 | 23°♂35'55 4.22136 AU | retrograde | -1421 Mar 03 j 23:55 | 4°♂03'29 |
| opposition | -1427 Nov 27 j 00:55 | 23°♂29'05 -0°23'57 | | -1421 Apr 27 j 12:53 | 30°♂♂ |
| direct | -1426 Jan 25 j 17:47 | 18°♂27'18 | opposition | -1421 May 03 j 23:28 | 29°♂11'03 1°06'44 |
| asc. node | -1426 Apr 27 j 21:44 | 29°♂27'18 | min. Earth dist. | -1421 May 05 j 06:05 | 29°♂01'17 4.25777 AU |
| | -1426 Apr 30 j 14:42 | 0°♂ | direct | -1421 Jul 04 j 18:39 | 24°♂13'43 |
| evening set | -1426 Jun 01 j 21:22 | 6°♂53'18 | | -1421 Sep 06 j 17:42 | 0°♂ |
| | | | evening set | -1421 Nov 07 j 01:05 | 12°♂34'33 |
| conjunction | -1426 Jun 15 j 13:34 | 9°♂55'21 0°05'15 | | -1421 Nov 17 j 13:19 | 15°♂ |
| minimum elong | -1426 Jun 15 j 13:34 | 9°♂55'21 0°05'16 | max. Earth dist. | -1421 Nov 18 j 05:39 | 15°♂09'27 6.19658 AU |
| behind sun begin | -1426 Jun 15 j 05:32 | 9°♂50'55 | | | |
| behind sun end | -1426 Jun 15 j 21:35 | 9°♂59'47 | conjunction | -1421 Nov 19 j 16:10 | 15°♂29'25 0°26'32 |
| max. Earth dist. | -1426 Jun 16 j 08:15 | 10°♂05'44 6.28132 AU | minimum elong | -1421 Nov 19 j 16:12 | 15°♂29'26 0°26'31 |
| morning rise | -1426 Jun 29 j 04:21 | 12°♂56'27 | morning rise | -1421 Dec 02 j 07:33 | 18°♂24'40 |
| | -1426 Oct 09 j 21:45 | 0°♂ | | -1420 Jan 26 j 05:35 | 0°♂ |
| retrograde | -1426 Oct 30 j 04:33 | 0°♂39'51 | retrograde | -1420 Apr 07 j 00:30 | 7°♂10'27 |
| | -1426 Nov 19 j 08:36 | 30°♂♂ | opposition | -1420 Jun 06 j 23:20 | 2°♂15'32 0°07'22 |
| opposition | -1426 Dec 28 j 21:51 | 25°♂41'06 0°37'12 | min. Earth dist. | -1420 Jun 07 j 16:03 | 2°♂10'09 4.13456 AU |
| min. Earth dist. | -1426 Dec 28 j 17:44 | 25°♂42'28 4.33345 AU | | -1420 Jun 25 j 05:02 | 30°♂♂ |

Planetary Phenomena of Jupiter from -1900 through -1398 (UT), Astrodienst AG 18-Feb-2025 14:23, page 43

Attention, astronomical year style is used: The year -1420 in astronomical counting style is the year 1421 BCE in historical counting style.

| | | | | | | |
|------------------|----------------------|----------------------|------------------|----------------------|-----------|------------|
| desc. node | -1420 Jul 21 j 08:39 | 27°♄45'42 | conjunction | -1414 Jun 20 j 08:56 | 14°♄36'31 | 0°11'09 |
| direct | -1420 Aug 06 j 10:35 | 27°♄20'47 | minimum elong | -1414 Jun 20 j 08:54 | 14°♄36'30 | 0°11'10 |
| | -1420 Sep 16 j 21:39 | 0°♄ | behind sun begin | -1414 Jun 20 j 02:52 | 14°♄33'10 | |
| evening set | -1420 Dec 09 j 04:35 | 16°♄11'08 | behind sun end | -1414 Jun 20 j 14:57 | 14°♄39'50 | |
| | | | max. Earth dist. | -1414 Jun 21 j 01:52 | 14°♄45'53 | 6.29972 AU |
| conjunction | -1420 Dec 21 j 23:44 | 19°♄12'45 -0°17'12 | morning rise | -1414 Jul 03 j 22:27 | 17°♄36'20 | |
| minimum elong | -1420 Dec 21 j 23:43 | 19°♄12'44 0°17'13 | | -1414 Sep 04 j 20:35 | 0°♄ | |
| max. Earth dist. | -1420 Dec 21 j 12:32 | 19°♄06'07 6.07835 AU | retrograde | -1414 Nov 03 j 12:48 | 5°♄11'54 | |
| morning rise | -1419 Jan 03 j 20:39 | 22°♄15'32 | opposition | -1413 Jan 02 j 07:23 | 0°♄13'43 | 0°44'58 |
| | -1419 Feb 07 j 00:52 | 0°♄ | min. Earth dist. | -1413 Jan 02 j 05:00 | 0°♄14'30 | 4.35052 AU |
| retrograde | -1419 May 13 j 22:54 | 12°♄01'12 | | -1413 Jan 04 j 00:47 | 30°♄ | |
| opposition | -1419 Jul 13 j 12:55 | 7°♄02'39 -0°57'54 | direct | -1413 Mar 04 j 13:04 | 25°♄10'25 | |
| min. Earth dist. | -1419 Jul 13 j 11:02 | 7°♄03'16 4.03154 AU | | -1413 May 02 j 11:38 | 0°♄ | |
| direct | -1419 Sep 10 j 15:59 | 2°♄09'22 | evening set | -1413 Jul 09 j 22:47 | 13°♄06'56 | |
| evening set | -1418 Jan 13 j 06:02 | 21°♄26'10 | | | | |
| | | | conjunction | -1413 Jul 23 j 06:30 | 16°♄00'58 | 0°48'29 |
| conjunction | -1418 Jan 26 j 07:28 | 24°♄33'58 -0°56'11 | minimum elong | -1413 Jul 23 j 06:27 | 16°♄00'57 | 0°48'31 |
| minimum elong | -1418 Jan 26 j 07:25 | 24°♄33'57 0°56'12 | max. Earth dist. | -1413 Jul 22 j 19:41 | 15°♄55'04 | 6.38980 AU |
| max. Earth dist. | -1418 Jan 27 j 00:53 | 24°♄44'26 5.99982 AU | morning rise | -1413 Aug 05 j 11:24 | 18°♄53'30 | |
| morning rise | -1418 Feb 08 j 11:56 | 27°♄43'28 | | -1413 Sep 30 j 17:05 | 0°♄ | |
| | -1418 Feb 18 j 02:46 | 0°♄ | retrograde | -1413 Dec 04 j 02:08 | 5°♄54'25 | |
| | -1418 May 06 j 07:19 | 15°♄ | opposition | -1412 Feb 02 j 05:20 | 0°♄59'46 | 1°29'57 |
| retrograde | -1418 Jun 20 j 15:15 | 18°♄07'54 | min. Earth dist. | -1412 Feb 02 j 19:59 | 0°♄54'59 | 4.41481 AU |
| | -1418 Aug 05 j 04:03 | 15°♄ | | -1412 Feb 09 j 22:05 | 30°♄ | |
| opposition | -1418 Aug 19 j 18:35 | 13°♄05'30 -1°43'29 | direct | -1412 Apr 04 j 11:35 | 25°♄56'29 | |
| min. Earth dist. | -1418 Aug 18 j 21:14 | 13°♄12'39 3.98726 AU | | -1412 May 28 j 16:59 | 0°♄ | |
| direct | -1418 Oct 16 j 21:36 | 8°♄11'39 | evening set | -1412 Aug 09 j 16:55 | 13°♄40'16 | |
| | -1418 Dec 22 j 16:14 | 15°♄ | | -1412 Aug 15 j 19:57 | 15°♄ | |
| evening set | -1417 Feb 18 j 22:33 | 27°♄40'12 | max. Earth dist. | -1412 Aug 21 j 08:45 | 16°♄12'19 | 6.42254 AU |
| | -1417 Feb 28 j 17:06 | 0°♄ | | | | |
| | | | conjunction | -1412 Aug 22 j 16:12 | 16°♄29'28 | 1°11'23 |
| conjunction | -1417 Mar 04 j 07:35 | 0°♄51'40 -1°14'29 | minimum elong | -1412 Aug 22 j 16:10 | 16°♄29'27 | 1°11'24 |
| minimum elong | -1417 Mar 04 j 07:34 | 0°♄51'40 1°14'29 | morning rise | -1412 Sep 04 j 12:13 | 19°♄17'09 | |
| max. Earth dist. | -1417 Mar 06 j 00:41 | 1°♄16'13 5.99270 AU | | -1412 Oct 28 j 11:43 | 0°♄ | |
| morning rise | -1417 Mar 17 j 19:55 | 4°♄04'47 | retrograde | -1411 Jan 02 j 16:01 | 6°♄10'17 | |
| retrograde | -1417 Jul 27 j 16:19 | 24°♄25'42 | opposition | -1411 Mar 04 j 05:16 | 1°♄17'58 | 1°49'47 |
| min. Earth dist. | -1417 Sep 24 j 02:42 | 19°♄31'24 4.01940 AU | min. Earth dist. | -1411 Mar 05 j 08:41 | 1°♄09'10 | 4.41537 AU |
| opposition | -1417 Sep 25 j 09:53 | 19°♄20'47 -1°48'58 | | -1411 Mar 14 j 11:20 | 30°♄ | |
| direct | -1417 Nov 22 j 09:40 | 14°♄24'25 | direct | -1411 May 05 j 22:09 | 26°♄15'59 | |
| | -1416 Mar 10 j 23:59 | 0°♄ | | -1411 Jun 26 j 20:05 | 0°♄ | |
| evening set | -1416 Mar 27 j 04:36 | 3°♄43'19 | evening set | -1411 Sep 09 j 15:45 | 14°♄00'59 | |
| | | | max. Earth dist. | -1411 Sep 20 j 11:08 | 16°♄23'43 | 6.38969 AU |
| | | | | | | |
| conjunction | -1416 Apr 09 j 20:40 | 6°♄54'49 -1°04'15 | conjunction | -1411 Sep 22 j 08:27 | 16°♄48'45 | 1°14'32 |
| minimum elong | -1416 Apr 09 j 20:43 | 6°♄54'51 1°04'14 | minimum elong | -1411 Sep 22 j 08:28 | 16°♄48'45 | 1°14'32 |
| max. Earth dist. | -1416 Apr 11 j 23:51 | 7°♄24'44 6.06058 AU | morning rise | -1411 Oct 04 j 22:53 | 19°♄35'29 | |
| morning rise | -1416 Apr 23 j 14:39 | 10°♄07'10 | | -1411 Nov 25 j 07:50 | 0°♄ | |
| retrograde | -1416 Aug 30 j 23:16 | 29°♄42'58 | retrograde | -1410 Feb 03 j 06:54 | 6°♄47'46 | |
| min. Earth dist. | -1416 Oct 28 j 05:37 | 24°♄48'22 4.11548 AU | opposition | -1410 Apr 05 j 02:55 | 1°♄56'08 | 1°39'38 |
| opposition | -1416 Oct 29 j 11:11 | 24°♄38'17 -1°13'41 | min. Earth dist. | -1410 Apr 06 j 13:14 | 1°♄45'12 | 4.35147 AU |
| direct | -1416 Dec 27 j 03:10 | 19°♄38'52 | | -1410 Apr 20 j 17:31 | 30°♄ | |
| | -1415 Mar 24 j 07:24 | 0°♄ | direct | -1410 Jun 06 j 15:33 | 26°♄56'18 | |
| evening set | -1415 May 02 j 17:42 | 8°♄31'12 | | -1410 Jul 22 j 21:32 | 0°♄ | |
| | | | evening set | -1410 Oct 10 j 14:18 | 14°♄56'02 | |
| conjunction | -1415 May 16 j 12:18 | 11°♄38'45 -0°31'05 | max. Earth dist. | -1410 Oct 21 j 07:15 | 17°♄20'42 | 6.29948 AU |
| minimum elong | -1415 May 16 j 12:21 | 11°♄38'46 0°31'03 | | | | |
| max. Earth dist. | -1415 May 18 j 03:54 | 12°♄01'14 6.17692 AU | conjunction | -1410 Oct 23 j 04:33 | 17°♄46'18 | 0°56'37 |
| morning rise | -1415 May 30 j 07:12 | 14°♄46'08 | minimum elong | -1410 Oct 23 j 04:36 | 17°♄46'20 | 0°56'37 |
| | -1415 May 31 j 07:52 | 15°♄ | morning rise | -1410 Nov 04 j 17:33 | 20°♄36'12 | |
| retrograde | -1415 Aug 17 j 15:44 | 0°♄ | | -1410 Dec 19 j 05:08 | 0°♄ | |
| | -1415 Oct 03 j 01:45 | 3°♄18'21 | retrograde | -1409 Mar 08 j 13:17 | 8°♄31'56 | |
| | -1415 Nov 18 j 13:40 | 30°♄ | opposition | -1409 May 08 j 13:44 | 3°♄39'12 | 0°59'49 |
| opposition | -1415 Dec 01 j 15:20 | 28°♄16'17 -0°15'07 | min. Earth dist. | -1409 May 09 j 18:59 | 3°♄29'52 | 4.23997 AU |
| min. Earth dist. | -1415 Nov 30 j 20:28 | 28°♄22'39 4.23969 AU | | -1409 Jun 09 j 21:02 | 30°♄ | |
| direct | -1414 Jan 30 j 12:59 | 23°♄14'15 | direct | -1409 Jul 09 j 03:58 | 28°♄42'09 | |
| asc. node | -1414 Mar 07 j 11:50 | 25°♄13'15 | | -1409 Aug 07 j 08:22 | 0°♄ | |
| | -1414 Apr 10 j 07:04 | 0°♄ | | -1409 Nov 02 j 02:39 | 15°♄ | |
| evening set | -1414 Jun 06 j 17:26 | 11°♄35'33 | | | | |

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Attention, astronomical year style is used: The year -1409 in astronomical counting style is the year 1410 BCE in historical counting style.

| | | | | | | | |
|------------------|----------------------|---------------------------------|------------|------------------|----------------------|-------------------------|------------|
| evening set | -1409 Nov 11 j 09:55 | 17° \mathbb{M} 07'35 | | max. Earth dist. | -1403 May 23 j 04:56 | 16° \mathcal{B} 56'58 | 6.19605 AU |
| max. Earth dist. | -1409 Nov 22 j 16:52 | 19° \mathbb{M} 44'32 | 6.17644 AU | morning rise | -1403 Jun 04 j 09:27 | 19° \mathcal{B} 41'52 | |
| | | | | | -1403 Jul 23 j 15:02 | 0° \mathbb{I} | |
| conjunction | -1409 Nov 24 j 01:26 | 20° \mathbb{M} 03'28 | 0°20'57 | retrograde | -1403 Oct 07 j 16:34 | 8° \mathbb{I} 04'30 | |
| minimum elong | -1409 Nov 24 j 01:27 | 20° \mathbb{M} 03'29 | 0°20'56 | opposition | -1403 Dec 06 j 05:54 | 3° \mathbb{I} 02'55 | -0°06'06 |
| morning rise | -1409 Dec 06 j 17:25 | 22° \mathbb{M} 59'50 | | min. Earth dist. | -1403 Dec 05 j 13:28 | 3° \mathbb{I} 08'27 | 4.25885 AU |
| | -1408 Jan 07 j 02:46 | 0° \mathcal{X} | | | -1403 Dec 30 j 16:15 | 30° \mathcal{R} 8 | |
| retrograde | -1408 Apr 12 j 00:30 | 11° \mathcal{X} 55'34 | | asc. node | -1402 Jan 14 j 02:13 | 28° \mathcal{B} 44'16 | |
| desc. node | -1408 Jun 02 j 01:44 | 8° \mathcal{X} 15'10 | | direct | -1402 Feb 04 j 08:59 | 28° \mathcal{B} 00'36 | |
| opposition | -1408 Jun 11 j 20:45 | 7° \mathcal{X} 00'13 | -0°01'38 | | -1402 Mar 12 j 11:45 | 0° \mathbb{I} | |
| min. Earth dist. | -1408 Jun 12 j 12:39 | 6° \mathcal{X} 55'04 | 4.11341 AU | evening set | -1402 Jun 11 j 13:32 | 16° \mathbb{I} 17'03 | |
| direct | -1408 Aug 11 j 03:48 | 2° \mathcal{X} 05'41 | | | | | |
| evening set | -1408 Dec 13 j 20:54 | 21° \mathcal{X} 02'07 | | conjunction | -1402 Jun 25 j 04:03 | 19° \mathbb{I} 16'53 | 0°17'03 |
| | | | | minimum elong | -1402 Jun 25 j 04:01 | 19° \mathbb{I} 16'52 | 0°17'05 |
| conjunction | -1408 Dec 26 j 16:55 | 24° \mathcal{X} 04'59 | -0°23'08 | max. Earth dist. | -1402 Jun 25 j 16:46 | 19° \mathbb{I} 23'54 | 6.31710 AU |
| minimum elong | -1408 Dec 26 j 16:53 | 24° \mathcal{X} 04'58 | 0°23'09 | morning rise | -1402 Jul 08 j 16:33 | 22° \mathbb{I} 15'32 | |
| max. Earth dist. | -1408 Dec 26 j 08:31 | 24° \mathcal{X} 00'00 | 6.05817 AU | | -1402 Aug 14 j 16:07 | 0° \mathcal{E} | |
| morning rise | -1407 Jan 08 j 14:56 | 27° \mathcal{X} 09'07 | | retrograde | -1402 Nov 07 j 21:12 | 9° \mathcal{E} 44'01 | |
| | -1407 Jan 20 j 18:47 | 0° \mathcal{Z} | | opposition | -1401 Jan 06 j 17:30 | 4° \mathcal{E} 46'21 | 0°52'36 |
| retrograde | -1407 May 19 j 03:38 | 17° \mathcal{Z} 04'30 | | min. Earth dist. | -1401 Jan 06 j 17:20 | 4° \mathcal{E} 46'24 | 4.36488 AU |
| opposition | -1407 Jul 18 j 16:10 | 12° \mathcal{Z} 05'26 | -1°05'53 | | -1401 Feb 23 j 15:30 | 30° \mathcal{R} II | |
| min. Earth dist. | -1407 Jul 18 j 10:54 | 12° \mathcal{Z} 07'10 | 4.01457 AU | direct | -1401 Mar 09 j 02:50 | 29° \mathbb{I} 42'57 | |
| direct | -1407 Sep 15 j 13:25 | 7° \mathcal{Z} 12'13 | | | -1401 Mar 22 j 17:25 | 0° \mathcal{E} | |
| evening set | -1406 Jan 18 j 07:08 | 26° \mathcal{Z} 34'26 | | evening set | -1401 Jul 14 j 12:28 | 17° \mathcal{E} 36'14 | |
| | | | | | | | |
| conjunction | -1406 Jan 31 j 09:39 | 29° \mathcal{Z} 43'17 | -1°00'12 | conjunction | -1401 Jul 27 j 19:00 | 20° \mathcal{E} 29'22 | 0°52'47 |
| minimum elong | -1406 Jan 31 j 09:36 | 29° \mathcal{Z} 43'15 | 1°00'13 | minimum elong | -1401 Jul 27 j 18:58 | 20° \mathcal{E} 29'20 | 0°52'48 |
| max. Earth dist. | -1406 Feb 01 j 06:41 | 29° \mathcal{Z} 55'56 | 5.98752 AU | max. Earth dist. | -1401 Jul 27 j 05:32 | 20° \mathcal{E} 22'01 | 6.39998 AU |
| | -1406 Feb 01 j 13:26 | 0° \approx | | morning rise | -1401 Aug 09 j 22:25 | 23° \mathcal{E} 20'55 | |
| morning rise | -1406 Feb 13 j 15:21 | 2° \approx 53'52 | | | -1401 Sep 10 j 19:37 | 0° \mathcal{Q} | |
| | -1406 Apr 09 j 13:01 | 15° \approx | | retrograde | -1401 Dec 08 j 09:23 | 10° \mathcal{Q} 18'38 | |
| retrograde | -1406 Jun 25 j 23:15 | 23° \approx 23'19 | | opposition | -1400 Feb 06 j 13:56 | 5° \mathcal{Q} 24'28 | 1°34'26 |
| min. Earth dist. | -1406 Aug 24 j 00:38 | 18° \approx 28'19 | 3.98114 AU | min. Earth dist. | -1400 Feb 07 j 06:48 | 5° \mathcal{Q} 19'00 | 4.42030 AU |
| opposition | -1406 Aug 25 j 00:15 | 18° \approx 20'22 | -1°46'51 | direct | -1400 Apr 08 j 22:40 | 0° \mathcal{Q} 21'22 | |
| | -1406 Sep 21 j 10:34 | 15° $\mathcal{R}\approx$ | | | -1400 Jul 30 j 17:42 | 15° \mathcal{Q} | |
| direct | -1406 Oct 22 j 01:23 | 13° \approx 26'13 | | evening set | -1400 Aug 14 j 02:37 | 18° \mathcal{Q} 04'08 | |
| | -1406 Nov 21 j 13:04 | 15° \approx | | max. Earth dist. | -1400 Aug 25 j 13:05 | 20° \mathcal{Q} 33'26 | 6.42268 AU |
| | -1405 Feb 11 j 16:45 | 0° \mathcal{X} | | | | | |
| evening set | -1405 Feb 24 j 05:23 | 2° \mathcal{X} 56'50 | | conjunction | -1400 Aug 27 j 00:40 | 20° \mathcal{Q} 52'51 | 1°13'05 |
| | | | | minimum elong | -1400 Aug 27 j 00:38 | 20° \mathcal{Q} 52'50 | 1°13'06 |
| conjunction | -1405 Mar 09 j 15:46 | 6° \mathcal{X} 08'51 | -1°14'41 | morning rise | -1400 Sep 08 j 19:48 | 23° \mathcal{Q} 40'09 | |
| minimum elong | -1405 Mar 09 j 15:47 | 6° \mathcal{X} 08'51 | 1°14'42 | | -1400 Oct 09 j 00:35 | 0° \mathbb{N} | |
| max. Earth dist. | -1405 Mar 11 j 13:39 | 6° \mathcal{X} 36'13 | 5.99333 AU | retrograde | -1399 Jan 07 j 01:53 | 10° \mathbb{N} 34'15 | |
| morning rise | -1405 Mar 23 j 05:07 | 9° \mathcal{X} 22'22 | | opposition | -1399 Mar 08 j 15:30 | 5° \mathbb{N} 42'09 | 1°50'11 |
| retrograde | -1405 Aug 01 j 21:36 | 29° \mathcal{X} 40'38 | | min. Earth dist. | -1399 Mar 09 j 21:06 | 5° \mathbb{N} 32'41 | 4.41034 AU |
| min. Earth dist. | -1405 Sep 29 j 05:04 | 24° \mathcal{X} 46'25 | 4.02668 AU | direct | -1399 May 10 j 08:59 | 0° \mathbb{N} 40'23 | |
| opposition | -1405 Sep 30 j 13:07 | 24° \mathcal{X} 35'30 | -1°46'04 | evening set | -1399 Sep 13 j 23:59 | 18° \mathbb{N} 26'48 | |
| direct | -1405 Nov 27 j 13:24 | 19° \mathcal{X} 38'43 | | max. Earth dist. | -1399 Sep 24 j 18:57 | 20° \mathbb{N} 49'38 | 6.37983 AU |
| | -1404 Feb 21 j 05:21 | 0° \mathcal{Y} | | | | | |
| evening set | -1404 Apr 01 j 12:03 | 8° \mathcal{Y} 55'20 | | conjunction | -1399 Sep 26 j 16:17 | 21° \mathbb{N} 14'44 | 1°13'14 |
| | | | | minimum elong | -1399 Sep 26 j 16:18 | 21° \mathbb{N} 14'45 | 1°13'14 |
| conjunction | -1404 Apr 15 j 04:40 | 12° \mathcal{Y} 06'32 | -1°00'33 | morning rise | -1399 Oct 09 j 06:07 | 24° \mathbb{N} 01'40 | |
| minimum elong | -1404 Apr 15 j 04:43 | 12° \mathcal{Y} 06'33 | 1°00'33 | | -1399 Nov 06 j 04:56 | 0° \mathcal{L} | |
| max. Earth dist. | -1404 Apr 17 j 07:18 | 12° \mathcal{Y} 36'01 | 6.07350 AU | | | | |
| morning rise | -1404 Apr 28 j 23:19 | 15° \mathcal{Y} 18'30 | | | | | |
| | -1404 Jul 10 j 10:18 | 0° \mathcal{B} | | | | | |
| retrograde | -1404 Sep 04 j 19:18 | 4° \mathcal{B} 45'52 | | | | | |
| | -1404 Nov 01 j 01:19 | 30° \mathcal{R} \mathcal{Y} | | | | | |
| min. Earth dist. | -1404 Nov 02 j 02:37 | 29° \mathcal{Y} 51'23 | 4.13228 AU | | | | |
| opposition | -1404 Nov 03 j 08:11 | 29° \mathcal{Y} 41'18 | -1°06'07 | | | | |
| direct | -1403 Jan 01 j 03:48 | 24° \mathcal{Y} 41'21 | | | | | |
| | -1403 Mar 01 j 23:12 | 0° \mathcal{B} | | | | | |
| evening set | -1403 May 07 j 20:34 | 13° \mathcal{B} 28'55 | | | | | |
| | -1403 May 14 j 14:09 | 15° \mathcal{B} | | | | | |
| | | | | | | | |
| conjunction | -1403 May 21 j 15:08 | 16° \mathcal{B} 35'35 | -0°25'12 | | | | |
| minimum elong | -1403 May 21 j 15:10 | 16° \mathcal{B} 35'36 | 0°25'10 | | | | |