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Conjunction of Jupiter and Mars

SAT, 14 NOV 2026 AT 21:42 EST (02:42 UTC)
20 DAYS AWAY

Dominic Ford, Editor
From the Conjunctions feed

Tags: Conjunction **Objects:** Jupiter Mars

LEVEL 1

Jupiter and Mars will share the same right ascension, with Jupiter passing 1°14′ to the south of Mars.

At around the same time, the two objects will also make a close approach, technically called an appulse.

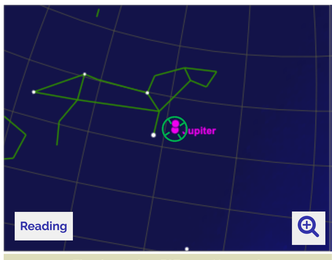
From Reading , the pair will be visible in the dawn sky, rising at 23:30 (EDT) and reaching an altitude of 63° above the southern horizon before fading from view as dawn breaks at around 06:08.

Jupiter will be at mag -2.1, and Mars at mag 0.7, both in the constellation Leo.

The pair will be too widely separated to fit within the field of view of a telescope, but will be visible to the naked eye or through a pair of binoculars.

A graph of the angular separation between Jupiter and Mars around the time of closest approach is available here.

The positions of the two objects at the moment of conjunction will be as follows:



The sky at 06:47 EST on 15 Nov 2026

JUPITER »
JUPITER FINDER CHART »
JUPITER ORBIT DIAGRAM »
JUPITER EPHEMERIS »

Object	Right Ascension	Declination	Constellation	Magnitude	Angular Size
Jupiter	09h51m40s	13°44′N	Leo	-2.1	36″.5
Mars	09h51m40s	14°59′N	Leo	0.7	7″.1

The coordinates above are given in J2000.0. The pair will be at an angular separation of 86° from the Sun, which is in Libra at this time of year.

The sky on 14 Nov 2026

THE SKY ON 14 NOVEMBER 2026

Sunrise 06:45
Sunset 16:46
Twilight ends 18:21
Twilight begins 05:11


Waxing Crescent
32%
6 days old

Planets

	Rise	Culm.	Set
Mercury	05:16	10:41	16:06
Venus	04:21	09:49	15:17
Moon	11:39	16:11	20:48
Mars	23:24	06:20	13:16
Jupiter	23:29	06:21	13:12
Saturn	14:55	21:01	03:06

All times shown in EST.

Source

The circumstances of this event were computed using the DE440 planetary ephemeris published by the Jet Propulsion Laboratory (JPL).

This event was automatically generated by searching the ephemeris for planetary alignments which are of interest to amateur astronomers, and the text above was generated based on an estimate of your location.

Related news

10 Mar 2026 – Jupiter ends retrograde motion
12 Dec 2026 – Jupiter enters retrograde motion
10 Feb 2027 – Jupiter at opposition
12 Apr 2027 – Jupiter ends retrograde motion

Image credit

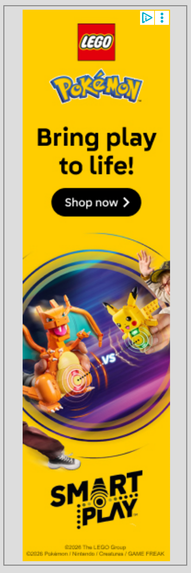
The Moon in conjunction with Venus and Jupiter, with the Very Large Telescope in the foreground. Image © Y. Beletsky, ESO, 2009.

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