



Conjunction of Venus and Uranus

THU, 03 JUL 2025 AT 20:55 EDT (00:55 UTC)
 4 DAYS AGO

Dominic Ford, Editor
 From *the Conjunctions feed*



Tags: [Conjunction](#) Objects: [Uranus](#) [Venus](#)

Venus and Uranus will share the same right ascension, with Venus passing 2°25' to the south of Uranus.

From Philadelphia however, the pair will not be observable – they will reach their highest point in the sky during daytime and will be no higher than 14° above the horizon at dawn.

Venus will be at mag -4.1, and Uranus at mag 5.8, both in the constellation [Taurus](#).

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

A graph of the angular separation between Venus and Uranus around the time of closest approach is [available here](#).

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

Object	Right Ascension	Declination	Constellation	Magnitude	Angular Size
Venus	03h49m20s	17°24'N	Taurus	-4.1	17"3
Uranus	03h49m20s	19°50'N	Taurus	5.8	3"4

The coordinates above are given in J2000.0. The pair will be at an angular separation of 43° from the Sun, which is in [Gemini](#) at this time of year.

The sky on 3 Jul 2025

THE SKY ON 3 JULY 2025

Sunrise		Sunset		Twilight ends		Twilight begins	
05:34	20:32	22:34	03:32				

Planets			
	Rise	Culm.	Set
Mercury	07:44	14:52	22:00
Venus	02:57	10:00	17:04
Moon	14:12	19:39	00:57
Mars	10:21	16:55	23:29
Jupiter	05:07	12:34	20:02
Saturn	00:24	06:22	12:21

All times shown in EDT.



URANUS »

NO SUGAR CHALLENGE
based on your age

URANUS FINDER CHART »

URANUS ORBIT DIAGRAM »

URANUS EPHEMERIS »

Philadelphia

Latitude: 39.95°N
 Longitude: 75.16°W
 Timezone: EDT

Color scheme

Light
 Night mode

Source

The circumstances of this event were computed using the [DE430 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.

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Related news

- 30 Jan 2025 – [Uranus ends retrograde motion](#)
- 06 Sep 2025 – [Uranus enters retrograde motion](#)
- 21 Nov 2025 – [Uranus at opposition](#)
- 03 Feb 2026 – [Uranus ends retrograde motion](#)

Image credit

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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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