

# WEEKLY SKY REPORT

November 2 – November 8, 2025

## SPACE STATIONS

The Chinese space station Tiangong has some great passes visible for us this week:

Nov. 2 5:52pm South West, Altitude 20°; 5:54pm South East, Alt. 49°; Magnitude -1.7

Nov. 3 6:29pm West, Altitude 20°; 6:31pm North West, Altitude 64°; Magnitude -2.0

Nov. 4 5:29pm South West, Alt. 20°; 5:31pm South East, Altitude 84°; Magnitude -2.1

Nov. 5 6:06pm West, Altitude 20°; 6:08pm North, Altitude 48°; Magnitude -1.6

Nov. 8 6:19pm North West, Altitude 20°; 6:21pm North, Altitude 45°; Magnitude -1.6

## CONSTELLATIONS AND ASTERISMS

Lyra is overhead as it gets dark and is home to Vega, the second-brightest star in the northern hemisphere. Cygnus the swan is next to Lyra. Cygnus is also known as the asterism, or unofficial constellation, the Northern Cross. It has one of the prettiest objects that is visible with binoculars or with our library telescope (see next page!). At the base of the long end of the cross the binary star Albireo. One star is yellow (it is itself a trinary star system) and the other blue, which makes a beautiful contrast. Cygnus is also the home of bright star Deneb, at the other end of the cross. Together with Vega and Altair in the constellation Aquila, they make the Summer Triangle, another asterism. Those other asterisms, the Big and Little Dipper, are visible to the north of the Summer Triangle. Those yummy asterisms the ice cream cone and fallen scoop that are the constellations of Boötes and Corona Borealis are pitched over in the west and are dripping their star drops onto San Francisco as they set.

## PLANETS

Saturn is easy to spot over as it hangs over the Berkeley hills right after sunset. It is the brightest object in the south eastern sky. It will be visible in our night sky until March 2026, so now is a great time to put a hold on our library telescope! And in other exciting news, Jupiter is rising over the Hills just around midnight.

# Telescopes @ Berkeley Public Library!

We have a Orion StarBlast Astro Reflector Telescope that you can borrow for 1 week. Place a hold on it and then pick it up from your branch when it is ready. It is fairly easy to carry at 13 lbs., and stands about 2 feet tall.

Here's what you get:

"A great compact grab-and-go telescope designed for entry-level and intermediate astronomy enthusiasts. Substantial 4.5" aperture and fast f/4 focal ratio provides bright, detailed views of solar system targets like the Moon and planets, as well as wide-field celestial objects like nebulae and star clusters."



We also have a couple of pairs of binoculars to check out!

Much of the information for this report comes from the wonderful web site, Heavens Above. You can enter your home city location and bookmark it for easy access: <http://www.heavens-above.com>. Other stellar sources include: <http://www.space.com> and <http://www.nasa.gov>. And check [spacex.com](http://spacex.com) for launches.

# Binoculars @ Berkeley Public Library!

Thanks to a generous donation from the Cal Falcons program, we have 9 Vortex-Raptor binocular kits that you can put on hold and pick up at the location of your choice.

Here's what you get:

Porro prism performance in a mid-size, wide-angle design, the Raptors deliver a bright, crisp image with excellent color fidelity - even in low light conditions. With a wide range of interpupillary distance, they can easily be adjusted to fit anyone in the family, making them ideal for serious, hard-core youth hunters. The kit comes with a copy of The Sibley Field Guide to Birds of Western America and a pocket guide to local birds of the SF Bay Area. But it is also great for looking at planets, the moon and the stars!



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