

Source & Tool Atlas

This atlas collects external tools and reference sources that make the wiki stronger. The goal is not to outsource the argument to authority, but to give readers places where predictions, public data, and independent observations can be checked.

Sky and Time Predictions

- [US Naval Observatory — Complete Sun and Moon Data](#): rise, set, transit, twilight, and Moon data for specific locations.
- [Stellarium Web](#): interactive sky map for checking what should be visible from a location and time.
- [Heavens-Above](#): satellite passes, sky events, and observer-location-based predictions.
- [Globe at Night](#): citizen-science night-sky observations, including constellation-finding campaigns.

Eclipses, Tides, Weather, and Earth Systems

- [NASA Eclipse Web Site](#): long-range solar and lunar eclipse catalogs and maps.
- [NOAA Ocean Service — What are tides?](#): overview of lunar/solar gravitational tide mechanics.
- [NOAA JetStream](#): weather education resources and global atmospheric circulation context.
- [USGS Latest Earthquakes](#): live seismic observations and public earthquake data.

Signals and Satellites

- [AMSAT Satellite Status](#): amateur-radio satellite status reports from operators around the world.
- [NOAA/NCEI Geomagnetic Calculators](#): magnetic declination and field calculators for compass reality checks.

How to Use the Atlas

Pick one outside source, make a prediction, then compare it with direct observation. The best lesson happens when an outside prediction matches what you can see, time, photograph, or measure yourself.

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