

STELLARIUM

FREE Planetarium Program

<http://www.stellarium.org>

Download the application (Mac OSX, Windows, or Linux) AND User Guide;

Once it is downloaded, you do NOT need to be connected to the internet to use this program

NOTE: this download *properly* links to SourceForge.net

HEAVENS ABOVE

<http://www.heavens-above.com/>

This **interactive** website has lots of astronomy info (set various observation locations; full sky charts; individual constellations; related mythology; International Space Station [ISS] and other satellite sighting predictions; planetary data; and much more)

Register to save your locations or use as a guest

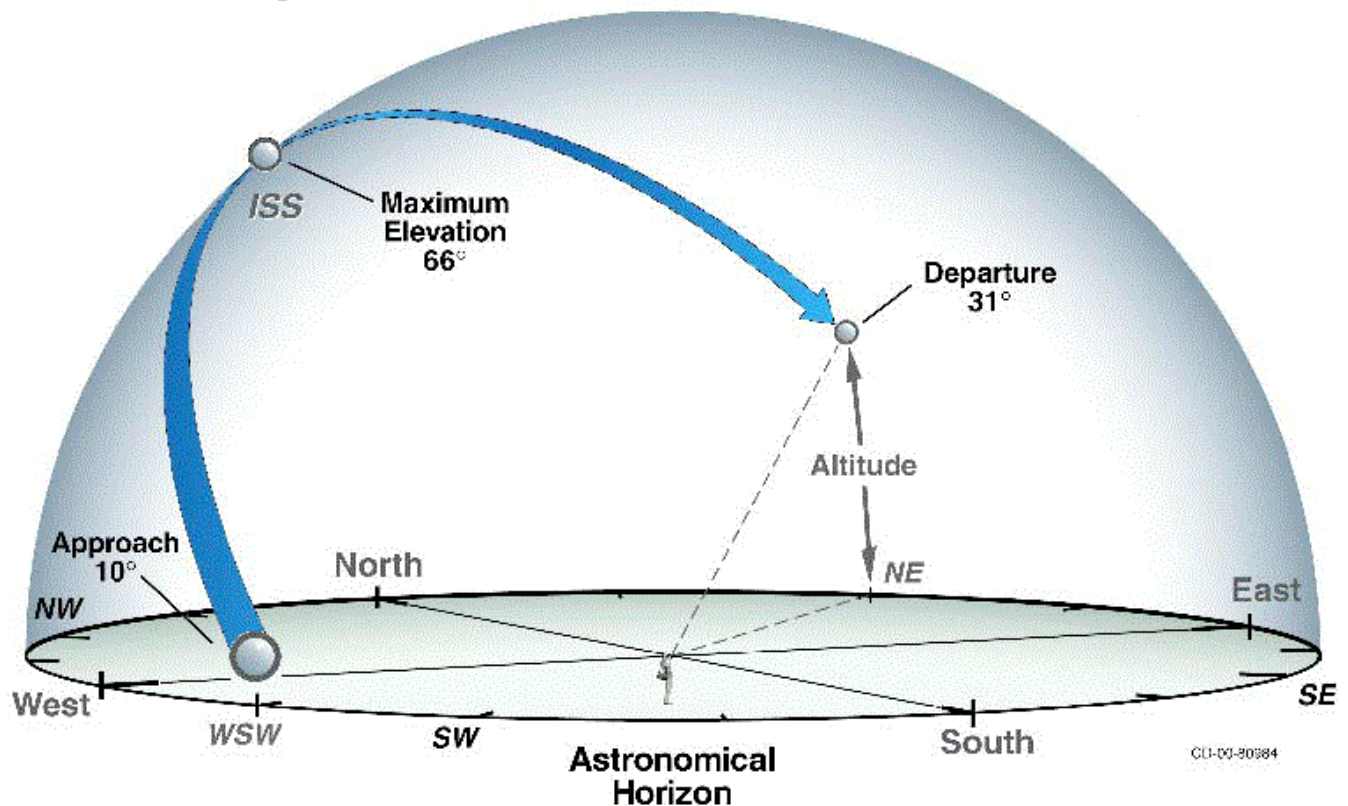
Below is a satellite locating/viewing diagram. Here are some terminology correlations:

Heavens-Above = This Diagram

Start = Approach

Highest Point = Maximum Elevation

End = Departure



NASA

Planet images; fact sheets; exploration missions

Solar Eclipse information

Lunar Eclipse information

Solar Transit info (object crosses Sun's face) <http://eclipse.gsfc.nasa.gov/transit/transit.html>

<http://nssdc.gsfc.nasa.gov/planetary/>

<http://eclipse.gsfc.nasa.gov/solar.html>

<http://eclipse.gsfc.nasa.gov/lunar.html>

Subscriptions, News, Alerts

Sky & Telescope

<http://www.skyandtelescope.com/>

On-line version of the magazine: sky updates; observing suggestions; telescope buying advice; star clubs; A source for planispheres, lunar calendars, clothing

Software: freeware, shareware

<http://www.skyandtelescope.com/resources/software>

This Week's Sky At a Glance

<http://www.skyandtelescope.com/observing/sky-at-a-glance>

Weekly observing update; published every Friday

The University of Texas McDonald Observatory

<https://stardate.org/>

A monthly e-mail newsletter is available by FREE subscription

<https://stardate.org/skytips>

EarthSky

<http://earthsky.org/>

A daily newsletter is available by FREE subscription; click "subscribe" on upper banner

Space Weather

<http://www.spaceweather.com/>

News and information about the Earth-Sun environment: aurora alerts; images of the sun; sunspot activity; etc.

At the banner, you can *subscribe* to the weekly e-mail SpaceweatherNews--no cost.

The red tab, "SUBSCRIBE", will list you for Alerts, special notices outside of the regular subscription postings.

<http://spaceweather.com/services/>

Meteors / Meteor Showers

<https://stardate.org/nightsky/meteors>

<http://earthsky.org/astronomy-essentials/earthskys-meteor-shower-guide>

<http://www.imo.net/files/meteor-shower/cal2017.pdf> (International Meteor Organization)
very technical

Total Solar Eclipse: 21 Aug 2017

Will be visible from Oregon to South Carolina

NASA

<https://eclipse.gsfc.nasa.gov/SEgoogle/SEgoogle2001/SE2017Aug21Tgoogle.html>

Northeast Astronomy Forum (NEAF)

<http://www.rocklandastronomy.com/neaf.html>

World's Largest Astronomy & Space Expo

08 & 09 April 2017

SUNY Rockland Community College;

145 College Road;

Suffern, New York 10901

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