

Additional Resources

Copy of the presentation: www.astroarn.com/books-tutorials

Little Thompson Observatory (Field-Trip): <http://www.starkids.org/>

Websites

Power of 10 Video

<http://powersof10.com/film>

General Weather + Sunset/sunrise + Moonset/Moonrise + Twilight Times
wunderground.com

Free Evening Sky Maps

www.skymaps.com

Download Stellarium - A free Planetarium Program for your Computer

www.stellarium.org

Man-Made Satellites Flyovers

www.heavens-above.com

International Dark Sky Association (IDA)

www.darksky.com

Field of View Calculator:

<http://www.tawbaware.com/maxlyons/calc.htm>

<http://www.howardedin.com/articles/fov.html>

A light pollution map of the United States

http://www.jshine.net/astronomy/dark_sky/

Hourly Astronomy Weather

<http://cleardarksky.com/>

Technology

Stellarium (Planetarium Program for Win/Mac/Linux):

www.stellarium.org

Books

Backyard Astronomer's Guide by Terence Dickinson & Alan Dyer

Sky & Telescope's Pocket Sky Atlas by Roger W. Sinnott

The Kaguya Lunar Atlas: The Moon in High Resolution by Motomaro Shirao

Field Trip Information

We are currently scheduled to visit the Little Thompson Observatory on August 14th, 2012. If the weather is poor for the evening, we also have the place reserved on the 15th. If we move to the 15th, someone from OSHER will contact you.

On the given night, we will meet in the parking lot of the Berthoud High School in Berthoud, CO at 7:55pm.

If you have your own telescope and would like assistance in setting it up, viewing tips, etc. please feel free to bring it with you. Otherwise we will be viewing through the observatory's telescopes on a guided tour of the night sky by volunteers at the observatory.

If you have any questions, please contact me via email at robert@astroarn.com

Directions:

From Loveland or Ft. Collins via 287:

Take Highway 287 south to Berthoud. Turn left (East) onto CO-56 at the traffic lights. Follow CO-56 East to the next lights and turn South (right) onto CR-17. Turn left on the 3rd street on your left, which is Spartan Avenue. The High School will be on your left and you can park in the parking lot just East of the school. The Observatory is visible from the parking lot.

From Ft. Collins:

Take I-25 south to the Berthoud exit (exit number 250, for Highway 56), and go west into Berthoud. At the roundabout, continue west onto Mountain Ave. Watch for 8th Street—there is a traffic light and Guarantee Bank and A&W at the intersection of Mountain Ave and 8th. Turn south onto 8th St. Follow 8th St. to the south, and it meanders a bit. 8th will end in a T-intersection at Spartan Drive. Turn right (west) on Spartan Drive, and watch for Berthoud High School on your right. You'll see the observatory to the north-east of the school. It's hard to miss: a blue building with two big white domes.

Parking is very limited near the observatory building. Please park in the large, lighted high school parking lot.

However, guests with disabilities or who have trouble walking on a gravel path can drive through the gate and follow the gravel road to the observatory building.

Note that while the main LTO building is wheelchair accessible, the telescope dome is not. In addition, the stairway into the observatory dome is steep, curved, narrow, and at

times dimly lit. Although there is a convenient handrail, those with significant physical limitations may want to contact LTO before their visit to determine if access to the telescope can be accommodated.

