

Stone Edge Observatory - How To Notes

<https://voices.uchicago.edu/stoneedgeobservatory/>

Download StoneEdgeTunnelV2_1.jar to your computer. (Optional file AstroImageProcessor is also at this link.)

https://drive.google.com/folderview?id=0B3Hieedgs_7FdUNvbVlaTVInRHc&usp=sharing

1. On your computer, double click the StoneEdgeTunnelV2_1.jar, menu Connection, Connect. You will be prompted to open StoneEdge Key (StoneEdgeAccessFileforyou.txt) This is the text file with your access key that I mailed to your email address. Navigate to this key and choose it.
 - a. *If you don't have an access key, contact Vivian Hoette vh27748@gmail.com or Kate Meredith kate8meredith@gmail.com.* **Amanda Pagul amendochka@gmail.com**
2. Open StoneEdge GUI <http://localhost:8080/StoneEdge3/>
 - a. Change Lock Status – enter personal info.
 - b. Telescope Status should say “can open” – open up (will not open if something is wrong, i.e. Bad weather, sun, etc.) –
 - c. Watch dome open from Dome tab.
 - d. Targeting – can use Simbad Search to find object
 - e. Slew to object.
 - i. Note: You have the option to edit the image name at the top right box called Current Postion.
 - f. Go Imaging tab – choose your filter and exposure time.
 - g. Save each image.
 - h. Take darks for each exposure time. (You don't need darks for each filter - just the exposure times.)
3. **Closedown** when you finish! Very important! (Changelock does not close the dome or park the telescope.) You will see that you no longer control the telescope and it is ready for the next person.
4. Where to find your images.
 - a. Images are saved to <https://stars.uchicago.edu/filemanager/> (yerkesstudent – weareyerkesstars) – images, StoneEdge, 0.5 meter, 2015, the date and object name. You can view your images here at this site by clicking on the icon in front of each image. Or you can download the images, best done one by one.
 - b. You can also download the images from the tunnel window under Transfer Images.
5. Go back to the tunnel program on your computer and disconnect and exit.

****Text or email Viv with questions or problems.... don't worry if it is middle of the night... my job! The observatory has just been put back online after a CCD camera repair so there might be problems of one sort or another. Please let me know as I can fix almost everything in just a few minutes. 262-215-1599 or

vh27748@gmail.com.

Amanda Pagul amendochka@gmail.com

There is a practice site here: <http://stoneedgeobs.appspot.com/>. At this site you might see David McGinnis signed in. On the practice site, go ahead and click on Change Lock and then Unlock, then Break Lock. Then click on Change Lock again to log in. When you finish, click on Closedown. The live webcam is of George Williams College lakefront area instead of Stone Edge!

More – <https://sites.google.com/a/starsatyerkes.net/stone-edge-obs/home> Much of the random info on this site has to do with how to take images using command lines rather than the graphical user interface. If you like using program commands to control the telescope, we can set up an account so you can operate the telescope this way.

Look at calendar to see observing schedule or request to reserve a time by emailing Viv.

<https://sites.google.com/a/starsatyerkes.net/stone-edge-obs/home/calendar>