

Equipment List:

Primary Telescope

- Meade 10" LX600 AFC
- ATIK EFW 2.2 50mm 7 position Filter wheel
- Baader 50mm L, R, G, B, Ha, Oiii, & Hb Filters
- Software Bisque Paramount MX+ Mount
- Starlight Express Loadstar Auto-guider with 70mm guide scope
- Bahtinov Mask --Focusing Mask

Wide Field Scope (added January 2017)

- Explore Scientific ED80 80mm Refractor
- Software Bisque Paramount MYT Mount
- Starlight Express Loadstar Auto-guider with 50mm guide scope
- Bahtinov Mask --Focusing Mask
- ATIK EFW 2.2 50mm 7 position Filter wheel
- Baader 50mm L, R, G, B, Ha, Oiii, & Hb Filters
- Astromania 2" field flattener

Cameras:

- ZWO ASI1600MM-Cool
- ATIK 1100 CCD
- QHY600
- Nikon 810A

Software:

- TheSkyX Professional for scope, camera, and autoguiding control.
- Backyard-Nikon for DSLR camera control
- AstroArt 7.0 for stacking deep sky pictures
- Deep Sky Stacker 4.2.2
- RegiStax6 for planetary stacking.
- Photo shop

2 Computers -- Surface Pro 4 running Windows 10. All scopes and cameras are controlled from the Surface via USB 3.0 connections.

10' X 10' Role-off roof Observatory built November 2019. Solar powered. Both scopes are on permanent pedestal mounts.