



SARA-RM Observatory Directors Report

April 6th, 2019
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I. Summary

The dome motor is still a worry. The Connector Client still unstable, and a system reset is the workaround and recommended at the beginning of observations. Reminders on Autoguider functions and dome azimuth resets are on the desktops.

II. Telescope Usage

Table 1 presents the statistics for the telescope usage from September 2018 to March 2019 as compiled by Bill Keel (thank you Bill!). No major worries.

Table 1: SARA-RM Telescope Usage Statistics (Thank you Bill Keel).

Month	Hours Worked	Clear	Tech losses
Sep '18	136.8	68%	19.8%
Oct '18	84	33%	1%
Nov '18	105	49%	4.8%
Dec '18	154.75	95%	10.2%
Jan '19	97.5	58.1%	14.5%
Feb '19	127	72.6%	2.6%
Mar '19	111	52%	13%

III. Observatory Problems

1) ONGOING. The Connector Client will fault regularly (all green lights on the DIO96 status board lit) and need to have a remote hard reset performed by power cycling the control cabinet. Instructions on how to complete this are in the README text file on the desktop. ***The best observing practice is to perform a complete system power cycle before staring observations. Follow the README.TXT instructions on the desktop.***

2) ONGOING. Dome shutter motor: The current motor is original (1983) and could fail at any time. Plan on replacing.

IV. Instrumentation

1. *Cameras.* No known issues.
2. *Computers.* No known issues.
3. *Weather Station.* No known issues.
4. *All Sky Camera.* No known issues.
5. *Dome Cameras.* No known issues.