

OSURC Nightlog 20220701 UT

Observer*: Jenny Power

Lead Partner Observer*: Don Terndrup

Telescope Operator: David Gonzalez Huerta

AO Support*: Juan Carlos Guerra

*** = from home**

Plan:

Plan to start with MODS for ASSASN program. Possible execution of OSU IDF if conditions allow, or UVir_nirjets_AO at end of night depending on conditions.

Summary:

Night lost to weather.

Issues:

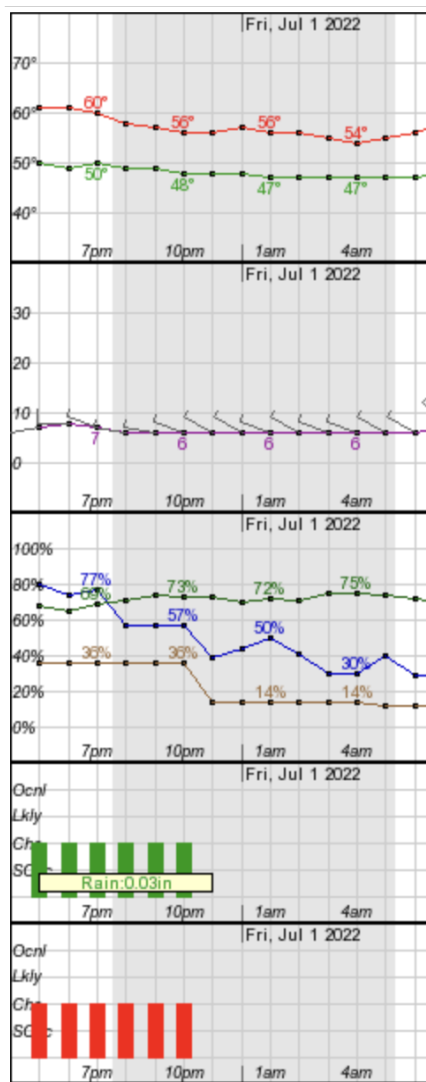
Just the weather.

Weather:

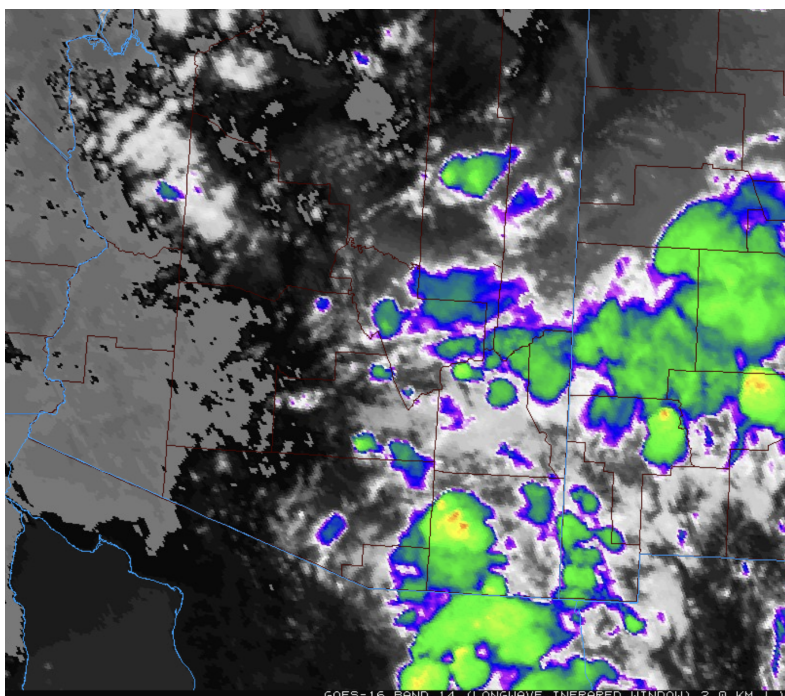
Weather Forecast for Friday Night: A 30 percent chance of showers and thunderstorms before 11pm. Mostly cloudy, with a low around 54. Northwest wind around 10 mph.

First half the summit was covered in thick cloud cover. These somewhat gave way the second half but we were socked in high humidity. Clouds moved back in for the last hour of the night.

07:00 - overcast conditions giving way to clearer skies, but humidity is close to 100%.



Friday, July 1 at 3am



Satellite image from 1.5 hours before sunset.

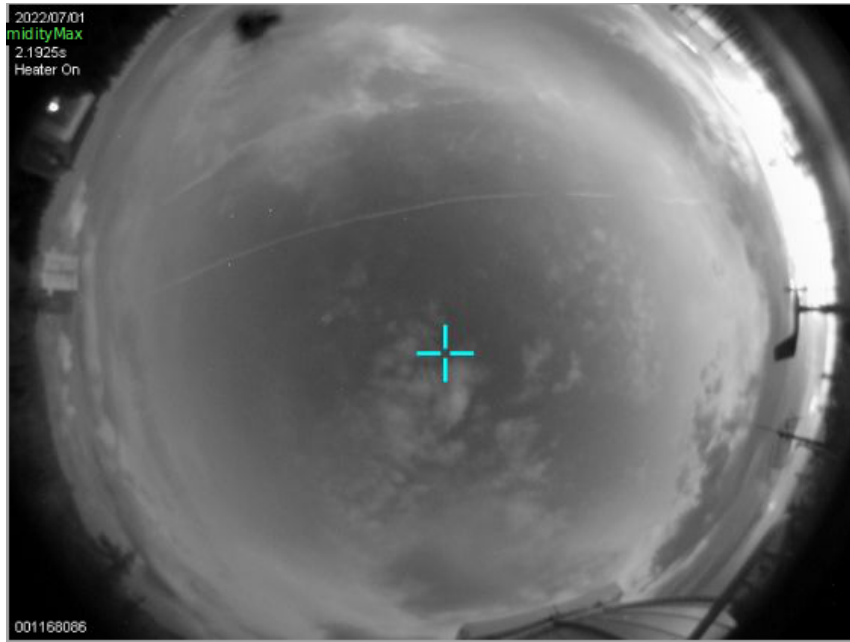
Overview (times are given in UT):

0:50 MODSs awake and simSnap taken. LUCI's setup and test darks taken. Verified field stop alignment on both LUCI's. Heavy cloud on the summit.

MODS1 IMCS lock issue. IRPOUT was reporting 0.0. Cycled the irlaser. Resolved.

1:40 David is prepping for his telescope checkout. Humidity is now at 100%, heavy clouds overhead.

3:18 Humidity has been bouncing between 95-100%. Heavy clouds wafting overhead. And a fly seems to like hanging out on the all sky.



4:08 Humidity is oscillating below between 82 and 93%, sitting at 87.5% at the moment. Fully overcast.

5:39 Humidity sitting at 92.8%, and heavy cloud cover overhead.

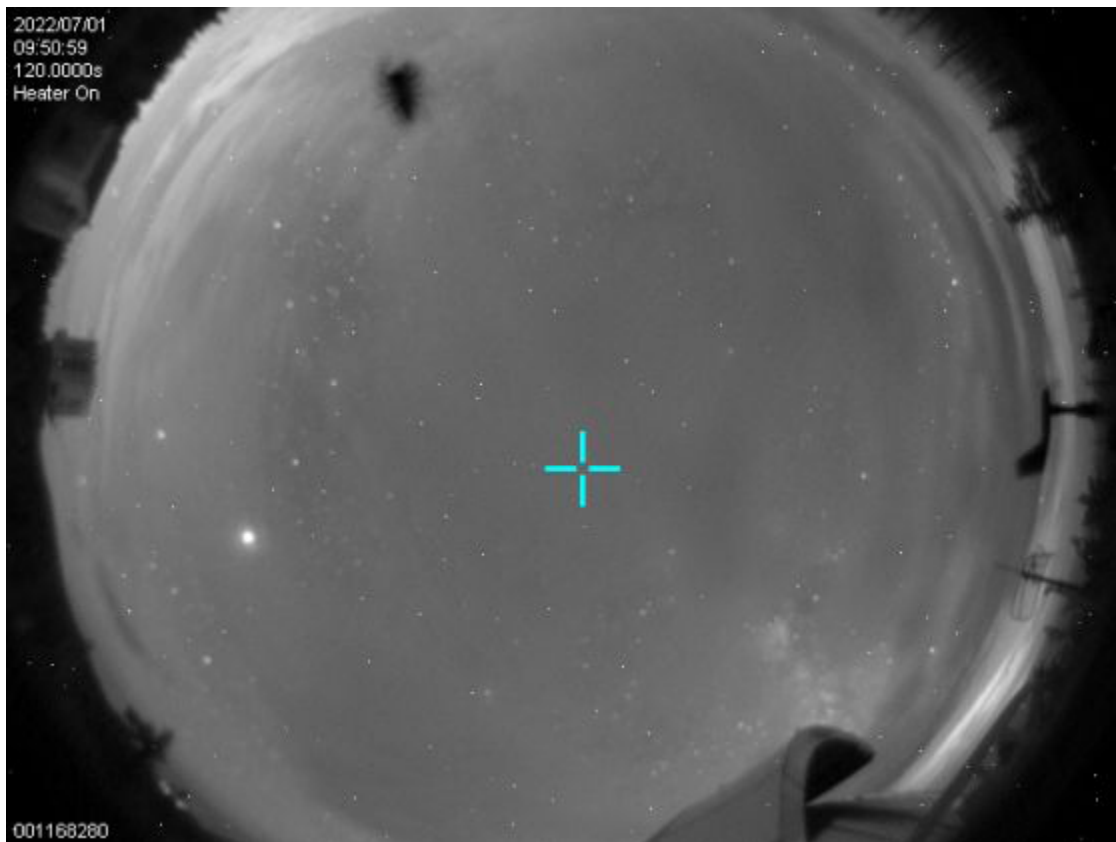
5:57 Bit of a sucker hole overhead with some thinner clouds. Humidity 92%.

6:30 Thin cirrus overhead with clouds all along the horizon. Humidity sitting at 98%.

8:30 We have decided to Reconfigure for LUCI1 to execute the UVir_nirjets_AO program should things dry out and we can open. I powered up the WFS, checked out OCAM. Contacted Juan Carlos to let him know that AO is on the table. Humidity still over the limits.

9:18 Some light clouds. Humidity 99.4%.

9:52 Humidity 100% and thicker clouds moving in.



We have insufficient time at this point for clouds to clear, humidity to drop and conditions to stabilize and open in time to execute the science program before twilight. We are calling it a night.