
Mauna Loa Solar Observatory Observer's Log

Fri Jan 30 17:20:34 GMT 2015

Year: 15 Doy: 030

Observer: berkey

WEATHER COMMENT: berkey: Fri Jan 30 17:20:35 GMT 2015

temp 38f, no wind, clear skies

____end____

KCOR COMMENT BY berkey: Fri Jan 30 17:20:47 GMT 2015

Another cold night kcor modulator temp currently at 33.3C (and rising)

____end____

Fri Jan 30 17:44:52 GMT 2015 COMP Start Patrol

Fri Jan 30 18:21:25 GMT 2015 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Jan 30 18:21:23 GMT 2015

the focus routine was having trouble communicating with the cameras properly. One of the camera outputs seemed a little low and restarting the routine would switch which camera was detected as A or B. Restarting the NEMA boxes and PC resolved the confusion.

____end____

Fri Jan 30 20:38:02 GMT 2015 KCOR End Patrol

Fri Jan 30 20:38:18 GMT 2015 COMP End Patrol

Fri Jan 30 20:40:26 GMT 2015 COMP Start Patrol

Fri Jan 30 20:58:28 GMT 2015 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Jan 30 22:03:28 GMT 2015

Forgot to reenable modulator heater on system restart this morning. Current temps down to 17.7C. Now renewable and quickly rising

____end____

Fri Jan 30 23:38:19 GMT 2015 COMP End Patrol

Fri Jan 30 23:38:19 GMT 2015 COMP Start Patrol

PSPT COMMENT BY berkey: Fri Jan 30 23:38:26 GMT 2015

Some pspt progress, I found an old backup disk from Pspt Mauna Loa :). Still dont know the root password, and there are some issues but we are booting.

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jan 30 23:39:23 GMT 2015

Clouds to the east

____end____

KCOR COMMENT BY berkey: Sat Jan 31 02:05:10 GMT 2015

Starting Kcor Dark test. Dark shutter will be put into the beam and data will be collected to see how kcor's dark values change as the cameras cool.

____end____

Sat Jan 31 02:05:58 GMT 2015 KCOR End Patrol

KCOR COMMENT BY berkey: Sat Jan 31 02:06:00 GMT 2015

Lens cover is also going in just since kcor will be put to bed after this test.

Interesting note, cameras are rather lagged to the point where I am not seeing the real time display go dark even with the Darkshutter and lens cover in the beam.

____end____

Sat Jan 31 02:08:48 GMT 2015 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 31 02:08:54 GMT 2015

Socket cam crashed.

____end____

KCOR COMMENT BY berkey: Sat Jan 31 02:09:50 GMT 2015

Restarted observing. Now realtime is dark. Unfortunately we lost the start of the camera's cooling. But maybe this test will be ok. (First image after restart 20150131_020935_kcor

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 31 02:44:02 GMT 2015

One of the shutter rollers on the main dome has lost its bearings and will need to be replaced. However we have no spares at the observatory. I will try to pick some up in town.

____end____