
Mauna Loa Solar Observatory Observer's Log

Mon Jun 29 17:11:37 GMT 2015
Year: 15 Doy: 180
Observer: berkey
WEATHER COMMENT: berkey: Mon Jun 29 17:14:32 GMT 2015
Temp: 49.2f, Humidity: 7%, Pressure: 28.731in, Wind: 4mph from the soutch, Skies: patchy cirrus covering the sky. Delaying start of observing until things clear.
___end___
KCOR COMMENT BY berkey: Mon Jun 29 17:48:53 GMT 2015
Changed the t/r cam focus values to NaN in the fits headers. Values were set to 0 after we pulled out the focus motors. Took 2 fits images with the dome closed and the values seem to get populated correctly.
___end___
Mon Jun 29 19:33:01 GMT 2015 COMP Start Patrol
Mon Jun 29 19:34:03 GMT 2015 KCOR Start Synoptic Patrol
Mon Jun 29 20:03:55 GMT 2015 KCOR End Patrol
Mon Jun 29 20:05:08 GMT 2015 KCOR Start Synoptic Patrol
Mon Jun 29 20:08:47 GMT 2015 KCOR End Patrol
Mon Jun 29 20:11:58 GMT 2015 COMP End Patrol
Mon Jun 29 20:16:12 GMT 2015 COMP Start Patrol
Mon Jun 29 20:19:49 GMT 2015 KCOR Start Synoptic Patrol
Mon Jun 29 21:01:05 GMT 2015 KCOR End Patrol
Mon Jun 29 21:01:16 GMT 2015 CoMP Paused for clouds
Mon Jun 29 21:10:36 GMT 2015 CoMP Restarted from pause
Mon Jun 29 21:11:41 GMT 2015 KCOR Start Synoptic Patrol
Mon Jun 29 21:17:38 GMT 2015 KCOR End Patrol
Mon Jun 29 21:18:03 GMT 2015 CoMP Paused for clouds
Mon Jun 29 21:19:20 GMT 2015 CoMP Restarted from pause
Mon Jun 29 21:21:02 GMT 2015 COMP End Patrol
GENERAL COMMENT BY berkey: Mon Jun 29 21:46:18 GMT 2015
Dome has been closed again. orthographic clouds have moved in and closed out the sky.
___end___
KCOR COMMENT BY berkey: Tue Jun 30 00:42:21 GMT 2015
Did some kcor focusing work with Alfred.

R-cam had a small focus shift
T-cam we did about 1 turn of tip in Y and then adjusted the overall focus its looking good now.
___end___
KCOR COMMENT BY berkey: Tue Jun 30 00:46:52 GMT 2015
Taking some distortion grid data with the following config:
Lamp in the beam
Diffuser in the beam
6msec exposure.
Data is
20150629 00:42:51-00:46:09
___end___
KCOR COMMENT BY berkey: Tue Jun 30 02:00:37 GMT 2015

Things have been reverted to the observing config.

Occulter reinstalled, distortion grid removed, and lamp removed.
___end___
GENERAL COMMENT BY berkey: Tue Jun 30 02:01:43 GMT 2015
The new glass nozzle of the air tool was broken this afternoon while trying to move the ladder. Do we have a spare nozzle?
___end___
PSPT COMMENT BY berkey: Tue Jun 30 02:15:00 GMT 2015
Did some poking around in the PSPT system.
Greg/Rob sent out some new fibers in case all of our spares on the mountain are bad. Testing with the new fibers I tried reading out the camera and got nothing. After this test I reverted back to the installed fiber since it already ran up the telescope safely instead of being draped across things.

Before getting to the fiber issue I noticed we were getting a bunch of errors on Sun that the sun machine could not see the xedar camera over serial. Looked like the JP61 cable had a few of its pins pulled back away from the connector including 4 and 5 which are associated with the xedar serial connector. After pushing these back into the connector I didnt get xedar errors. My guess is we have more of these issues, but these connectors are very very hard for me to work with, I have no idea how they were built and have a great deal of respect for whoever originally populated the 36+ pins. I have a hard enough time even seeing the conductors from the back of the connector it is a zoo and a mess. My guess is if/when we ever figure out the PSPT issues it will be in these multi pin cables.
___end___