
Mauna Loa Solar Observatory Observer's Log

Wed Apr 1 16:57:00 GMT 2015

Year: 15 Doy: 091

Observer: berkey

WEATHER COMMENT: berkey: Wed Apr 1 16:57:02 GMT 2015

temp 34f, wind 5mph from the south east, thin cirrus everywhere looks like we are in the inversion layer right now and in a vog layer. Not coronal skies.

____end____

Wed Apr 01 18:21:58 GMT 2015 COMP Start Patrol

KCOR COMMENT BY berkey: Wed Apr 1 18:31:24 GMT 2015

Pulled out the kcor occulter for Alfreds guider test.

____end____

KCOR COMMENT BY berkey: Wed Apr 1 18:33:30 GMT 2015

SGS signals look stable. Taking 30 seconds of .1ms streaming data. with ND in and occulter out. Data saved in 183415raw.

Taking data with .1ms exposure frames averaged over 3seconds. Starting at 18:37:38 ending 18:41:07

Taking data with .1ms exposure frames averaged over 15 starting at 18:42:59 to 19:01:59

Taking flat field with difuser in ND in normal observing mode. Starting 19:04:01 ->19:16:42

ending occulter out testing.

____end____

Wed Apr 01 19:58:02 GMT 2015 CoMP Paused for clouds

Wed Apr 01 20:08:05 GMT 2015 CoMP Restarted from pause

GENERAL OBSERVATORY COMMENT BY berkey: Wed Apr 1 20:08:07 GMT 2015

Still a bit of vog above the observatory but the cirrus has all burned off.

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Wed Apr 1 20:09:31 GMT 2015

adjusted dome to move lower shutter down.

____end____

KCOR COMMENT BY berkey: Wed Apr 1 20:09:52 GMT 2015

Re-installed occulter.

____end____

Wed Apr 01 20:16:44 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 20:49:26 GMT 2015 KCOR End Patrol

Wed Apr 01 20:49:26 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed Apr 01 21:06:39 GMT 2015 KCOR End Calibration Script

Wed Apr 01 21:06:56 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:06:56 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:08:43 GMT 2015 KCOR End Patrol

KCOR COMMENT BY berkey: Wed Apr 1 21:09:37 GMT 2015

For a test changing the trigger delay to 4ms seconds (from 2ms)

____end____

Wed Apr 01 21:12:39 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:18:49 GMT 2015 KCOR End Patrol

Wed Apr 01 21:18:50 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed Apr 01 21:30:32 GMT 2015 COMP End Patrol

Wed Apr 01 21:30:32 GMT 2015 COMP Start Patrol

Wed Apr 01 21:35:59 GMT 2015 KCOR End Calibration Script

Wed Apr 01 21:36:16 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:36:16 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:36:17 GMT 2015 KCOR End Patrol

Wed Apr 01 21:36:17 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed Apr 01 21:53:30 GMT 2015 KCOR End Calibration Script

Wed Apr 01 21:53:47 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:53:47 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:54:34 GMT 2015 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Apr 1 21:54:14 GMT 2015

Clouds showed up in the data just after the kcor calibration finished.

____end____

Wed Apr 01 21:55:43 GMT 2015 CoMP Paused for clouds

Wed Apr 01 23:17:55 GMT 2015 CoMP Restarted from pause

Wed Apr 01 23:17:55 GMT 2015 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Apr 1 23:22:19 GMT 2015

Long conversation with IG. We are not also socked in with clouds.

____end____

KCOR COMMENT BY berkey: Thu Apr 2 00:38:53 GMT 2015

I was doing some Camera Black Level offset checks. and I think the new values of Cam0:3460 Cam1:3338 may be better then the pervious values of Cam0:3410 and Cam1:3340

Some streaming data with dark shutter/ndfilter in the beam and the new dark levels apply is available for review in mlsoserver:/data/kcor/20150402-003550raw

For now I will revert the cameras to use the old values for the Black Levels and trigger delays back to 2ms.

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Thu Apr 2 02:21:30 GMT 2015

Fog has cleared up a little but still junky conditions.

____end____