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Mauna Loa Solar Observatory Observer's Log  
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Wed May 4 16:28:43 GMT 2016

Year: 16 Doy: 125

Observer: waters

WEATHER COMMENT: waters: Wed May 4 16:28:48 GMT 2016

Temp 48F with windspeed at about 9mph from the Southeast. Clear sky at present.

\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Wed May 4 16:29:46 GMT 2016

Kcor warmed up last night, was at 17C when we came in. Greg, Ben and I will be working on getting Comp reassembled this morning.

\_\_\_\_end\_\_\_\_

Wed May 04 21:07:50 GMT 2016 KCOR Start Synoptic Patrol

CoMP COMMENT BY waters: Wed May 4 21:15:36 GMT 2016

Got the Comp tube and front end on. Balanced the spar and the Comp camera is currently cooling.

\_\_\_\_end\_\_\_\_

Wed May 04 21:20:54 GMT 2016 KCOR End Patrol

Wed May 04 21:20:55 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed May 04 21:38:16 GMT 2016 KCOR End Calibration Script

Wed May 04 21:38:34 GMT 2016 KCOR Start Synoptic Patrol

Wed May 04 21:38:34 GMT 2016 KCOR Start Synoptic Patrol

Wed May 04 21:59:12 GMT 2016 SGS Alignment complete

Wed May 04 22:02:45 GMT 2016 KCOR End Patrol

KCOR COMMENT BY berkey: Wed May 04 22:04:36 GMT 2016

Taking streaming data for about 5 seconds 1msec exposure no optics in beam.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Wed May 04 22:06:35 GMT 2016

Taking streaming data for about 5 seconds 1msec exposure with diffuser in the beam.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Wed May 04 22:10:25 GMT 2016

No optics data is in 220504raw, diffuser in the beam data is in 220733raw. In mlsoserver:/data/tmp/kcor-cal-data

\_\_\_\_end\_\_\_\_

Wed May 04 22:14:15 GMT 2016 KCOR Start Synoptic Patrol

Wed May 04 22:27:12 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Wed May 4 22:27:18 GMT 2016

Wind is starting to gust up to 30mph, kcor idled and closing dome.

\_\_\_\_end\_\_\_\_

Wed May 04 23:02:37 GMT 2016 KCOR Start Synoptic Patrol

CoMP COMMENT BY waters: Wed May 4 23:02:03 GMT 2016

Ben and Greg put the occulter stage in. Testing the camera now.

\_\_\_\_end\_\_\_\_

Wed May 04 23:04:26 GMT 2016 SGS Alignment complete

Wed May 04 23:06:18 GMT 2016 KCOR End Patrol

Wed May 04 23:06:35 GMT 2016 KCOR Start Synoptic Patrol

Wed May 04 23:52:12 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu May 5 00:02:24 GMT 2016

Kcor idled for clouds and dome closed for fog close to the observatory.

\_\_\_\_end\_\_\_\_

Thu May 05 00:40:44 GMT 2016 KCOR Start Synoptic Patrol

Thu May 05 00:41:32 GMT 2016 SGS Alignment complete

CoMP COMMENT BY waters: Thu May 5 01:00:16 GMT 2016

Ben fired up the cleaning station and is currently cleaning the O1 for Comp.

\_\_\_\_end\_\_\_\_

CoMP COMMENT BY berkey: Thu May 05 02:01:26 GMT 2016

Ran CoMP software saw that all stages moved under computer control and feedback seems correct.

The observing code was edited to use the new opal motor. Focus has been demonstrated to work but not integrated into the observing code.

\_\_\_\_end\_\_\_\_

Thu May 05 02:09:20 GMT 2016 SGS Alignment complete

Thu May 05 02:23:38 GMT 2016 KCOR End Patrol

KCOR COMMENT BY berkey: Thu May 05 02:34:52 GMT 2016

Weird amount of the images today had lots of little bullet hole artifacts. This seems really odd since they wouldn't appear to streak in a frame but would be gone in the next. Is this a new feature ?

\_\_\_\_end\_\_\_\_