
Mauna Loa Solar Observatory Observer's Log

Wed Aug 5 16:57:53 GMT 2015

Year: 15 Doy: 217

Observer: waters

Wed Aug 05 17:02:55 GMT 2015 COMP Start Patrol on cookbook: comp.cbk

WEATHER COMMENT: waters: Wed Aug 5 16:57:58 GMT 2015

Temp 47F with windspeed at about 4mph from the East. Skies look clear and wonderful today!

____end____

Wed Aug 05 17:07:46 GMT 2015 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Wed Aug 05 17:18:54 GMT 2015

Changed our sending log and cme scripts to remove Rich and Leonard and added Michael Galloy.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Wed Aug 5 17:21:45 GMT 2015

Ben went down and unstowed GONG.

____end____

GENERAL COMMENT BY berkey: Wed Aug 05 17:27:05 GMT 2015

Added a new script called follow log which displays the tail of the current log, so entries can be tracked/displayed as they are created. (This was a derived feature request from Lisa).

____end____

Wed Aug 05 18:27:38 GMT 2015 KCOR End Patrol

Wed Aug 05 18:27:40 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed Aug 05 18:44:32 GMT 2015 KCOR End Calibration Script

Wed Aug 05 18:44:33 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

GENERAL COMMENT BY berkey: Wed Aug 05 19:00:01 GMT 2015

Clouds starting to get into the data. Last few images in the kcor calibration sequence are likely no good.

____end____

Wed Aug 05 19:01:11 GMT 2015 KCOR End Calibration Script

Wed Aug 05 19:01:12 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

KCOR COMMENT BY berkey: Wed Aug 05 19:04:34 GMT 2015

Accidentally clicked the calibration button twice when starting cal at 18:45. The second running of the cals was an accident so we killed the calibration sub-routine with the [x] button in the upper right and corner of the calibration vi; this returned control back to the main observing vi for potentially more science data. Potentially not ,clouds are close.

____end____

Wed Aug 05 19:04:47 GMT 2015 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Wed Aug 5 19:09:38 GMT 2015

Domes closed for approaching fog.

____end____

Wed Aug 05 19:27:30 GMT 2015 CoMP Restarted from pause

Wed Aug 05 19:27:30 GMT 2015 COMP End Patrol

KCOR COMMENT BY waters: Wed Aug 5 21:07:58 GMT 2015

Taking some junk dome data with the science tag on for a test.

____end____

Wed Aug 05 21:17:21 GMT 2015 KCOR End Patrol

Wed Aug 05 21:26:59 GMT 2015 KCOR Ending Patrol due to guiding error

Wed Aug 05 21:33:11 GMT 2015 KCOR Start Synoptic Patrol

Wed Aug 05 21:36:41 GMT 2015 KCOR Ending Patrol due to guiding error

Wed Aug 05 21:37:45 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 21:38:29 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 21:42:23 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 21:43:23 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 21:45:26 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 21:46:49 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 21:47:41 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 21:48:32 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 21:52:55 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 21:53:41 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 21:58:05 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 21:58:31 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 21:59:28 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:00:26 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:01:18 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:02:02 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:02:56 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:03:35 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:07:23 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:09:09 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:09:52 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:10:36 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:15:48 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:18:11 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:26:51 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:27:38 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:28:15 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:32:55 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:33:40 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:38:29 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:38:47 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:39:44 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:43:45 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:43:56 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:51:48 GMT 2015 KCOR Ending Patrol due to guiding error
Wed Aug 05 22:52:28 GMT 2015 KCOR Start Synoptic Patrol
Wed Aug 05 22:53:19 GMT 2015 KCOR Ending Patrol due to guiding error
KCOR COMMENT BY berkey: Wed Aug 05 23:57:30 GMT 2015

I changed the logic that kcor uses to close the ND filter if the guiding gets to far out of range. In the old system via synchronous calls the labview observing code would stop doing anything until the ND filter was in and then the observer acknowledged the popup window. socketcam not knowing labview was waiting on the pop up window would just keep taking images and shoving them at labview while they piled up. I believe (but have not tested to or looked closely) the triggers/modulation tread kept working so I don't think we have to worry about modulation errors for any of the data we took in the past.

The new code makes an asynchronous call to close the ND filter then makes an asynchronous call to a new sub vi that pops up the error message, and also writes a message in the day log. During this work I made a small change to the Get Dim, and Parse Socketcam filename code to push a Boolean back to main window which will turn on or off the science flag.

____end____

KCOR COMMENT BY berkey: Thu Aug 06 00:04:49 GMT 2015

Actually I wasn't properly setting the Science Data button to false.

I should have been using the invoke property node "value signal" which generates an event but I simply assigned the button to false. This has been corrected.

____end____

CoMP COMMENT BY berkey: Thu Aug 06 00:08:52 GMT 2015

Going to let Lisa play with the CoMP "menu" upgrade code to see if she can break it. CoMP data taken after this are of the inside of the dome, and will have the PROGRAM and MEASUREID keywords in the fits headers.

____end____

Thu Aug 06 00:12:23 GMT 2015 COMP Start Patrol on cookbook: waves-00001.cbk

Thu Aug 06 00:12:45 GMT 2015 COMP End Patrol

Thu Aug 06 00:12:45 GMT 2015 COMP Start Patrol on cookbook: synoptic-00001.cbk

Thu Aug 06 00:13:09 GMT 2015 COMP End Patrol

Thu Aug 06 00:17:28 GMT 2015 COMP Start Patrol on cookbook: cal_clear.cbk

Thu Aug 06 00:23:25 GMT 2015 COMP End Patrol

Thu Aug 06 00:23:25 GMT 2015 COMP Start Patrol on cookbook: cal_pol.cbk

Thu Aug 06 00:25:34 GMT 2015 COMP End Patrol

Thu Aug 06 00:25:35 GMT 2015 COMP Start Patrol on cookbook: cal_pol_ret.cbk

Thu Aug 06 00:34:28 GMT 2015 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Aug 6 00:35:54 GMT 2015

Reached me upper limit for my knee. Heading down now.

____end____

CoMP COMMENT BY berkey: Thu Aug 06 00:37:56 GMT 2015

Ending the CoMP demonstration. As a test case we talked about how we might run the a calibration polarization test with the new system.

____end____

GONG COMMENT BY berkey: Thu Aug 06 00:38:21 GMT 2015

Gong was covered a couple hours ago (about 1 hour after the Main dome was closed).

____end____

GENERAL COMMENT BY berkey: Thu Aug 06 00:39:46 GMT 2015

Another rainy day. I think the NOAA water tanks should be pretty full.

____end____