
Mauna Loa Solar Observatory Observer's Log

Mon Mar 6 16:58:13 GMT 2017

Year: 17 Doy: 065

Observer: waters

Mon Mar 06 17:13:09 GMT 2017 CoMP occulter has been re-centered

WEATHER COMMENT: waters: Mon Mar 6 17:16:04 GMT 2017

Temp 37F with windspeed at about 9-13mph from the Southwest. Clear sky with vog somewhere between 9,000-10,000ft.
____end____

Mon Mar 06 17:21:33 GMT 2017 CoMP occulter has been re-centered

Mon Mar 06 17:23:33 GMT 2017 CoMP occulter has been re-centered

Mon Mar 06 17:24:38 GMT 2017 CoMP occulter has been re-centered

Mon Mar 06 17:29:23 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Mar 06 17:29:37 GMT 2017 SGS Alignment complete

Mon Mar 06 17:34:52 GMT 2017 Kcor Focus/alignment program exited

Mon Mar 06 17:38:05 GMT 2017 SGS Alignment complete

Mon Mar 06 17:39:34 GMT 2017 COMP End Patrol

Mon Mar 06 17:41:11 GMT 2017 CoMP occulter has been re-centered

Mon Mar 06 17:41:23 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Mar 06 18:00:46 GMT 2017 Kcor Focus/alignment program exited

Mon Mar 06 18:04:30 GMT 2017 KCOR Start Synoptic Patrol

Mon Mar 06 18:24:44 GMT 2017 KCOR End Patrol

Mon Mar 06 18:25:23 GMT 2017 CoMP Paused for clouds

Mon Mar 06 18:25:41 GMT 2017 SGS Alignment complete

Mon Mar 06 18:25:44 GMT 2017 KCOR Start Synoptic Patrol

Mon Mar 06 18:25:47 GMT 2017 CoMP Restarted from pause

GENERAL OBSERVATORY COMMENT BY waters: Mon Mar 6 18:16:54 GMT 2017

Had a bit of trouble with Kcor this morning. The MC4U controller gui wasn't reading out the temp of Kcor and restarting it did not help. Restarted the computer. However, we then got a camera error. We restarted the computer but that did not help. We ended up restarting the nema box upstairs as well as the intelligent power controllers both downstairs and in the nema box upstairs. This got everything up and running again.

____end____

Mon Mar 06 18:54:47 GMT 2017 KCOR End Patrol

Mon Mar 06 18:54:51 GMT 2017 CoMP Paused for clouds

Mon Mar 06 18:55:33 GMT 2017 SGS Alignment complete

Mon Mar 06 18:55:35 GMT 2017 KCOR Start Synoptic Patrol

Mon Mar 06 18:55:38 GMT 2017 CoMP Restarted from pause

Mon Mar 06 19:12:52 GMT 2017 KCOR End Patrol

Mon Mar 06 19:12:53 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Mon Mar 06 19:28:12 GMT 2017 KCOR End Calibration Script

Mon Mar 06 19:28:30 GMT 2017 KCOR Start Synoptic Patrol

Mon Mar 06 19:28:30 GMT 2017 KCOR Start Synoptic Patrol

Mon Mar 06 19:33:29 GMT 2017 KCOR End Patrol

Mon Mar 06 19:33:35 GMT 2017 CoMP Paused for clouds

Mon Mar 06 19:34:10 GMT 2017 SGS Alignment complete

Mon Mar 06 19:34:11 GMT 2017 KCOR Start Synoptic Patrol

Mon Mar 06 19:34:18 GMT 2017 CoMP Restarted from pause

Mon Mar 06 20:25:47 GMT 2017 COMP End Patrol
Mon Mar 06 20:25:47 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk
Mon Mar 06 21:13:20 GMT 2017 KCOR End Patrol
Mon Mar 06 21:13:47 GMT 2017 CoMP Paused for clouds
Mon Mar 06 21:14:26 GMT 2017 SGS Alignment complete
Mon Mar 06 21:14:27 GMT 2017 KCOR Start Synoptic Patrol
Mon Mar 06 21:14:30 GMT 2017 CoMP Restarted from pause
Mon Mar 06 21:59:17 GMT 2017 COMP End Patrol
Mon Mar 06 21:59:18 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk
Mon Mar 06 22:01:00 GMT 2017 CoMP Paused for clouds
Mon Mar 06 22:01:03 GMT 2017 KCOR End Patrol
Mon Mar 06 22:02:17 GMT 2017 SGS Alignment complete
Mon Mar 06 22:02:19 GMT 2017 KCOR Start Synoptic Patrol
Mon Mar 06 22:02:23 GMT 2017 CoMP Restarted from pause
Mon Mar 06 22:02:23 GMT 2017 COMP End Patrol
Mon Mar 06 22:02:54 GMT 2017 CoMP occulter has been re-centered
Mon Mar 06 22:02:58 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk
Mon Mar 06 22:09:28 GMT 2017 KCOR End Patrol
Mon Mar 06 22:10:52 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Mon Mar 6 22:03:44 GMT 2017

Ben showed me how we lube the worm gear. Also got to see what he did when he rebuilt the O1 focus motor prox flag. We might work on the motor prox flag because when we checked it, the one that was installed was bent.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Mon Mar 6 22:16:13 GMT 2017

We had some students from Cornell stop by for a tour.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Mon Mar 6 22:27:06 GMT 2017

Currently going in and out of clouds at present. Instruments idled until they pass.

____end____

Mon Mar 06 22:41:24 GMT 2017 CoMP Restarted from pause
Mon Mar 06 22:42:20 GMT 2017 KCOR Start Synoptic Patrol
Mon Mar 06 22:43:58 GMT 2017 COMP End Patrol
Mon Mar 06 22:45:35 GMT 2017 SGS Alignment complete
Mon Mar 06 22:46:03 GMT 2017 CoMP occulter has been re-centered
Mon Mar 06 22:46:05 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

GENERAL OBSERVATORY COMMENT BY waters: Mon Mar 6 22:46:14 GMT 2017

Comp occulter adjusted

____end____

Mon Mar 06 22:49:20 GMT 2017 KCOR End Patrol

Mon Mar 06 22:50:03 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Mon Mar 6 22:50:07 GMT 2017

Clouds passing again.

____end____

Mon Mar 06 22:53:13 GMT 2017 CoMP Restarted from pause

Mon Mar 06 22:54:13 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Mon Mar 6 23:04:17 GMT 2017

Getting some gusty wind every now and again. Up to about 25mph from the West. Closing the dome for a little bit until it calms down.

____end____

Tue Mar 07 00:29:36 GMT 2017 Kcor Focus/alignment program exited
Tue Mar 07 00:42:50 GMT 2017 Kcor Focus/alignment program exited
Tue Mar 07 00:43:06 GMT 2017 Kcor Focus/alignment program exited
Tue Mar 07 00:43:15 GMT 2017 Kcor Focus/alignment program exited
Tue Mar 07 01:54:04 GMT 2017 Kcor Focus/alignment program exited
Tue Mar 07 01:57:22 GMT 2017 Kcor Focus/alignment program exited
Tue Mar 07 02:00:45 GMT 2017 Kcor Focus/alignment program exited
Tue Mar 07 02:12:01 GMT 2017 CoMP Restarted from pause
Tue Mar 07 02:12:01 GMT 2017 COMP End Patrol
Tue Mar 07 02:14:44 GMT 2017 CoMP occulter has been re-centered
Tue Mar 07 02:15:29 GMT 2017 Kcor Focus/alignment program exited
Tue Mar 07 02:19:45 GMT 2017 CoMP occulter has been re-centered
Tue Mar 07 02:20:13 GMT 2017 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Tue Mar 07 02:29:19 GMT 2017

Inspection of the new O1 focus limit switch flag installed Feb 24 found it had some mechanical issues due to the light weight sheet metal used in its construction. Flag has been removed pending construction of a more permanent limit flag. Hard limit stop has also been removed.

As a temporary solution a soft limit has been implemented in the focus VI which should prevent moves past the nominal end of travel. It is still possible to drive the O1 past the the limit with other vi/software but this should cover all normal operational moves of the focus motor.

____end____