
Mauna Loa Solar Observatory Observer's Log

Wed Nov 2 16:23:14 GMT 2016

Year: 16 Doy: 307

Observer: berkey

WEATHER COMMENT: berkey: Wed Nov 02 16:23:18 GMT 2016

Temp: 39.3f, Humidity: 9%, Pressure: 28.752in, Wind: 7mph from 148degs, Skies: clear

____end____

Wed Nov 02 17:27:47 GMT 2016 SGS Alignment complete

Wed Nov 02 17:27:56 GMT 2016 CoMP occulter has been re-centered

Wed Nov 02 17:34:38 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Wed Nov 02 17:36:22 GMT 2016 Kcor Focus/alignment program exited

Wed Nov 02 17:39:39 GMT 2016 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Wed Nov 02 17:51:03 GMT 2016

Kcor still has spots. The field lens will be pulled for cleaning.

____end____

Wed Nov 02 17:54:50 GMT 2016 KCOR End Patrol

Wed Nov 02 19:14:38 GMT 2016 COMP End Patrol

Wed Nov 02 19:25:30 GMT 2016 SGS Alignment complete

Wed Nov 02 19:25:42 GMT 2016 CoMP occulter has been re-centered

Wed Nov 02 19:25:44 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Wed Nov 02 19:26:55 GMT 2016 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Wed Nov 02 19:34:36 GMT 2016

Field Lens cleaned. This cleared up the artifacts in the inner field. I am a little worried about the general level of residue in the outer field. Right now I am not really sure how to completely clean it.

The planned future upgrade to the lens cell should help, may making it easier/safer to hold the lens during washing. But it seems like it would be nice if we could just take the lens and put it in some kind of bath overnight to clean/lift off any residue.

____end____

KCOR COMMENT BY berkey: Wed Nov 02 19:38:45 GMT 2016

The Kcor lens/occultor may not have gone into the telescope in the exact same orientation as it came out. Visual inspections suggested the cell/occultor were installed correctly. But during the sgs alignment I found there was a slightly bigger than expected misalignment to comp.

____end____

Wed Nov 02 19:38:55 GMT 2016 KCOR Start Synoptic Patrol

CME Alert BY berkey: Wed Nov 02 19:59:15 GMT 2016

Possible CME seen launching near PA:270 around 18:00UT

____end____

Wed Nov 02 22:05:59 GMT 2016 KCOR End Patrol

Wed Nov 02 22:06:29 GMT 2016 COMP End Patrol

Wed Nov 02 22:09:44 GMT 2016 SGS Alignment complete

Wed Nov 02 22:10:17 GMT 2016 CoMP occulter has been re-centered

Wed Nov 02 22:10:27 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Wed Nov 02 22:12:59 GMT 2016 Kcor Focus/alignment program exited

Wed Nov 02 22:16:09 GMT 2016 KCOR Start Synoptic Patrol

Thu Nov 03 00:02:35 GMT 2016 KCOR End Patrol

Thu Nov 03 00:02:36 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini
GENERAL COMMENT BY berkey: Thu Nov 03 00:03:17 GMT 2016
held off on kcor calibration to see how the activity on the west limb evolved but with no obvious activity running the cal
s now.

____end____

Thu Nov 03 00:19:51 GMT 2016 KCOR End Calibration Script
Thu Nov 03 00:20:08 GMT 2016 KCOR Start Synoptic Patrol
Thu Nov 03 00:20:08 GMT 2016 KCOR Start Synoptic Patrol
Thu Nov 03 00:49:39 GMT 2016 KCOR End Patrol
Thu Nov 03 00:50:03 GMT 2016 COMP End Patrol
GENERAL COMMENT BY berkey: Thu Nov 03 00:50:15 GMT 2016
Comp camera is warming up Stopping observations for cryo fills

____end____

Thu Nov 03 01:09:13 GMT 2016 KCOR Start Synoptic Patrol
Thu Nov 03 01:16:27 GMT 2016 CoMP occulter has been re-centered
Thu Nov 03 01:17:00 GMT 2016 CoMP occulter has been re-centered
Thu Nov 03 01:18:16 GMT 2016 CoMP occulter has been re-centered
Thu Nov 03 01:18:17 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
CoMP PROBLEM COMMENT BY berkey : Thu Nov 03 01:29:56 GMT 2016
Sounds like one of the board fans in the ESP3000 is going out again.

____end____

Thu Nov 03 03:22:44 GMT 2016 KCOR End Patrol
Thu Nov 03 03:23:14 GMT 2016 COMP End Patrol