
Mauna Loa Solar Observatory Observer's Log

Wed Sep 14 16:51:03 GMT 2016

Year: 16 Doy: 258

Observer: berkey

WEATHER COMMENT: berkey: Wed Sep 14 16:51:07 GMT 2016

Temp: 43.2f, Humidity: 81%, Pressure: 28.649in, Wind: 9mph from 265deg, Skies: clear
__end__

Wed Sep 14 17:14:59 GMT 2016 COMP Start Patrol on cookbook: HOP316.cbk

Wed Sep 14 17:24:04 GMT 2016 KCOR Start Synoptic Patrol

Wed Sep 14 18:03:54 GMT 2016 CoMP Paused for clouds

Wed Sep 14 18:04:00 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Wed Sep 14 18:04:55 GMT 2016

Clouds coming over the mountain from the SW. Pausing instruments
__end__

Wed Sep 14 18:19:04 GMT 2016 CoMP Restarted from pause

Wed Sep 14 18:26:37 GMT 2016 CoMP Paused for clouds

Wed Sep 14 18:30:03 GMT 2016 CoMP Restarted from pause

Wed Sep 14 18:41:47 GMT 2016 CoMP Paused for clouds

GENERAL COMMENT BY berkey: Wed Sep 14 18:53:10 GMT 2016

Closing the dome for now
__end__

GENERAL COMMENT BY berkey: Thu Sep 15 00:08:11 GMT 2016

Hail, rain, fog, thunder blue skies all things happening at MLO right now. What fun.
__end__

Thu Sep 15 01:19:58 GMT 2016 CoMP Restarted from pause

Thu Sep 15 01:19:58 GMT 2016 COMP End Patrol

GENERAL COMMENT BY berkey: Thu Sep 15 02:55:41 GMT 2016

More power blips.
__end__

GENERAL OBSERVATORY COMMENT BY berkey: Thu Sep 15 05:01:17 GMT 2016

Forgot to log the Major task for this afternoon.

Kcor and Comp occulting disks were swapped for the Fall.

Kcor now has the 1009.6 disk installed. Comp is now using #31. For CoMP I changed the text value and saved the default (so this should be robust with reboots). And the hwConfig.txt file in Kcor has been updated to reflect the bigger disk.

While swapping the disks I took apart the Kcor field lens mount to try and check for pinched Orings or any other sort of misalignment. Near as I can tell it was Ok before the work and remains Ok. But it may be interesting to build some sort of alignment target for the field lens assembly to check it out on the bench. Perhaps this is as simple as a sheet of paper/plastic with alignment marks and annulus the side of of the occulter post that can be placed on the mount to give a better reference to check the alignment.

For a better target we may require a 3d structure that rises to meet the top of the occulter post to better check centering.

__end__