
Mauna Loa Solar Observatory Observer's Log

Mon Mar 21 17:02:12 GMT 2016

Year: 16 Doy: 081

Observer: berkey

WEATHER COMMENT: berkey: Mon Mar 21 17:03:01 GMT 2016

Temp: 43.8f, Humidity: 5%, Pressure: 28.68in, Wind: 6mph from north, Skies: mostly clear with some small patches of cirrus

____end____

Mon Mar 21 17:18:36 GMT 2016 SGS Alignment complete

Mon Mar 21 17:29:48 GMT 2016 KCOR Start Synoptic Patrol

Mon Mar 21 18:35:16 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Mar 21 18:52:08 GMT 2016

Electrical contractors on site to do cable trays lighting and power plugs.

____end____

Mon Mar 21 19:06:40 GMT 2016 KCOR Start Synoptic Patrol

Mon Mar 21 20:29:38 GMT 2016 SGS Alignment complete

Mon Mar 21 20:43:03 GMT 2016 KCOR Start Synoptic Patrol

Mon Mar 21 20:45:29 GMT 2016 KCOR End Patrol

Mon Mar 21 20:45:30 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

KCOR COMMENT BY berkey: Mon Mar 21 20:52:09 GMT 2016

Joan reported seeing some shadowing in the flat field images starting in January 28th.

In a beam inspection I found that the top shutter melted (must have got full disk light on the shutter when SGS failed). The melted shutter appears to have remained intact to shield the lower shutter from damage. However the melted plastic expanded vertically such that the shutter blades could no longer move completely out of the beam.

I have removed the excess plastic which allows both shutters to completely move out of the beam. However the top shutter now has a 1/2" hole just slightly east of center.

____end____

Mon Mar 21 21:02:51 GMT 2016 KCOR End Calibration Script

Mon Mar 21 21:03:08 GMT 2016 KCOR Start Synoptic Patrol

Mon Mar 21 21:03:09 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Mon Mar 21 21:28:39 GMT 2016

A lot of small bugs are blowing around the mountain and into the dome today.

____end____

Mon Mar 21 23:39:47 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Mar 21 23:39:48 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Mar 21 23:47:28 GMT 2016

Stopping kcor for clouds

____end____