
Mauna Loa Solar Observatory Observer's Log

Fri Jun 3 16:28:19 GMT 2016

Year: 16 Doy: 155

Observer: berkey

WEATHER COMMENT: berkey: Fri Jun 03 16:28:38 GMT 2016

Temp: 45.8f, Humidity: 87%, Pressure: 28.745in, Wind: 10mph from 5degs, Skies: clear above hazy near the horizon.

____end____

Fri Jun 03 16:43:28 GMT 2016 COMP Start Patrol on cookbook: synoptic-00002.cbk

Fri Jun 03 16:52:25 GMT 2016 COMP End Patrol

Fri Jun 03 16:52:32 GMT 2016 COMP Start Patrol on cookbook: synoptic-00003.cbk

COMP COMMENT BY berkey: Fri Jun 03 16:53:53 GMT 2016

Changed the COMP menu to point at a new cookbook, synoptic 3. This new synoptic cookbook does a 17 wavelength 1083 QUV 50 ms measurement right after the normal 5 wavelength 1083 QUV measurement.

____end____

Fri Jun 03 16:54:42 GMT 2016 KCOR Start Synoptic Patrol

Fri Jun 03 19:28:13 GMT 2016 SGS Alignment complete

Fri Jun 03 19:38:38 GMT 2016 COMP End Patrol

Fri Jun 03 19:38:39 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

Fri Jun 03 20:01:14 GMT 2016 KCOR End Patrol

Fri Jun 03 20:01:15 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Fri Jun 03 20:18:26 GMT 2016 KCOR End Calibration Script

Fri Jun 03 20:18:43 GMT 2016 KCOR Start Synoptic Patrol

Fri Jun 03 20:18:44 GMT 2016 KCOR Start Synoptic Patrol

Fri Jun 03 20:57:14 GMT 2016 KCOR End Patrol

Fri Jun 03 21:06:33 GMT 2016 COMP Paused for clouds

Fri Jun 03 21:22:30 GMT 2016 COMP Restarted from pause

Fri Jun 03 21:24:03 GMT 2016 COMP Paused for clouds

Fri Jun 03 21:46:43 GMT 2016 COMP Restarted from pause

Fri Jun 03 21:46:43 GMT 2016 COMP End Patrol

Sat Jun 04 01:31:41 GMT 2016 SGS Alignment complete

KCOR COMMENT BY berkey: Sat Jun 04 01:33:00 GMT 2016

Kcor O1 washed.

____end____

GENERAL COMMENT BY berkey: Sat Jun 04 01:33:15 GMT 2016

Shutter track lubed.

____end____

KCOR COMMENT BY berkey: Sat Jun 04 02:19:11 GMT 2016

I think I did a better job cleaning the kcor O1 this time (vs previous attempts). DI water +alconox seems to leave less residue and sheet off the lens better than distilled water. But I am still having a lighting issue. I find a good way to illuminate the lens to see small junk or residue while I am cleaning things. I think the problem is the room is too bright (I attempted to block many of the windows around the cleaning station but perhaps need to find better curtains/cardboard next time) and my light sources are too dim and wide. So far the easiest way I have found to see cleaning problems is to look down (or up the tube) while sunlight is illuminating the lens, and I haven't been able to replicate that at the cleaning station.

____end____