
Mauna Loa Solar Observatory Observer's Log

Mon Apr 14 16:23:43 GMT 2014

Year: 14 Doy: 104

Observer: berkey

WEATHER COMMENT: berkey: Mon Apr 14 16:23:45 GMT 2014

temp 34f, wind 20mph from SE, clear skies with some haze up to the level of the observatory looks like a very weak inversion layer today.

____end____

Mon Apr 14 16:45:56 GMT 2014: PSPT Start Patrol

KCOR COMMENT BY berkey: Mon Apr 14 17:06:33 GMT 2014

Kcor looks very washed out, I am not sure if this is just the haze level or something in the instrument. Seems odd because CoMP looks normal.

____end____

KCOR COMMENT BY berkey: Mon Apr 14 17:25:26 GMT 2014

Following up on the last comment, the sky is VERY bright right now with a lot of haze up here. The engineering data plots show some low corona, but I am not clicking the science button due to the high background.

____end____

CoMP COMMENT BY berkey: Mon Apr 14 18:10:02 GMT 2014

Pulled CoMP O1 for cleaning.

____end____

CoMP COMMENT BY berkey: Mon Apr 14 18:45:48 GMT 2014

O1 reinstalled, looks cleaner now but not perfectly clean. A lot of dust got deposited between cleaning and install.

____end____

Mon Apr 14 19:20:12 GMT 2014: PSPT Start Patrol

Mon Apr 14 20:09:04 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Mon Apr 14 20:09:33 GMT 2014

Kcor o1 cleaned, looks better than CoMP

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Mon Apr 14 20:09:48 GMT 2014

Lower shutter moved down. There is a lot of wind shake on the spar.

____end____

Mon Apr 14 20:59:46 GMT 2014 KCOR End Patrol

Mon Apr 14 21:00:30 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Mon Apr 14 21:02:52 GMT 2014

Trying a couple things to get the MC4u controller vi to read the modulator temperature. Looks like it has started returning E123\n instead of the temperature the first time you ask it but the temperature the second or third time it is asked. A little loop has been added to ask a couple of times hopefully getting an answer before moving on.

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Mon Apr 14 21:31:50 GMT 2014

Winds increasing sustained at 25 with gusts to 35+ from the ENE

____end____

Mon Apr 14 21:48:31 GMT 2014 KCOR End Patrol

Mon Apr 14 21:48:31 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Mon Apr 14 22:04:16 GMT 2014 KCOR End Calibration Script

Mon Apr 14 22:04:32 GMT 2014 KCOR Start Synoptic Patrol

Mon Apr 14 22:04:33 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Mon Apr 14 23:54:03 GMT 2014

Looks like the southern artifact associated with the shutter/bandpass filter tilt is back again. Was the O1 installed incorrectly?

____end____

Tue Apr 15 00:20:40 GMT 2014 KCOR End Patrol

Tue Apr 15 00:22:12 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Tue Apr 15 00:22:24 GMT 2014

Re-aligned comp

____end____

Tue Apr 15 00:45:50 GMT 2014 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Tue Apr 15 00:48:37 GMT 2014

Re-aligned SGS again; this time I dialed out a drift between Kcor and CoMP, previous alignments CoMP occulter wasn't moved

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____end____

Tue Apr 15 00:51:57 GMT 2014 KCOR Start Synoptic Patrol

Tue Apr 15 02:32:02 GMT 2014: PSPT Abort Patrol

Tue Apr 15 02:32:08 GMT 2014 KCOR End Patrol

Tue Apr 15 02:32:06 GMT 2014: PSPT Abort Patrol

KCOR COMMENT BY berkey: Tue Apr 15 02:51:23 GMT 2014

Checked the seating of the O1 housing, looks good against the rest of the instrument.

____end____