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Mauna Loa Solar Observatory Observer's Log  
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Wed Jul 23 16:40:56 GMT 2014

Year: 14 Doy: 204

Observer: berkey

WEATHER COMMENT: berkey: Wed Jul 23 16:40:59 GMT 2014

temp 47f, wind 8mph from the south, skies mostly clear with some patchy cirrus

\_\_\_\_end\_\_\_\_

Wed Jul 23 16:53:41 GMT 2014 COMP Start Patrol

Wed Jul 23 16:56:24 GMT 2014 COMP End Patrol

Wed Jul 23 16:57:45 GMT 2014 COMP Start Patrol

Wed Jul 23 17:20:20 GMT 2014 KCOR Start Synoptic Patrol

Wed Jul 23 17:22:52 GMT 2014 COMP Start Patrol

Wed Jul 23 17:33:14 GMT 2014: PSPT Start Patrol

CoMP COMMENT BY berkey: Wed Jul 23 17:33:20 GMT 2014

Forgot to recorded it Monday (But its o.k. as we haven't taken any data yet). The CoMP waves recipe 1074\_QU\_3\_250ms\_2beam was changed to get a diffent order of wavelenghts into the fits file.

\_\_\_\_end\_\_\_\_

Wed Jul 23 17:46:47 GMT 2014 KCOR End Patrol

Wed Jul 23 17:53:40 GMT 2014 KCOR Start Synoptic Patrol

Wed Jul 23 18:06:23 GMT 2014 KCOR End Patrol

Wed Jul 23 18:30:40 GMT 2014 KCOR Start Synoptic Patrol

Wed Jul 23 18:36:01 GMT 2014: PSPT Start Patrol

Wed Jul 23 18:36:17 GMT 2014 KCOR End Patrol

Wed Jul 23 18:36:17 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Wed Jul 23 18:52:20 GMT 2014 KCOR End Calibration Script

Wed Jul 23 18:52:36 GMT 2014 KCOR Start Synoptic Patrol

Wed Jul 23 18:52:36 GMT 2014 KCOR Start Synoptic Patrol

Wed Jul 23 20:20:33 GMT 2014 KCOR End Patrol

Wed Jul 23 20:20:51 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 23 20:26:52 GMT 2014

Adjusted shutter.

\_\_\_\_end\_\_\_\_

Wed Jul 23 20:29:36 GMT 2014 COMP Start Patrol

Wed Jul 23 20:32:23 GMT 2014 KCOR Start Synoptic Patrol

Wed Jul 23 22:23:51 GMT 2014 COMP End Patrol

CoMP COMMENT BY berkey: Wed Jul 23 22:24:31 GMT 2014

Updaing waves recpie to be even better.

\_\_\_\_end\_\_\_\_

Wed Jul 23 22:25:31 GMT 2014 COMP Start Patrol

CoMP COMMENT BY berkey: Wed Jul 23 22:26:04 GMT 2014

Mondays change make the waves go faster. Todays is a tweak to ramp up then ramp down in wavelenghts (blue center red, red center blue). To avoid possible crosstalk between observations.

\_\_\_\_end\_\_\_\_

Wed Jul 23 22:28:22 GMT 2014: PSPT Start Patrol

Wed Jul 23 22:43:02 GMT 2014: PSPT Start Patrol

Wed Jul 23 23:38:02 GMT 2014: PSPT Start Patrol

PSPT COMMENT BY berkey: Wed Jul 23 23:44:25 GMT 2014

Pspt crashed, with a serial read error on the dos machine about 1/2 an hour ago. Finally got it running after rebooting both sun and PC side. Things seem to be humming along now.

\_\_\_\_end\_\_\_\_

\*\*COMP PROBLEM COMMENT BY berkey \*\*: Thu Jul 24 00:26:25 GMT 2014

Comp got a serial read error for the D3040.

\_\_\_\_end\_\_\_\_

Thu Jul 24 01:23:56 GMT 2014 KCOR End Patrol

Thu Jul 24 01:23:51 GMT 2014 COMP End Patrol

Thu Jul 24 01:26:59 GMT 2014 COMP Start Patrol

Thu Jul 24 01:29:46 GMT 2014 KCOR Start Synoptic Patrol

Thu Jul 24 02:30:39 GMT 2014 KCOR End Patrol

KCOR COMMENT BY berkey: Thu Jul 24 02:30:25 GMT 2014

Tried to blow off the field lens to get rid of the large artifact in west of the image just under 1 solar radii out. I didnt see any big feature on the lens but I did see a couple smaller dust specs that I was able to blow away.

\_\_\_\_end\_\_\_\_

Thu Jul 24 02:37:28 GMT 2014 KCOR Start Synoptic Patrol

Thu Jul 24 02:39:20 GMT 2014 KCOR End Patrol

Thu Jul 24 02:44:58 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Thu Jul 24 02:45:58 GMT 2014

Blowing off the field lens didnt work. Perhaps these are blobs on the O1.

\_\_\_\_end\_\_\_\_

Thu Jul 24 02:51:36 GMT 2014 COMP End Patrol

COMP COMMENT BY berkey: Thu Jul 24 02:49:18 GMT 2014

Comp lost communication with the D3040 again. Seems like observing program just keeps chugging along after the error is acknowledged. But I just noticed the meadowlark leds are not blinking (first time I specifically looked today). So we may not have wavelength/polarization changes in some/all of todays data. Restarting comp VI.

\_\_\_\_end\_\_\_\_

Thu Jul 24 02:52:35 GMT 2014 COMP Start Patrol

Thu Jul 24 02:57:55 GMT 2014 COMP End Patrol

Thu Jul 24 03:04:41 GMT 2014 COMP Start Patrol

COMP COMMENT BY berkey: Thu Jul 24 03:05:18 GMT 2014

Had to reboot to get the blinky lights back. Not sure what caused the communication to fail.

\_\_\_\_end\_\_\_\_

Thu Jul 24 03:45:01 GMT 2014 KCOR End Patrol

Thu Jul 24 03:45:21 GMT 2014 COMP End Patrol

Thu Jul 24 04:01:36 GMT 2014: PSPT Abort Patrol

Thu Jul 24 04:01:47 GMT 2014: PSPT Abort Patrol

KCOR COMMENT BY berkey: Thu Jul 24 04:06:21 GMT 2014

Pulled Kcor O1 found a few bigger peices of dust on the front side ofthe O1 that seem like they could be located in regions that seem consistant with the bullethole artifacts we saw in the data today. Both surfaces were blown off with the air.

Hopefully we dont see the artifacts tomorrow.

\_\_\_\_end\_\_\_\_