

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Mon May 5 16:20:53 GMT 2014

Year: 14 Doy: 125

Observer: berkey

WEATHER COMMENT: berkey: Mon May 5 16:20:55 GMT 2014

temp 42f, no wind, patchy cirrus

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

Mon May 5 16:42:33 GMT 2014: PSPT Start Patrol

Mon May 05 16:42:46 GMT 2014 COMP Start Patrol

Mon May 05 17:02:19 GMT 2014 COMP End Patrol

Mon May 05 17:08:55 GMT 2014 COMP Start Patrol

Mon May 05 17:13:08 GMT 2014 COMP End Patrol

COMP COMMENT BY berkey: Mon May 5 17:59:43 GMT 2014

Looks like the routine to read the cropico temperatures was tuned off. With this off all instrument temps other than rockwell and ilx would have been constant. I have turned this back on so going forward the fits files should see changes in LCV R, BODY, BASE, RACK and Optical rail temperatures.

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

Mon May 05 18:16:54 GMT 2014 COMP Start Patrol

COMP COMMENT BY berkey: Mon May 5 18:19:49 GMT 2014

Testing writing temp to fits .

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

Mon May 05 18:20:20 GMT 2014 COMP End Patrol

Mon May 05 18:24:22 GMT 2014 COMP Start Patrol

Mon May 05 18:27:44 GMT 2014 COMP End Patrol

COMP COMMENT BY berkey: Mon May 5 19:10:16 GMT 2014

Looks like the cropico isn't responding via serial. More troubleshooting to figure out why.

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

Mon May 05 19:17:32 GMT 2014 COMP Start Patrol

COMP COMMENT BY berkey: Mon May 5 19:17:39 GMT 2014

Sky seems clear enough for a meadowlark test. Right now I think the two D3040s are in the proper order. With the Polarization (two output) unit addressed as the first unit, and the Wavelength (four output) unit addressed as the second.

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

COMP COMMENT BY berkey: Mon May 5 19:28:52 GMT 2014

We have corona.

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

Mon May 05 19:29:17 GMT 2014 COMP End Patrol

Mon May 05 19:30:07 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Mon May 5 19:29:30 GMT 2014

SGS alignment

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

COMP COMMENT BY berkey: Mon May 5 19:30:59 GMT 2014

Trying a test to swap the address of the two meadowlarks to ensure this kills the corona.

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

Mon May 05 19:34:17 GMT 2014 COMP Start Patrol

Mon May 05 19:42:19 GMT 2014 COMP End Patrol

COMP COMMENT BY berkey: Mon May 5 19:42:49 GMT 2014

No corona seen with the addresses were swapped.  
Restoring the addresses to the proper order.

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

Mon May 05 19:45:43 GMT 2014 COMP Start Patrol  
Mon May 05 19:53:26 GMT 2014 KCOR End Patrol  
Mon May 05 19:53:46 GMT 2014 COMP End Patrol  
Mon May 05 19:58:36 GMT 2014 KCOR Start Synoptic Patrol  
GENERAL OBSERVATORY COMMENT BY berkey: Mon May 5 19:58:47 GMT 2014  
Dome shutter reconfigured.

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

Mon May 05 19:59:13 GMT 2014 COMP Start Patrol  
Mon May 05 20:10:39 GMT 2014 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY berkey: Mon May 5 20:13:39 GMT 2014  
Haze is increasing.

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

Mon May 05 20:16:00 GMT 2014 KCOR Start Synoptic Patrol  
Mon May 05 21:17:47 GMT 2014 COMP End Patrol  
Mon May 05 21:18:00 GMT 2014 KCOR End Patrol  
Mon May 5 23:13:00 GMT 2014: PSPT Start Patrol  
Mon May 5 23:42:00 GMT 2014: PSPT Start Patrol  
Tue May 6 00:36:26 GMT 2014: PSPT Abort Patrol  
Tue May 6 00:36:30 GMT 2014: PSPT Abort Patrol

CoMP COMMENT BY berkey: Tue May 6 02:08:05 GMT 2014

We are still not getting tempature updates from the Cropico. I think the issue is serial related but I am out of ideas as to what to try next.

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

CoMP COMMENT BY berkey: Tue May 6 02:13:46 GMT 2014

Looks like the way to deal with miss-addressed meadowlark d3040s is to shutdown the comp.vi then power cycle the lower D3040. By forcing the bottom D3040 to be the last started in windows, the D3040's will be seen in the order we want by comp.vi

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