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Mauna Loa Solar Observatory Observer's Log  
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Thu Nov 15 17:42:15 GMT 2018

Year: 18 Doy: 319

Observer: berkey

WEATHER COMMENT: berkey: Thu Nov 15 17:45:13 GMT 2018

Temp: 43.2f, Humidity: 8%, Pressure: 28.7in, Wind: 4mph from 225degs, Skies: patchy cirrus overcast

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

Thu Nov 15 18:28:01 GMT 2018 SGS Alignment complete

Thu Nov 15 18:28:51 GMT 2018 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Thu Nov 15 18:29:02 GMT 2018

PM Blew off Kcor O1

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

GENERAL COMMENT BY berkey: Thu Nov 15 18:29:11 GMT 2018

Windows opened up stairs

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

GENERAL COMMENT BY berkey: Thu Nov 15 21:17:29 GMT 2018

lost guiding due to a spar imbalance.

Looks like front is too heavy in this winter orientation.

added some temp mass to the aft-end as a temp fix.

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

Thu Nov 15 22:04:57 GMT 2018 SGS Alignment complete

Thu Nov 15 22:05:00 GMT 2018 KCOR Start Synoptic Patrol

Thu Nov 15 22:46:00 GMT 2018 KCOR End Patrol

Thu Nov 15 22:53:17 GMT 2018 Kcor Focus/alignment program exited

Thu Nov 15 23:16:40 GMT 2018 KCOR Start Synoptic Patrol

**\*\*KCOR PROBLEM COMMENT BY berkey\*\*** : Thu Nov 15 23:35:28 GMT 2018

I failed to realize (but I should have based on the lack of ngrf images) this this morning but kcor got a bad mount to kod iak so files were not copied over in real time.

Trying to catch up now.

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

Thu Nov 15 23:38:22 GMT 2018 KCOR End Patrol

Thu Nov 15 23:48:32 GMT 2018 KCOR Start Synoptic Patrol

Fri Nov 16 00:13:52 GMT 2018 KCOR End Patrol

Fri Nov 16 00:22:30 GMT 2018 KCOR Start Synoptic Patrol

Fri Nov 16 00:28:14 GMT 2018 KCOR End Patrol

Fri Nov 16 00:59:46 GMT 2018 KCOR Start Synoptic Patrol

Fri Nov 16 01:15:03 GMT 2018 KCOR End Patrol

GENERAL COMMENT BY berkey: Fri Nov 16 01:59:40 GMT 2018

Some changes to the aft-end weight distribution to handle the imbalance we found this morning.

5 pounds were added to the back and the existing aft-end weights were moved backward about 5 inches. Seems to balance now.  
. Not sure why we were out of balance.

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

Fri Nov 16 02:07:17 GMT 2018 SGS Alignment complete  
GENERAL COMMENT BY berkey: Fri Nov 16 02:29:10 GMT 2018  
Werid day.

In and out of cirrus all day.

I also assume they kcor pipeline may be fairly unhappy today because data was not copied to kodiak in the proper order and I forgot to take a calibration sequence.

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

ONSITE STAFF: berkey