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Mauna Loa Solar Observatory Observer's Log  
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Mon Oct 31 16:52:01 GMT 2016

Year: 16 Doy: 305

Observer: berkey

WEATHER COMMENT: berkey: Mon Oct 31 16:52:08 GMT 2016

Temp: 41.3f, Humidity: 70%, Pressure: 28.772in, Wind: 17mph from 146degs, Skies:Cloudy/blowing fog

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

Mon Oct 31 18:08:24 GMT 2016 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Tue Nov 01 00:24:08 GMT 2016

Bright spots were easily seen detected in the last 2 days data. Which seem like they would likely be from either the O1 or field lens both of which were removed since Wednesday when we last had good data.

Visual inspection of both lenses didnt produce an obvious culprit. So the O1 was removed for a complete cleaning. The field lens was also removed from the instrument and spot cleaning of a few dusty areas was attempted without removing the lens from its mount. This cleaning appeared to have some success however there is some hazy residue on the field lens that may benefit from a full cleaning (lens removed from its mount) at a later date.

I am still a bit perplexed at the origin of the bright spots as they appear different from most of the kcor artifacts we have seen over the mission and don't seem to have an obvious source on the lenses. It will be interesting to see if the spots go away over the coming days when the skies finally clear up.

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