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Mauna Loa Solar Observatory Observer's Log  
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Mon Dec 3 17:40:32 GMT 2018

Year: 18 Doy: 337

Observer: berkey

WEATHER COMMENT: berkey: Mon Dec 03 17:43:29 GMT 2018

Temp: 42.6f, Humidity: 10%, Pressure: 28.769in, Wind: 5mph from 142degs, Skies: clear

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

Mon Dec 03 17:49:18 GMT 2018 SGS Alignment complete

Mon Dec 03 17:55:26 GMT 2018 KCOR Start Synoptic Patrol

Mon Dec 03 18:31:36 GMT 2018 KCOR End Patrol

Mon Dec 03 18:31:38 GMT 2018 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

GENERAL COMMENT BY berkey: Mon Dec 03 18:34:33 GMT 2018

Looks like shabar computer wasn't seeing the sensors this morning. (this may have been related to teh crash seen yesterday.) Pulling out and reseating the USB cable on the left side of the laptop seemed to solve this issue.

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

Mon Dec 03 18:46:49 GMT 2018 KCOR End Calibration Script

Mon Dec 03 18:47:06 GMT 2018 KCOR Start Synoptic Patrol

Mon Dec 03 18:47:07 GMT 2018 KCOR Start Synoptic Patrol

Mon Dec 03 18:47:08 GMT 2018 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Dec 03 18:55:24 GMT 2018

Seeing looks pretty good this morning ~.5-1.3 arcseconds I think this variation is mostly related to aerosols, not atmospheric seeing (but not very sure).

Because things are looking pretty good we took a few sets of Kcor streaming data.

Data were taken at 2.5ms exposure time.

Sets are called:

184832raw

184950raw

185107raw

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

Mon Dec 03 18:56:14 GMT 2018 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Dec 03 18:57:00 GMT 2018 KCOR ABORT Calibration Script

GENERAL COMMENT BY berkey: Mon Dec 03 18:57:07 GMT 2018

"Fat finger" bumped the calibration button when I meant to click the science button. Second calibration canceled.

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

Mon Dec 03 18:57:27 GMT 2018 KCOR Start Synoptic Patrol

Mon Dec 03 21:43:06 GMT 2018 KCOR End Patrol

Mon Dec 03 21:44:10 GMT 2018 SGS Alignment complete

Mon Dec 03 21:44:12 GMT 2018 KCOR Start Synoptic Patrol

Mon Dec 03 22:45:12 GMT 2018 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Dec 03 22:52:36 GMT 2018

Dome closed for clouds

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

GENERAL COMMENT BY berkey: Tue Dec 04 03:16:33 GMT 2018

Pulled kcor data raid data disk #6, started volume rebuild. Currently at 32%, and it is looking like it will be 4 more hours until that finishes.

Heading down will monitor from sea level.

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

GENERAL COMMENT BY berkey: Tue Dec 04 08:19:09 GMT 2018

Volumne initilzied and a quick test of the kcor labview/socketcam software seems to confirm the drive is properly mounted and useable.

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

ONSITE STAFF: berkey