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Mauna Loa Solar Observatory Observer's Log  
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Fri Jan 25 17:30:00 GMT 2019

Year: 19 Doy: 025

Observer: berkey

WEATHER COMMENT: berkey: Fri Jan 25 17:33:08 GMT 2019

Temp: 38.3f, Humidity: 40%, Pressure: 28.643in, Wind: 9mph from 214degs, Skies: clear

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

GENERAL COMMENT BY berkey: Fri Jan 25 17:49:34 GMT 2019

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Fri Jan 25 17:49:47 GMT 2019

Windows opened up stairs

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

Fri Jan 25 18:02:13 GMT 2019 SGS Alignment complete

Fri Jan 25 18:02:21 GMT 2019 Kcor Focus/alignment program exited

Fri Jan 25 18:12:20 GMT 2019 KCOR Start Synoptic Patrol

Fri Jan 25 19:56:53 GMT 2019 KCOR End Patrol

Fri Jan 25 19:56:54 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Jan 25 20:12:04 GMT 2019 KCOR End Calibration Script

Fri Jan 25 20:12:22 GMT 2019 KCOR Start Synoptic Patrol

Fri Jan 25 20:12:23 GMT 2019 KCOR Start Synoptic Patrol

Fri Jan 25 20:53:48 GMT 2019 KCOR End Patrol

Fri Jan 25 20:55:12 GMT 2019 SGS Alignment complete

Fri Jan 25 20:54:50 GMT 2019 KCOR Start Synoptic Patrol

Fri Jan 25 22:43:47 GMT 2019 KCOR End Patrol

Fri Jan 25 22:44:57 GMT 2019 SGS Alignment complete

Fri Jan 25 22:44:35 GMT 2019 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Sat Jan 26 01:54:52 GMT 2019

Trying a couple scripts to help (me) out with my workflow.

One will pop up a ladder warning like thing on the logging machine when kcor should have cleared the dome wall. With some pointing around in the logs I find that we tended to claim the SGS is complete for the first time when the sun is a ~12.7 degrees above the horizon. So the script pops up a warning box when the sun has reached that height. This value probably needs some tweaking as the SGS alignment button time stamp was a very noisy signal; and there could be a slight seasonal variation to when kcor clears since the 01 is a bit off axis.

Also changed the way we get gong images. It looks like ftp may be blocked on the unix hosts so the old method no longer works.

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

Sat Jan 26 02:17:14 GMT 2019 KCOR End Patrol

ONSITE STAFF: berkey