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Mauna Loa Solar Observatory Observer's Log  
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Thu Oct 26 16:33:01 GMT 2017

Year: 17 Doy: 299

Observer: waters

WEATHER COMMENT: waters: Thu Oct 26 16:33:14 GMT 2017

Temp 42F with windspeed at about 4-9mph from the South. Thin cirrus covering the sky at present, will open up and track but will wait for the sky to clear before starting instruments.

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

GONG COMMENT BY waters: Thu Oct 26 16:38:57 GMT 2017

GONG has been unstowed.

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

GENERAL COMMENT BY waters: Thu Oct 26 17:05:56 GMT 2017

PM Blew off Kcor 01

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

GENERAL COMMENT BY waters: Thu Oct 26 17:06:01 GMT 2017

PM Blew off CoMP 01

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

Thu Oct 26 18:54:27 GMT 2017 SGS Alignment complete

Thu Oct 26 18:55:28 GMT 2017 Kcor Focus/alignment program exited

Thu Oct 26 18:55:12 GMT 2017 CoMP occulter has been re-centered

Thu Oct 26 18:55:46 GMT 2017 CoMP occulter has been re-centered

Thu Oct 26 18:57:58 GMT 2017 CoMP occulter has been re-centered

Thu Oct 26 18:59:29 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

GENERAL OBSERVATORY COMMENT BY waters: Thu Oct 26 19:04:19 GMT 2017

Still just a bit of cirrus crossing the sky at the moment, CoMP looks fine however, you can see it still in Kcor. Waiting a bit longer to start up Kcor but CoMP looks wonderful. Thank you Ben!!!

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

Thu Oct 26 19:09:43 GMT 2017 KCOR Start Synoptic Patrol

Thu Oct 26 19:22:26 GMT 2017 KCOR End Patrol

Thu Oct 26 19:27:25 GMT 2017 KCOR Start Synoptic Patrol

Thu Oct 26 19:32:57 GMT 2017 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Oct 26 19:20:59 GMT 2017

Checking Kcor start real quick. The images at the start of the day was uniform. Currently trouble shooting with Ben.

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

Thu Oct 26 20:04:32 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Thu Oct 26 20:02:59 GMT 2017

Ben had me look at the images coming in at start up with the diffuser and polarizer out of the beam to see if socketcam came up in the right position. As I started up, I looked in the Y: drive on the shabar computer, under gallery\kcor and checked the latest image. Luckily, it looks like socketcam started up correctly this time. Images look much better than at start up. Hopefully, when Ben comes back up tomorrow, he can flush out the cause. Thank you for your help!

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

Thu Oct 26 20:53:14 GMT 2017 KCOR End Patrol

Thu Oct 26 20:53:15 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Oct 26 21:08:36 GMT 2017 KCOR End Calibration Script

Thu Oct 26 21:08:53 GMT 2017 KCOR Start Synoptic Patrol

Thu Oct 26 21:08:55 GMT 2017 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Oct 26 21:21:40 GMT 2017

The door leading into the dog house can be pushed open without moving the handle, regardless if it's locked or not. I tried to pull/push it closed and you could still push/pull it open without moving the handle.

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

Thu Oct 26 21:34:19 GMT 2017 KCOR End Patrol

Thu Oct 26 21:35:12 GMT 2017 SGS Alignment complete

Thu Oct 26 21:35:06 GMT 2017 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Oct 26 21:59:02 GMT 2017

We might have a faulty safety valve on our liquid nitrogen dispensers. It went off when I filled our dewar. After about five to seven minutes, it stopped releasing nitrogen but we should keep an eye on it everytime we use it.

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

Thu Oct 26 22:18:46 GMT 2017 KCOR End Patrol

Thu Oct 26 22:18:14 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Thu Oct 26 22:17:00 GMT 2017

Clouds crossing over, instruments idled for now.

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

Thu Oct 26 22:47:18 GMT 2017 KCOR Start Synoptic Patrol

Thu Oct 26 22:46:34 GMT 2017 CoMP Restarted from pause

Thu Oct 26 22:50:45 GMT 2017 KCOR End Patrol

Thu Oct 26 22:50:54 GMT 2017 CoMP Paused for clouds

Fri Oct 27 00:32:06 GMT 2017 KCOR Start Synoptic Patrol

Fri Oct 27 00:31:22 GMT 2017 CoMP Restarted from pause

GENERAL OBSERVATORY COMMENT BY waters: Fri Oct 27 00:30:23 GMT 2017

Sky looks a little bright but going to try taking data.

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Oct 27 00:34:40 GMT 2017

There is a new project on the brick wall that looks at the glow of the atmosphere and we were kindly asked to cover the red light that our breaker outside has. Currently covered with tape.

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

Fri Oct 27 01:14:21 GMT 2017 COMP End Patrol

Fri Oct 27 01:15:48 GMT 2017 KCOR End Patrol

Fri Oct 27 01:17:00 GMT 2017 SGS Alignment complete

Fri Oct 27 01:16:51 GMT 2017 KCOR Start Synoptic Patrol

Fri Oct 27 01:17:36 GMT 2017 KCOR End Patrol

Fri Oct 27 01:18:24 GMT 2017 SGS Alignment complete

Fri Oct 27 01:18:12 GMT 2017 KCOR Start Synoptic Patrol

Fri Oct 27 01:17:56 GMT 2017 CoMP occulter has been re-centered

Fri Oct 27 01:18:01 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Fri Oct 27 01:26:33 GMT 2017 KCOR End Patrol

Fri Oct 27 01:26:20 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Fri Oct 27 01:25:42 GMT 2017

Some clouds passing, instruments idled

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

Fri Oct 27 01:49:11 GMT 2017 CoMP Restarted from pause

Fri Oct 27 01:49:15 GMT 2017 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Oct 27 01:57:28 GMT 2017

After the morning cirrus, it was a good day to take data, aerosols were ever present and some clouds in the afternoon impeded a bit but otherwise, a nice day up the mountain.

\_\_end\_\_