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Mauna Loa Solar Observatory Observer's Log  
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Sun Jan 29 17:06:01 GMT 2017

Year: 17 Doy: 029

Observer: waters

WEATHER COMMENT: waters: Sun Jan 29 17:06:04 GMT 2017

Temp 40F with windspeed at about 8mph from the West-Southwest. Sky is clear and beautiful.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 29 17:08:19 GMT 2017

There are some people up here on site other than myself. They are currently on the Sun deck of the NDSC building, taking photos of sunrise...

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

Sun Jan 29 17:33:53 GMT 2017 Kcor Focus/alignment program exited

Sun Jan 29 17:54:43 GMT 2017 SGS Alignment complete

Sun Jan 29 17:55:28 GMT 2017 CoMP occulter has been re-centered

Sun Jan 29 17:56:06 GMT 2017 Kcor Focus/alignment program exited

Sun Jan 29 17:56:54 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Sun Jan 29 18:02:54 GMT 2017 KCOR Start Synoptic Patrol

Sun Jan 29 19:11:35 GMT 2017 KCOR End Patrol

Sun Jan 29 19:11:54 GMT 2017 CoMP Paused for clouds

Sun Jan 29 19:12:17 GMT 2017 SGS Alignment complete

Sun Jan 29 19:12:21 GMT 2017 KCOR Start Synoptic Patrol

Sun Jan 29 19:12:24 GMT 2017 CoMP Restarted from pause

Sun Jan 29 20:22:34 GMT 2017 CoMP Paused for clouds

Sun Jan 29 20:22:33 GMT 2017 KCOR End Patrol

Sun Jan 29 20:23:38 GMT 2017 SGS Alignment complete

Sun Jan 29 20:23:43 GMT 2017 KCOR Start Synoptic Patrol

Sun Jan 29 20:23:47 GMT 2017 CoMP Restarted from pause

Sun Jan 29 20:35:23 GMT 2017 KCOR End Patrol

Sun Jan 29 20:35:24 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Sun Jan 29 20:40:59 GMT 2017 COMP End Patrol

Sun Jan 29 20:43:13 GMT 2017 CoMP occulter has been re-centered

Sun Jan 29 20:43:16 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Sun Jan 29 20:52:47 GMT 2017 KCOR End Calibration Script

Sun Jan 29 20:53:04 GMT 2017 KCOR Start Synoptic Patrol

Sun Jan 29 20:53:05 GMT 2017 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 29 20:44:54 GMT 2017

The nozzle on our liquid nitrogen dispenser was completely bent where it attaches to the dispenser. It was left on the steps next to where we fill up and a hose was put in its place. However, when I tried to fill the dewar, the hose wasn't working. The nitrogen is completely full but even on full blast, I wasn't able to get any nitrogen out of the hose. I ended up using the NOAA nitrogen to fill our dewar. I brought up the nozzle we use and it is currently on our electrical workbench.

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

Sun Jan 29 21:35:29 GMT 2017 KCOR End Patrol

Sun Jan 29 21:35:49 GMT 2017 CoMP Paused for clouds

Sun Jan 29 21:36:14 GMT 2017 SGS Alignment complete

Sun Jan 29 21:36:17 GMT 2017 KCOR Start Synoptic Patrol

Sun Jan 29 21:36:21 GMT 2017 CoMP Restarted from pause  
Sun Jan 29 21:56:29 GMT 2017 KCOR End Patrol  
Sun Jan 29 21:56:32 GMT 2017 KCOR Start Synoptic Patrol  
Sun Jan 29 22:16:49 GMT 2017 COMP End Patrol  
Sun Jan 29 22:16:54 GMT 2017 KCOR End Patrol  
Sun Jan 29 22:17:31 GMT 2017 SGS Alignment complete  
Sun Jan 29 22:17:37 GMT 2017 KCOR Start Synoptic Patrol  
Sun Jan 29 22:18:47 GMT 2017 CoMP occulter has been re-centered  
Sun Jan 29 22:18:49 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk  
GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 29 22:49:38 GMT 2017  
Some clouds are drifting up from Saddle, might have to pause instruments in a bit.  
\_\_\_\_end\_\_\_\_

Sun Jan 29 22:55:25 GMT 2017 KCOR End Patrol  
Sun Jan 29 22:55:30 GMT 2017 CoMP Paused for clouds  
Sun Jan 29 23:01:14 GMT 2017 CoMP Restarted from pause  
Sun Jan 29 23:01:28 GMT 2017 KCOR Start Synoptic Patrol  
Sun Jan 29 23:10:38 GMT 2017 KCOR End Patrol  
Sun Jan 29 23:11:50 GMT 2017 CoMP Paused for clouds  
GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 29 23:13:16 GMT 2017  
In and out of clouds at the moment. Hoping for the clouds to clear soon.  
\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Mon Jan 30 00:23:06 GMT 2017  
Gave a tour to Paul, from NOAA and some gentlemen from JPL, California. They were the people here this morning, taking vid  
eo and photos on the deck.  
\_\_\_\_end\_\_\_\_

Mon Jan 30 00:53:12 GMT 2017 SGS Alignment complete  
Mon Jan 30 00:53:19 GMT 2017 KCOR Start Synoptic Patrol  
Mon Jan 30 00:53:23 GMT 2017 CoMP Restarted from pause  
Mon Jan 30 00:57:36 GMT 2017 COMP End Patrol  
Mon Jan 30 00:58:31 GMT 2017 CoMP occulter has been re-centered  
Mon Jan 30 00:58:32 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk  
Mon Jan 30 01:02:21 GMT 2017 KCOR End Patrol  
Mon Jan 30 01:04:01 GMT 2017 CoMP Paused for clouds  
GENERAL OBSERVATORY COMMENT BY waters: Mon Jan 30 01:04:01 GMT 2017  
Oh the lovely, lovely sucker hole.  
\_\_\_\_end\_\_\_\_

Mon Jan 30 02:16:29 GMT 2017 CoMP Restarted from pause  
Mon Jan 30 02:16:29 GMT 2017 COMP End Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Mon Jan 30 02:17:16 GMT 2017  
Was able to talk to Paul about the liquid nitrogen situation; turns out the hose needs time to cool before it will dispens  
e the liquid nitrogen. Patients is a virtue in every field. Thank you Paul!  
\_\_\_\_end\_\_\_\_  
GENERAL OBSERVATORY COMMENT BY waters: Mon Jan 30 02:30:43 GMT 2017  
On a side note, I fixed our funnel as there was a hole in it.  
\_\_\_\_end\_\_\_\_