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Mauna Loa Solar Observatory Observer's Log  
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Sun Dec 15 17:19:11 GMT 2013

Year: 13 Doy: 349

Observer: waters

WEATHER COMMENT: waters: Sun Dec 15 17:19:18 GMT 2013

Temp 36F, windspeed 8mph from the South-Southeast. Cirrus in the North-Northwest. Thin layer of vog looks to be above 14,000ft. There is also a haze in the East-Southeast, but it's really hard to see.

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

CoMP COMMENT BY waters: Sun Dec 15 17:23:43 GMT 2013

Waiting for the camera to cool before turning it on. Doesn't look like I'll have to wait too long.

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

KCOR COMMENT BY waters: Sun Dec 15 17:24:30 GMT 2013

Temp for Kcor has stayed at 33.4C since I've got here. On the ILX, the TE Current Limit and the TE Open are glowing red.

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

Sun Dec 15 17:39:00 GMT 2013: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 15 17:44:40 GMT 2013

When starting to center the occulter on Comp, it was way off. The HT was at 90500 and the VT was at 95500. Also, the dark image is washed out. I will recenter Comp once Kcor is up to temp, but will have it up and running once the dark image has some semblance to its former glory.

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

Sun Dec 15 18:08:24 GMT 2013 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 15 18:45:50 GMT 2013

Temp has reached 35C on kcor and the red leds are gone. Getting it up and going.

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

Sun Dec 15 18:48:44 GMT 2013 COMP End Patrol

KCOR COMMENT BY waters: Sun Dec 15 18:56:50 GMT 2013

Kcor has come light leaking on it. Current SGS values are -70, -60. Values set to -51,-36. Will no doubt have to recenter in a couple of hours.

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

CoMP COMMENT BY waters: Sun Dec 15 19:04:40 GMT 2013

HT set to 93000 and VT set to 96000.

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

Sun Dec 15 19:05:33 GMT 2013 COMP Start Patrol

Sun Dec 15 19:11:02 GMT 2013 KCOR Start Synoptic Patrol

Sun Dec 15 19:30:07 GMT 2013 KCOR End Patrol

Sun Dec 15 19:30:30 GMT 2013 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Sun Dec 15 19:46:16 GMT 2013 KCOR End Calibration Script

Sun Dec 15 19:46:41 GMT 2013 KCOR Start Synoptic Patrol

Sun Dec 15 20:21:09 GMT 2013 KCOR End Patrol

Sun Dec 15 20:21:01 GMT 2013 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 15 20:20:37 GMT 2013

Cirrus coming in from the West and South. Kcor and Comp idled.

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

Sun Dec 15 20:40:19 GMT 2013: PSPT Start Patrol

Sun Dec 15 21:27:58 GMT 2013: PSPT Start Patrol

Sun Dec 15 22:39:41 GMT 2013: PSPT Abort Patrol

Sun Dec 15 22:39:45 GMT 2013: PSPT Abort Patrol

Sun Dec 15 22:39:51 GMT 2013: PSPT Start Patrol

Sun Dec 15 22:40:29 GMT 2013: PSPT Abort Patrol

Sun Dec 15 22:41:50 GMT 2013: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 15 22:42:58 GMT 2013

Pspt lost the Sun for a bit. Took a couple of tries but got it back and working.

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

Sun Dec 15 22:55:54 GMT 2013: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 15 22:57:07 GMT 2013

Some nasty clouds have found their way up. Pspt idled with domes ready to close if necessary.

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

Mon Dec 16 00:35:04 GMT 2013: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Dec 16 00:36:15 GMT 2013

Some thin cirrus sitll hanging about but should be able to start Pspt.

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

Mon Dec 16 01:00:40 GMT 2013: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Dec 16 01:02:36 GMT 2013

Domes closed due to fog.

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