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Mauna Loa Solar Observatory Observer's Log  
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Sun Dec 28 17:12:07 GMT 2014

Year: 14 Doy: 362

Observer: waters

WEATHER COMMENT: waters: Sun Dec 28 17:16:59 GMT 2014

Clear skies, temp 41F with windspeed at about 4mph from the Southwest. Vog seems to be at about 10,000ft, maybe higher.

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

Sun Dec 28 17:30:11 GMT 2014: PSPT Start Patrol

Sun Dec 28 17:56:58 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 28 18:04:12 GMT 2014

Sky is too bright for Kcor, idled for now.

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

Sun Dec 28 18:45:30 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 28 18:45:55 GMT 2014

Brightness has dimmed enough that you can see the corona, Kcor started.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 28 19:15:49 GMT 2014

The liquid Nitrogen canister is running on empty. I was able to fill the dewar. On another note, the UPS in the MLSO server and Ulua rack has been switching between battery and online for the past half hour.

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

Sun Dec 28 19:39:41 GMT 2014 KCOR End Patrol

Sun Dec 28 19:39:41 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Sun Dec 28 19:55:45 GMT 2014 KCOR End Calibration Script

Sun Dec 28 19:55:59 GMT 2014 KCOR Start Synoptic Patrol

Sun Dec 28 20:54:31 GMT 2014 COMP End Patrol

Sun Dec 28 20:54:31 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 28 20:55:34 GMT 2014

SGS adjusted. Comp didn't need to be adjusted.

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

Sun Dec 28 22:22:38 GMT 2014 KCOR End Patrol

Sun Dec 28 22:23:01 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 28 22:27:36 GMT 2014

SGS and Comp adjusted.

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

Sun Dec 28 22:29:03 GMT 2014 COMP Start Patrol

Sun Dec 28 22:30:51 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 28 23:16:46 GMT 2014

Gave a bit of a tour to a couple who happened to be on the wrong mountain. They enjoyed it despite the wrong turn. :)

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

GENERAL OBSERVATORY COMMENT BY waters: Mon Dec 29 00:07:34 GMT 2014

Gave another tour for a family who live in Oahu and a gentleman who had biked up to about 9600ft. Enjoyed the tour but were surprised that you can see Maui from here.

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

Mon Dec 29 01:26:31 GMT 2014 COMP End Patrol

Mon Dec 29 01:27:09 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Dec 29 01:22:26 GMT 2014

Lots and lots of areosols this after noon. Degrading Kcor data a bit but still taking data. Comp readjusted.

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

Mon Dec 29 02:20:17 GMT 2014 KCOR End Patrol

Mon Dec 29 02:20:18 GMT 2014 COMP End Patrol

Mon Dec 29 02:20:27 GMT 2014: PSPT Abort Patrol

PSPT COMMENT BY waters: Mon Dec 29 02:26:41 GMT 2014

Went to shut down Pspt and hit the start up instead. When I aborted and then commenced to shut down, the instrument parked completely horizontal and the dome is facing West. Starting up again to reset it, hopefully it works.

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

GENERAL OBSERVATORY COMMENT BY waters: Mon Dec 29 02:30:33 GMT 2014

I meant the dome parked North not West, sorry.

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

Mon Dec 29 02:37:42 GMT 2014: PSPT Abort Patrol

Mon Dec 29 02:40:41 GMT 2014: PSPT Abort Patrol

PSPT COMMENT BY waters: Mon Dec 29 02:44:53 GMT 2014

Dome reset but the clutch for the instrument loosened, so I manually parked Pspt as best as I could. Lets hope all goes well on startup tomorrow.

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