
Mauna Loa Solar Observatory Observer's Log

Tue Oct 14 16:50:18 GMT 2014

Year: 14 Doy: 287

Observer: waters

WEATHER COMMENT: waters: Tue Oct 14 16:50:26 GMT 2014

Road had a bit of ice on it, starting at about 10,000ft. Thin layer of snow on the ground and walkway was very slick. However, the Sun is shining in a clear patch of blue sky towards the East and everything is starting to melt. There is cirrus directly above, to the North and Northwest but otherwise clear. Mauna Kea has a good layer of snow down to as far as 10,000ft it looks like. Temp 41F with windspeed at about 18mph from the South-Southeast.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 14 17:06:02 GMT 2014

Kcor computer wasn't responding, restarted computer.

____end____

Tue Oct 14 17:19:19 GMT 2014: PSPT Start Patrol

Tue Oct 14 17:20:36 GMT 2014 COMP Start Patrol

Tue Oct 14 17:25:41 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 14 17:22:37 GMT 2014

Computer readout of Kcor temp on the ilx lightwave was at 34.4C this morning while the modulator temp software readout was stuck at 35C. However, upon restarting Kcor, it has since started to reflect the ilx lightwave temp. Yeah!

____end____

GONG COMMENT BY waters: Tue Oct 14 17:44:07 GMT 2014

Gong unstowed.

____end____

****Possible CME in Progress waters*****: Tue Oct 14 18:49:57 GMT 2014

At 18:26 UT, between PA90-105, a cme is launching. Can be seen in Gong and Kcor.

____end____

You can check out the image data at:

<http://mlso.hao.ucar.edu>

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 14 19:49:56 GMT 2014

Clouds are starting to creep towards the weather station. Will keep an eye on the weather.

____end____

Tue Oct 14 20:18:29 GMT 2014 COMP End Patrol

Tue Oct 14 20:18:30 GMT 2014 COMP Start Patrol

Tue Oct 14 20:18:29 GMT 2014 KCOR End Patrol

Tue Oct 14 20:18:32 GMT 2014 KCOR Start Synoptic Patrol

Tue Oct 14 20:26:00 GMT 2014 COMP End Patrol

Tue Oct 14 20:27:09 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 14 20:27:29 GMT 2014

SGS adjusted. Held off on Kcor calibration to acquire the full cme launch and it seems something else might happen in the same area of the launch but going to start calibration now.

____end____

Tue Oct 14 20:29:49 GMT 2014 KCOR End Patrol

Tue Oct 14 20:29:50 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Tue Oct 14 20:45:47 GMT 2014 KCOR End Calibration Script

Tue Oct 14 20:47:19 GMT 2014 KCOR Start Synoptic Patrol

Tue Oct 14 20:57:26 GMT 2014 KCOR End Patrol

Tue Oct 14 20:58:01 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 14 20:58:19 GMT 2014

Thin bands of cirrus coming in from the Southwest, Comp, Kcor and Shabar idled till they pass.

____end____

Tue Oct 14 21:02:22 GMT 2014: PSPT Start Patrol

Tue Oct 14 22:35:59 GMT 2014: PSPT Abort Patrol

Tue Oct 14 22:36:03 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 14 22:36:23 GMT 2014

Thick clouds have rolled in, Pspt idled.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 14 23:06:30 GMT 2014

Domes closed for fog

____end____

****EVENT COMMENT BY waters**** : Wed Oct 15 01:46:30 GMT 2014

It seems there may have been another event triggered by the CME today. It can be seen in Gong but due to the weather, it is not clear what is going on. It starts at 22:30UT, picks up at 00:06UT and again at 01:41UT. Looks to be between PA100-110

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____end____