
Mauna Loa Solar Observatory Observer's Log

Sun Mar 16 16:48:44 GMT 2014

Year: 14 Doy: 075

Observer: waters

WEATHER COMMENT: waters: Sun Mar 16 16:48:48 GMT 2014

There's a haze on the Eastern horizon, cirrus towards the Western horizon and a few wisps in between. Other than that, it's clear. Temp is 29F with windspeed at 10mph from the South.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 17:08:57 GMT 2014

Pspt DOS machine stopped communicating with the Sun machine on start up. Restarted and it seems to be starting alright.

____end____

PSPT COMMENT BY waters: Sun Mar 16 17:21:12 GMT 2014

Pspt had trouble finding Sun this morning; shut it down and restarted only to have the sun machine run amuck. Killed pspt and restarted; still can't find Sun...

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 17:36:36 GMT 2014

Kcor above dome and wispy cirrus has passed. Starting Kcor and Comp.

____end____

Sun Mar 16 17:45:29 GMT 2014 COMP Start Patrol

Sun Mar 16 17:46:44 GMT 2014 KCOR Start Synoptic Patrol

PSPT COMMENT BY waters: Sun Mar 16 17:38:00 GMT 2014

Upon shutting down Pspt again, both the dome and telescope parked west of their normal positions...Shut down DOS, reposition dome and telescope as close to their normal park position as possible and restarting.

____end____

****EVENT COMMENT BY waters**** : Sun Mar 16 17:48:15 GMT 2014

The area between PA 250-280 seems a bit active this morning. A flare starts to go off at about 16:56 UT and completes its jump at 17:45UT. Can be seen in Gong.

____end____

Sun Mar 16 18:18:06 GMT 2014 KCOR End Patrol

Sun Mar 16 18:17:23 GMT 2014 COMP End Patrol

Sun Mar 16 18:18:34 GMT 2014 COMP Start Patrol

Sun Mar 16 18:20:45 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 18:19:33 GMT 2014

While trying to trouble shoot Pspt, upper dome occulted both kcor, comp and shbar. Moved dome and restarted them again.

____end____

Sun Mar 16 18:42:01 GMT 2014: PSPT Start Patrol

PSPT COMMENT BY waters: Sun Mar 16 18:43:28 GMT 2014

after trouble shooting with Ben, i manually tried to center Pspt. After several attempts, I decided to tighten up the clutch and shut down. Made sure everything was tight but still maneuverable and started up again. Got the Sun right off the beam at. Yeah!!!!

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 19:03:05 GMT 2014

Sgs drifted quite a bit since this morning. Values were at -50, 35; new values at -50, 15.

____end____

Sun Mar 16 19:06:16 GMT 2014 KCOR End Patrol

Sun Mar 16 19:06:16 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Sun Mar 16 19:22:12 GMT 2014 KCOR End Calibration Script

Sun Mar 16 19:22:26 GMT 2014 KCOR Start Synoptic Patrol

****EVENT COMMENT BY waters**** : Sun Mar 16 19:30:40 GMT 2014

Between PA 170-180, there seems to be something going on. It looks like a loop that goes up and then falls back down but it's hard to make out. It starts at 17:39UT and ends about 18:27UT? The occulting of the dome seems to have blanked out around that time. Can be seen in Kcor.

____end____

Sun Mar 16 19:36:47 GMT 2014 COMP End Patrol

Sun Mar 16 19:36:48 GMT 2014 COMP Start Patrol

Sun Mar 16 20:54:36 GMT 2014 COMP End Patrol

Sun Mar 16 20:56:07 GMT 2014 KCOR End Patrol

Sun Mar 16 21:02:58 GMT 2014 COMP Start Patrol

Sun Mar 16 21:04:11 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 21:03:54 GMT 2014

Dome reconfigured.

____end____

Sun Mar 16 21:14:03 GMT 2014 KCOR End Patrol

Sun Mar 16 21:18:39 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sun Mar 16 21:15:43 GMT 2014

Noticed that kcor looks a bit whited out. Idled for the moment, seems to be getting better but not sure why it happened. It seems to have affected Comp but not as much. Looking to the West of the Sun, there appears to be a white haze approaching. Most likely it.

____end____

Sun Mar 16 21:29:17 GMT 2014 KCOR End Patrol

Sun Mar 16 21:34:19 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 21:44:42 GMT 2014

Whited out, comp and kcor idled

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 21:51:21 GMT 2014

Visibly cirrus coming up from the South.

____end____

Sun Mar 16 23:30:25 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 23:30:47 GMT 2014

Thicker clouds have rolled in, Pspt idled.

____end____

Sun Mar 16 23:51:28 GMT 2014: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Mar 16 23:51:42 GMT 2014

Thick clouds have moved on, starting Pspt and hoping it isn't a sucker hole.

____end____

Mon Mar 17 00:25:35 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Mar 17 00:26:22 GMT 2014

Thicker clouds have rolled back in, pspt idled.

____end____