
Mauna Loa Solar Observatory Observer's Log

Sun Jul 6 16:11:05 GMT 2014

Year: 14 Doy: 187

Observer: waters

WEATHER COMMENT: waters: Sun Jul 6 16:11:14 GMT 2014

Scattered cirrus covering most of the sky at present. Temp 40F with windspeed at 6mph from the South. Will wait for better skies to start up Kcor and Comp.

____end____

Sun Jul 6 16:50:46 GMT 2014: PSPT Start Patrol

Sun Jul 06 16:57:52 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 6 16:56:40 GMT 2014

Sky has cleared up a bit, starting Kcor, Comp and Shabar.

____end____

Sun Jul 06 17:00:28 GMT 2014 KCOR Start Synoptic Patrol

Sun Jul 06 18:02:38 GMT 2014 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 6 18:03:05 GMT 2014

Little cloud crossing around the Sun, pushing Comp through it.

____end____

Sun Jul 06 18:04:52 GMT 2014 KCOR Start Synoptic Patrol

Sun Jul 06 18:05:39 GMT 2014 KCOR End Patrol

Sun Jul 06 18:07:15 GMT 2014 KCOR Start Synoptic Patrol

Sun Jul 6 18:30:50 GMT 2014: PSPT Start Patrol

Sun Jul 06 19:06:35 GMT 2014 KCOR End Patrol

Sun Jul 06 19:06:35 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Sun Jul 06 19:22:33 GMT 2014 KCOR End Calibration Script

Sun Jul 06 19:22:42 GMT 2014 KCOR Start Synoptic Patrol

Sun Jul 06 19:55:43 GMT 2014 COMP End Patrol

Sun Jul 06 19:55:43 GMT 2014 COMP Start Patrol

Sun Jul 06 19:56:33 GMT 2014 KCOR End Patrol

Sun Jul 06 19:56:39 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 6 20:09:34 GMT 2014

Slightly confused. Idled everything in the main dome to reconfigure the dome and I noticed one of the wheels isn't in the guide and I can't release the bottom shutter. It looks as if the top part of the dome isn't down far enough for the hook to clear the bar. Huh...will try to trouble shoot.

____end____

GENERAL PROBLEM COMMENT BY waters : Sun Jul 6 21:02:58 GMT 2014

The wheel that is out of the guider is the bottom right, just above the bar that connects the lower shutter to rest of it.

Tried to reseal it but the bottom bolt of the casing that holds the wheel wouldn't come off, the screw kept rolling and I couldn't get a good grip on it. Also, I couldn't get any leverage to take pressure off the wheel. Right now, the wheel is out of the guide but is wedged on the top part of the guide. I tried the dome (not very far) and it moves. But I don't feel comfortable opening. Will try again to trouble shoot but I don't think we should open the dome until we get this sorted.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 6 21:20:33 GMT 2014

Cirrus has moved in.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 6 22:47:35 GMT 2014

With coaching from Ben, I was able to finally get the wheel unseated. I replaced it with one of the spares since it was just a bit longer than the previous one. After some elbow grease was applied, I was able to get the new wheel in and seating properly. While opening the dome the first time after the wheel install, the shutter stuttered more than usual. I lubed and greased the wheels and track as best as I could but I can't seem to get it out. It stutters as the bottom portion almost reaches the top. Anywho, the bottom part of the shutter now unhooks properly again. Keeping the dome closed as there are some clouds to the South that look a little low.

____end____

Mon Jul 7 00:12:17 GMT 2014: PSPT Abort Patrol

Mon Jul 7 00:56:54 GMT 2014: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Jul 7 00:57:03 GMT 2014

Clouds have cleared a bit, still some cirrus but enough so that I can restart Pspt.

____end____

****EVENT COMMENT BY waters**** : Mon Jul 7 01:15:06 GMT 2014

Lots of activity going on between PA 100-50, starting around 16:35 UT and still seems to be going on. Surges, a prominence forming and what looks like it releasing or collapsing at 21:30UT. Can be seen in Gong.

____end____

Mon Jul 7 01:21:45 GMT 2014: PSPT Abort Patrol

PSPT COMMENT BY waters: Mon Jul 7 01:19:22 GMT 2014

Pspt seems to be shifting. The image that is being produced seems as if the telescope had been pulled so that the Sun has three trail images behind it and isn't centered (in the upper right hand corner of the screen). Then it tries to correct itself but still ends up with the trail and just off center. Don't think I'll have time to see if I got rid of it...sorry.

____end____

PSPT COMMENT BY waters: Mon Jul 7 01:28:42 GMT 2014

Pspt didn't park correctly. Manually homed it.

____end____