
Mauna Loa Solar Observatory Observer's Log

Thu Dec 12 17:41:45 GMT 2013

Year: 13 Doy: 346

Observer: waters

WEATHER COMMENT: waters: Thu Dec 12 17:41:50 GMT 2013

Cirrus covering the Southeast. Temp43F, windspeed 14mph from the Southeast.

____end____

Thu Dec 12 17:53:18 GMT 2013: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 17:49:51 GMT 2013

Comp had shutdown unexpected and was rebooted this morning. Kcor had everything out of beam. Put the lens cover and diffuser in beam before opening the dome and aligning the spar.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 18:16:33 GMT 2013

Focus GUI crashed after hitting the run button

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GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 18:22:21 GMT 2013

After focus gui crashed a number of times on start, I restarted Kcor, however, it crashed trying to shut down. So I did a hard boot.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 19:13:52 GMT 2013

Reboot seemed to have worked but crashed twice when trying to set the exposure. After restarting the focus GUI a couple times, I was finally able to set the exposure, the MC4U controller worked properly and the images updated in real time.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 19:33:50 GMT 2013

Error *8601 occurred at Photonfocus_Toolkit.lvlib:pf_Get_Error_msg.vi:27. This error code is undefined. Undefined errors might occur for a number of reason.

After I focused the cameras and started to focus the O1, it crashed. Then restarted the Gui and got that error message. Once hitting okay, it said the Port is closed. Going to shut Kcor down, power cycle the cameras and start up fresh.

____end____

Thu Dec 12 20:25:59 GMT 2013 KCOR Start Synoptic Patrol

Thu Dec 12 20:32:55 GMT 2013 KCOR End Patrol

Thu Dec 12 20:39:24 GMT 2013 KCOR Start Synoptic Patrol

Thu Dec 12 20:58:20 GMT 2013 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 20:38:52 GMT 2013

Was finally able to focus the O1 on Kcor and tried as best to center it. The values on SGS were at -50, -40. I moved it to -40, -30. It looks centered but I'm not exactly sure. Starting taking Kcor and Comp data and will see how the afternoon progresses.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 21:19:57 GMT 2013

Looking at the stream, at around 21:00UTC part of the image in the upper left gets a little wonky, as if something, i don't know as if water had trailed it and distorted it? It immediately disappears in the next image. Not quite sure what happened.

____end____

Thu Dec 12 21:35:13 GMT 2013 COMP End Patrol

Thu Dec 12 21:36:25 GMT 2013 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 21:35:18 GMT 2013

Starting to see some major leakage in kcor. Stopping Comp and going to try and recenter.

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GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 21:41:25 GMT 2013

SGS was at -40, -30 and it's been changed to -70, -50. The spillage is gone and it looks centered but eyes can be deceivin g. Will see how it progresses.

____end____

Thu Dec 12 21:44:15 GMT 2013 KCOR Start Synoptic Patrol

Thu Dec 12 21:46:21 GMT 2013 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 21:47:11 GMT 2013

The spilling might be the reason the images start to go wonky in the stream. Sorry

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 22:02:50 GMT 2013

Nope wasn't why it looked wonky. In fact, it looks like it's getting much much worse.

____end____

Thu Dec 12 22:08:56 GMT 2013 KCOR End Patrol

Thu Dec 12 22:08:30 GMT 2013 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 22:08:48 GMT 2013

Stopping Kcor and Comp to do some trouble shooting.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 12 22:52:05 GMT 2013

bits of cirrus are crossing the sky. Will wait before starting Comp. Have talked to Ben and emailed Alice to see if it mig ht be something in the code that she just changed that might have caused the data to look bad. Hoping for the best.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 13 00:13:03 GMT 2013

Alice says the code looks stable. Was hoping to see if it was still deteriorating but the sky has been invaded with relati vely thick cirrus and doesn't look like it will leave.

____end____

Fri Dec 13 01:38:24 GMT 2013: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 13 01:38:43 GMT 2013

Cirrus is getting thick, Pspt idled.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 13 02:21:20 GMT 2013

I plan on leaving half an hour early (or at least I was) because I had a suspicion that I may be getting a bit tired. I ju st proved myself right for as I romved the funnel after filling comp, I dropped the funnel, shattering it. It is currently on the side table upstairs on top of the zip ties. I tried looking for the repalcement but I wasn't able to find it. Sorr y

____end____