
Mauna Loa Solar Observatory Observer's Log

Fri Jan 9 17:38:23 GMT 2015

Year: 15 Doy: 009

Observer: berkey

WEATHER COMMENT: berkey: Fri Jan 9 17:38:27 GMT 2015

temp 40f, wind 10 mph from SE, clear skies

____end____

Fri Jan 09 17:57:40 GMT 2015 COMP Start Patrol

KCOR COMMENT BY berkey: Fri Jan 9 18:01:21 GMT 2015

Alice updated socketcam last night/early this morning.

____end____

KCOR COMMENT BY berkey: Fri Jan 9 18:03:06 GMT 2015

Getting a lot of SPii errors morning attempting a reboot.

____end____

KCOR COMMENT BY berkey: Fri Jan 9 18:09:12 GMT 2015

Getting circular acquisition errors on socketcam startup.

____end____

KCOR COMMENT BY berkey: Fri Jan 9 18:10:51 GMT 2015

Restarting the labview observing program let socketcam start properly this time.

____end____

Fri Jan 09 18:14:45 GMT 2015 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Jan 9 18:11:53 GMT 2015

Lots of lagging in socketcam. Communication with acsmotion suggests that the SPii plus failures we are seeing typically happen when the client application "hammers" the SPii with too many requests. Or the computer is overtaxed by some process with memory leaks or other problems. Perhaps the lagging and SPI crashes are related and caused by malware or something.

____end____

PSPT COMMENT BY berkey: Fri Jan 9 19:39:15 GMT 2015

Installed the pspt motor. But there appears to be a wiring issue in need of more troubleshooting since I can't seem to move it left.

____end____

KCOR COMMENT BY berkey: Fri Jan 9 19:40:17 GMT 2015

Stopping the SuperFetch services fixed a lot of the lagging. Since stopping superfetch the biggest lag value I have seen is 70

____end____

Fri Jan 09 20:55:44 GMT 2015 COMP End Patrol

Fri Jan 09 20:55:45 GMT 2015 COMP Start Patrol

Fri Jan 09 20:59:26 GMT 2015 KCOR End Patrol

Fri Jan 09 20:59:19 GMT 2015 COMP End Patrol

Fri Jan 09 21:01:56 GMT 2015 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jan 9 21:02:08 GMT 2015

Realigned sgs

____end____

Fri Jan 09 21:05:05 GMT 2015 KCOR Start Synoptic Patrol

Fri Jan 09 21:05:07 GMT 2015 KCOR End Patrol

Fri Jan 09 21:05:07 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Fri Jan 09 21:20:35 GMT 2015 KCOR End Calibration Script

Fri Jan 09 21:20:51 GMT 2015 KCOR Start Synoptic Patrol

Fri Jan 09 21:20:52 GMT 2015 KCOR Start Synoptic Patrol

Fri Jan 09 22:30:00 GMT 2015 KCOR End Patrol

KCOR COMMENT BY berkey: Fri Jan 9 23:14:28 GMT 2015

Tried to take some measurements for the IG. Aft optics box cover was removed and poked around with some tape measures.

____end____

Fri Jan 09 23:15:35 GMT 2015 KCOR Start Synoptic Patrol

Fri Jan 09 23:59:44 GMT 2015 COMP End Patrol

Fri Jan 09 23:59:44 GMT 2015 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 10 00:06:31 GMT 2015

Vog and some clouds coming up the mountain from the saddle

____end____

Sat Jan 10 00:32:45 GMT 2015 KCOR End Patrol

Sat Jan 10 00:32:44 GMT 2015 COMP End Patrol

Sat Jan 10 00:33:43 GMT 2015 COMP Start Patrol

Sat Jan 10 00:33:59 GMT 2015 KCOR Start Synoptic Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 10 00:33:31 GMT 2015
Realigned SGS

____end____

Sat Jan 10 00:34:30 GMT 2015 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 10 00:34:02 GMT 2015
Looks like we are getting enough clouds to degrade kcor

____end____

Sat Jan 10 01:02:37 GMT 2015 KCOR Start Synoptic Patrol

Sat Jan 10 01:28:10 GMT 2015 KCOR End Patrol

Sat Jan 10 01:28:43 GMT 2015 COMP End Patrol

PSPT COMMENT BY berkey: Sat Jan 10 01:28:01 GMT 2015

I think I miss-wired the pspt motor. Dome rotated but there was some smoke from the pr
odurding module (I tihnk there is a startup capictor under it), and some sort of liquid
(dielectric from the cap?) came out. I hope I didn't ruin a second motor; hopefully A
llen will know how to get this sorted out.

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 10 01:31:48 GMT 2015

Clouds came in so pausing instruments.

____end____

KCOR COMMENT BY berkey: Sat Jan 10 02:41:38 GMT 2015

With superfetech off (and now disabled) the spii crashes seemed to go away and teh frame
lagging was resonable 0-50ish.

:)

____end____

KCOR COMMENT BY berkey: Sat Jan 10 02:42:22 GMT 2015

Optics box was opened again this afternoon to get a couple more measuremnts for the IG.
These measuremnts will drive the new camera mounts to be installed later this year.

____end____