
Mauna Loa Solar Observatory Observer's Log

Fri Jan 24 17:13:00 GMT 2014

Year: 14 Doy: 024

Observer: berkey

WEATHER COMMENT: berkey: Fri Jan 24 17:13:03 GMT 2014

temp 42f, wind 18mph from the West, clear skies with a hugh lenticular cloud to the South east of the observatory.

____end____

Fri Jan 24 17:18:02 GMT 2014: PSPT Start Patrol

Fri Jan 24 17:18:06 GMT 2014: PSPT Abort Patrol

Fri Jan 24 17:18:10 GMT 2014: PSPT Abort Patrol

Fri Jan 24 17:18:14 GMT 2014: PSPT Abort Patrol

Fri Jan 24 17:37:25 GMT 2014: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jan 24 17:41:45 GMT 2014

Skies now overcast

____end____

Fri Jan 24 17:42:40 GMT 2014: PSPT Abort Patrol

Fri Jan 24 17:42:44 GMT 2014: PSPT Abort Patrol

Fri Jan 24 18:05:32 GMT 2014: PSPT Start Patrol

Fri Jan 24 18:30:35 GMT 2014 COMP Start Patrol

KCOR COMMENT BY berkey: Fri Jan 24 19:05:28 GMT 2014

Kcor computer just blue screened.

____end____

KCOR COMMENT BY berkey: Fri Jan 24 19:05:43 GMT 2014

I found a bug in the k-cor camera focus code this morning. The way I copied the camera focus fitting code to create the o1 focus fitting code; caused the camera fitter to point at the new O1 fitter instead of the proper camera fitting code. (I am not sure how to make that sentence sound less convoluted). The focus.vi has been fixed so that now the camera focus uses the camera fitter and the O1 focus uses the O1 fitter.

____end____

KCOR COMMENT BY berkey: Fri Jan 24 19:13:07 GMT 2014

socketcam got a circular buffer error

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jan 24 19:14:05 GMT 2014

Wind speed is increasing now 25mph from the West

____end____

KCOR COMMENT BY berkey: Fri Jan 24 19:14:49 GMT 2014

Quitting socketcam and restarting resolved buffer issue

____end____

Fri Jan 24 19:17:32 GMT 2014 KCOR Start Synoptic Patrol

Fri Jan 24 20:07:48 GMT 2014 KCOR End Patrol

Fri Jan 24 20:07:49 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Fri Jan 24 20:23:40 GMT 2014 KCOR End Calibration Script

Fri Jan 24 20:23:57 GMT 2014 KCOR Start Synoptic Patrol

Fri Jan 24 20:23:57 GMT 2014 KCOR Start Synoptic Patrol

Fri Jan 24 20:26:07 GMT 2014 COMP End Patrol

Fri Jan 24 20:26:08 GMT 2014 COMP Start Patrol

Fri Jan 24 20:31:28 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jan 24 20:44:11 GMT 2014

Re-centered sgs on kcor

____end____

Fri Jan 24 20:45:52 GMT 2014 COMP Start Patrol

Fri Jan 24 20:47:00 GMT 2014 COMP End Patrol

Fri Jan 24 22:06:03 GMT 2014: PSPT Start Patrol

Fri Jan 24 22:13:20 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Jan 24 22:08:56 GMT 2014

Tried to find the source of the extra reflection/defraction in Kcor. Initial midigation taken this morning was to replace one of the 1/4-20 screws in the Cal pol cover with with a shorter black screw, and replace the baffle retaining screw with a shorter screw that doesnt stick out into the beam train. Just now some black tape was added to the other Cal-pol bolt that is near the beam; but none of these interventions appear to be effective.

I just noticed that the O1 is very dirty with a large feature in the South-West side of the lens and a smaller more diffuse feature in the center of the lens. I think these blobs might be the cause of the features we are seeing.

____end____

Fri Jan 24 22:14:42 GMT 2014 COMP Start Patrol

Sat Jan 25 00:10:28 GMT 2014 COMP End Patrol

Sat Jan 25 00:10:29 GMT 2014 COMP Start Patrol

Sat Jan 25 00:16:14 GMT 2014 COMP End Patrol

Sat Jan 25 00:16:11 GMT 2014: PSPT Abort Patrol

Sat Jan 25 00:17:03 GMT 2014 KCOR End Patrol