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Mauna Loa Solar Observatory Observer's Log  
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Wed Aug 3 16:58:39 GMT 2011

Year: 11 Doy: 215

Observer: berkey

WEATHER COMMENT: Wed Aug 3 16:58:54 GMT 2011

clear skies, temp 54f, wind 13mph from SE

\_\_\_\_end\_\_\_\_

Wed Aug 3 17:17:17 GMT 2011 MKIV Start Patrol

Wed Aug 03 17:17:36 GMT 2011 H-ALPHA Start Patrol

Wed Aug 03 17:17:44 GMT 2011 H-ALPHA End Patrol

CoMP COMMENT BY BEN: Wed Aug 3 17:18:01 GMT 2011

CoMP warmed up yesterday it is down to -172now and cooling.

\_\_\_\_end\_\_\_\_

Wed Aug 3 17:19:07 GMT 2011 CHIP Start Patrol

Wed Aug 3 17:23:35 GMT 2011 MKIV End Patrol

Wed Aug 3 17:23:43 GMT 2011 MKIV Start Cal

Wed Aug 03 17:27:42 GMT 2011 H-ALPHA Start Patrol

Wed Aug 03 17:36:09 GMT 2011 COMP Start Patrol

Wed Aug 3 17:43:19 GMT 2011 MKIV End Cal

Wed Aug 3 17:43:25 GMT 2011 MKIV Start Patrol

CoMP COMMENT BY BEN: Wed Aug 3 17:48:06 GMT 2011

The hot pixel pattern seen on Monday has gong away. Maybe we just need to power cycle the Rockwell equipment next time we see lots of hot pixels

\_\_\_\_end\_\_\_\_

Wed Aug 3 18:01:46 GMT 2011 CHIP LSD

Wed Aug 3 18:03:21 GMT 2011 CHIP End LSD

Wed Aug 3 18:03:29 GMT 2011 CHIP BiasLSD

Wed Aug 3 18:04:07 GMT 2011 CHIP End BiasLSD

Wed Aug 3 18:04:15 GMT 2011 CHIP Bias

Wed Aug 3 18:04:52 GMT 2011 CHIP End Bias

Wed Aug 3 18:05:04 GMT 2011 CHIP ReStart Patrol

CoMP COMMENT BY BEN: Wed Aug 3 19:11:12 GMT 2011

The Lakeshore temperature monitor has been moved from the switched powersupply port 3 to a plug directly in the back of the UPS. We should now be able to monitor CoMP temperatures while the instrument is cooling without having to turn the camera on.

\_\_\_\_end\_\_\_\_

Wed Aug 3 20:22:41 GMT 2011 CHIP End Patrol

Wed Aug 03 20:37:50 GMT 2011 COMP End Patrol

Wed Aug 03 20:37:54 GMT 2011 COMP Start Patrol

Wed Aug 03 20:39:13 GMT 2011 COMP End Patrol

Wed Aug 03 20:41:44 GMT 2011 H-ALPHA End Patrol

NOTE BY BEN: Wed Aug 3 20:47:11 GMT 2011

Lower shutter moved down

\_\_\_\_end\_\_\_\_

Wed Aug 03 20:47:35 GMT 2011 H-ALPHA Start Patrol

Wed Aug 3 20:47:36 GMT 2011 CHIP Start Patrol

Wed Aug 3 20:48:08 GMT 2011 MKIV Start Patrol

GONG COMMENT BY BEN: Wed Aug 3 20:47:35 GMT 2011

MLgong-x station was crashed again this morning, similar to what happened with the pervious computer.

To test if it is a power issue causing the problem I ran an extension cable from mlgong-x to the main MLSO UPS (under the h-alpha station).

\_\_\_\_end\_\_\_\_

Wed Aug 03 20:59:06 GMT 2011 COMP Start Patrol

NOTE BY BEN: Wed Aug 3 20:59:27 GMT 2011

During shutter move, I added more LN2 to CoMP

\_\_\_\_end\_\_\_\_

Wed Aug 03 21:10:13 GMT 2011 COMP End Patrol

Wed Aug 03 21:13:19 GMT 2011 COMP Start Patrol

CoMP COMMENT BY BEN: Wed Aug 3 21:14:07 GMT 2011

recentered occulter

\_\_\_\_end\_\_\_\_

Wed Aug 3 21:16:54 GMT 2011: PSPT Start Patrol

MKIV COMMENT BY BEN: Wed Aug 3 21:32:58 GMT 2011

MK4 O1 Y axis railed in the negitive direction leading to some artifacts on the north of the last few images. IT is un st uck now and things look good agian.

\_\_\_\_end\_\_\_\_

Wed Aug 03 21:34:55 GMT 2011 COMP End Patrol

Wed Aug 03 21:35:44 GMT 2011 COMP Start Patrol

CoMP COMMENT BY BEN: Wed Aug 3 21:35:15 GMT 2011

Repointing comp again

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Wed Aug 3 22:45:14 GMT 2011

dome partially occulting comp

\_\_\_\_end\_\_\_\_

Wed Aug 3 23:02:46 GMT 2011 CHIP LSD

Wed Aug 3 23:04:23 GMT 2011 CHIP End LSD

Wed Aug 3 23:04:42 GMT 2011 CHIP BiasLSD

Wed Aug 3 23:05:33 GMT 2011 CHIP End BiasLSD

Wed Aug 3 23:05:42 GMT 2011 CHIP Bias

Wed Aug 3 23:06:17 GMT 2011 CHIP End Bias

Wed Aug 3 23:06:25 GMT 2011 CHIP ReStart Patrol

Wed Aug 03 23:27:50 GMT 2011 COMP End Patrol

Wed Aug 03 23:28:52 GMT 2011 COMP Start Patrol

NOTE BY BEN: Thu Aug 4 01:27:59 GMT 2011

We got cryo

\_\_\_\_end\_\_\_\_

GONG COMMENT BY BEN: Thu Aug 4 01:54:49 GMT 2011

mlgong-x crashed again. It uses the same external powersupply as the laptops. 19.5V 4.62A with positive pin and neagitive barrel.

I am doing a new test to see if the stataion crashes again using the mlso-2 lapotop powersupply

\_\_\_\_end\_\_\_\_

Thu Aug 4 02:02:56 GMT 2011 CHIP End Patrol

Thu Aug 04 02:02:49 GMT 2011 COMP End Patrol

Thu Aug 4 02:07:31 GMT 2011  
Thu Aug 4 02:15:30 GMT 2011

MKIV End Patrol

MkIV

00_00.rawmk4	01_43.rawmk4	18_57.rawmk4	20_48.rawmk4	22_34.rawmk4
00_03.rawmk4	01_46.rawmk4	19_00.rawmk4	20_51.rawmk4	22_37.rawmk4
00_06.rawmk4	01_48.rawmk4	19_03.rawmk4	20_54.rawmk4	22_40.rawmk4
00_09.rawmk4	01_51.rawmk4	19_06.rawmk4	20_57.rawmk4	22_43.rawmk4
00_11.rawmk4	01_54.rawmk4	19_09.rawmk4	20_59.rawmk4	22_46.rawmk4
00_14.rawmk4	01_57.rawmk4	19_12.rawmk4	21_02.rawmk4	22_49.rawmk4
00_17.rawmk4	02_00.rawmk4	19_15.rawmk4	21_05.rawmk4	22_52.rawmk4
00_20.rawmk4	17_17.rawmk4	19_18.rawmk4	21_08.rawmk4	22_55.rawmk4
00_23.rawmk4	17_20.rawmk4	19_21.rawmk4	21_11.rawmk4	22_58.rawmk4
00_26.rawmk4	17_33.rawmk4	19_24.rawmk4	21_14.rawmk4	23_01.rawmk4
00_29.rawmk4	17_39.rawmk4	19_27.rawmk4	21_17.rawmk4	23_04.rawmk4
00_32.rawmk4	17_43.rawmk4	19_30.rawmk4	21_20.rawmk4	23_07.rawmk4
00_35.rawmk4	17_46.rawmk4	19_33.rawmk4	21_23.rawmk4	23_10.rawmk4
00_38.rawmk4	17_49.rawmk4	19_36.rawmk4	21_26.rawmk4	23_13.rawmk4
00_41.rawmk4	17_55.rawmk4	19_38.rawmk4	21_29.rawmk4	23_16.rawmk4
00_44.rawmk4	17_59.rawmk4	19_41.rawmk4	21_32.rawmk4	23_19.rawmk4
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00_53.rawmk4	18_07.rawmk4	19_50.rawmk4	21_41.rawmk4	23_27.rawmk4
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01_07.rawmk4	18_22.rawmk4	20_05.rawmk4	21_55.rawmk4	23_42.rawmk4
01_10.rawmk4	18_25.rawmk4	20_08.rawmk4	21_58.rawmk4	23_45.rawmk4
01_13.rawmk4	18_28.rawmk4	20_11.rawmk4	22_01.rawmk4	23_48.rawmk4
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01_40.rawmk4	18_54.rawmk4	20_37.rawmk4	22_31.rawmk4	