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Mauna Loa Solar Observatory Observer's Log  
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Fri Jan 20 17:39:57 GMT 2012

Year: 12 Doy: 020

Observer: berkey

WEATHER COMMENT: Fri Jan 20 17:42:12 GMT 2012

Clear skies, temp 38f, wind 25mph from se

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

Fri Jan 20 17:49:41 GMT 2012 H-ALPHA Start Patrol  
Fri Jan 20 17:50:30 GMT 2012 CHIP Start Patrol  
Fri Jan 20 17:54:16 GMT 2012: PSPT Start Patrol  
Fri Jan 20 17:58:36 GMT 2012 COMP Start Patrol  
Fri Jan 20 18:00:02 GMT 2012 MKIV Start Patrol  
Fri Jan 20 18:02:47 GMT 2012 CHIP LSD  
Fri Jan 20 18:04:14 GMT 2012 CHIP End LSD  
Fri Jan 20 18:04:21 GMT 2012 CHIP BiasLSD  
Fri Jan 20 18:05:06 GMT 2012 CHIP End BiasLSD  
Fri Jan 20 18:05:21 GMT 2012 CHIP Bias  
Fri Jan 20 18:06:04 GMT 2012 CHIP End Bias  
Fri Jan 20 18:06:15 GMT 2012 CHIP ReStart Patrol

NOTE BY BEN: Fri Jan 20 18:26:27 GMT 2012

Kii crashed with a watch dog reset error.

To test the thermal assumption I borrowed an exhaust fan from the vysos project. Lets see if this prevents further crashes

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

Fri Jan 20 18:28:46 GMT 2012 CHIP End Patrol  
Fri Jan 20 18:31:56 GMT 2012 MKIV End Patrol  
Fri Jan 20 18:32:01 GMT 2012 MKIV Start Cal  
Fri Jan 20 18:33:12 GMT 2012 CHIP Start Patrol  
Fri Jan 20 18:51:57 GMT 2012 MKIV End Cal  
Fri Jan 20 18:52:03 GMT 2012 MKIV Start Patrol  
Fri Jan 20 20:45:39 GMT 2012 COMP End Patrol  
Fri Jan 20 20:46:23 GMT 2012 COMP Start Patrol

\*\*CHIP PROBLEM COMMENT BY BEN\*\*: Fri Jan 20 22:07:55 GMT 2012

kii crashed again with a watch dog fault. With the extra fan going all morning both processor heat sinks were cool to the touch.

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

Fri Jan 20 22:09:36 GMT 2012 CHIP End Patrol  
Fri Jan 20 22:22:49 GMT 2012 CHIP Start Patrol

NOTE BY BEN: Fri Jan 20 22:23:29 GMT 2012

swapped ram configuration, the sims that were in slot 1 and 3 are out, and what was in 5 and 6 moved to 1 and 2

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

\*\*CHIP PROBLEM COMMENT BY BEN\*\*: Fri Jan 20 22:24:57 GMT 2012

Kii crashed with a  
panic: Memory address alignmnet error

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

CHIP COMMENT BY BEN: Fri Jan 20 22:38:26 GMT 2012

Swapped memory config again.

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

Fri Jan 20 22:45:21 GMT 2012 CHIP Start Patrol

NOTE BY BEN: Fri Jan 20 22:58:21 GMT 2012

kii crashed again

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

Fri Jan 20 23:01:48 GMT 2012 CHIP End Patrol

Fri Jan 20 23:04:41 GMT 2012 CHIP Start Patrol

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Fri Jan 20 23:21:41 GMT 2012

CME launched at about 21ut near PA 300, seems to be associated with a large flare seen near the west limb about the same time.

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Fri Jan 20 23:29:17 GMT 2012

EPL at about 21:00 at PA 110.

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

Fri Jan 20 23:35:09 GMT 2012 COMP End Patrol

Fri Jan 20 23:35:12 GMT 2012 COMP Start Patrol

Fri Jan 20 23:36:33 GMT 2012 COMP End Patrol

Fri Jan 20 23:38:08 GMT 2012 COMP Start Patrol

Sat Jan 21 00:25:58 GMT 2012: PSPT Start Patrol

\*\*CHIP PROBLEM COMMENT BY BEN\*\*: Sat Jan 21 01:04:06 GMT 2012

kii crashed with a watchdog reset

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

Sat Jan 21 01:11:58 GMT 2012 CHIP Start Patrol

\*\*CHIP PROBLEM COMMENT BY BEN\*\*: Sat Jan 21 01:16:14 GMT 2012

kii crashed with a watchdog reset

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

CHIP COMMENT BY BEN: Sat Jan 21 01:20:30 GMT 2012

The fan has been off between 22:07->01:20 (not surprisingly) the bottom cpu heat sink got really hot. The fan is now back on, hopefully the system stays up for the next hour.

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

Sat Jan 21 01:26:38 GMT 2012 CHIP Start Patrol

Sat Jan 21 02:34:40 GMT 2012 COMP End Patrol

Sat Jan 21 02:34:42 GMT 2012 COMP Start Patrol

Sat Jan 21 02:34:59 GMT 2012 CHIP End Patrol

Sat Jan 21 02:36:51 GMT 2012 COMP End Patrol

Sat Jan 21 02:39:04 GMT 2012: PSPT Abort Patrol

Sat Jan 21 02:39:14 GMT 2012: PSPT Abort Patrol

Sat Jan 21 02:39:22 GMT 2012: PSPT Abort Patrol

Sat Jan 21 02:39:31 GMT 2012: PSPT Abort Patrol

Sat Jan 21 02:39:44 GMT 2012: PSPT Abort Patrol

Sat Jan 21 02:41:50 GMT 2012 MKIV End Patrol

Sat Jan 21 02:48:10 GMT 2012

MkIV

00\_01.rawmk4 01\_48.rawmk4 19\_06.rawmk4 20\_50.rawmk4 22\_29.rawmk4

00_03.rawmk4	01_51.rawmk4	19_09.rawmk4	20_52.rawmk4	22_32.rawmk4
00_06.rawmk4	01_54.rawmk4	19_12.rawmk4	20_55.rawmk4	22_35.rawmk4
00_09.rawmk4	01_57.rawmk4	19_15.rawmk4	20_58.rawmk4	22_38.rawmk4
00_12.rawmk4	02_00.rawmk4	19_18.rawmk4	21_01.rawmk4	22_41.rawmk4
00_15.rawmk4	02_03.rawmk4	19_21.rawmk4	21_04.rawmk4	22_44.rawmk4
00_18.rawmk4	02_06.rawmk4	19_24.rawmk4	21_07.rawmk4	22_47.rawmk4
00_21.rawmk4	02_09.rawmk4	19_27.rawmk4	21_10.rawmk4	22_50.rawmk4
00_27.rawmk4	02_12.rawmk4	19_30.rawmk4	21_13.rawmk4	22_53.rawmk4
00_31.rawmk4	02_15.rawmk4	19_33.rawmk4	21_16.rawmk4	22_56.rawmk4
00_34.rawmk4	02_18.rawmk4	19_36.rawmk4	21_19.rawmk4	22_59.rawmk4
00_37.rawmk4	02_20.rawmk4	19_37.rawmk4	21_22.rawmk4	23_02.rawmk4
00_40.rawmk4	02_23.rawmk4	19_41.rawmk4	21_25.rawmk4	23_05.rawmk4
00_43.rawmk4	02_26.rawmk4	19_44.rawmk4	21_28.rawmk4	23_08.rawmk4
00_46.rawmk4	02_29.rawmk4	19_47.rawmk4	21_31.rawmk4	23_11.rawmk4
00_48.rawmk4	02_32.rawmk4	19_50.rawmk4	21_34.rawmk4	23_14.rawmk4
00_51.rawmk4	02_35.rawmk4	19_53.rawmk4	21_37.rawmk4	23_17.rawmk4
00_54.rawmk4	02_38.rawmk4	19_56.rawmk4	21_39.rawmk4	23_19.rawmk4
00_57.rawmk4	18_00.rawmk4	19_59.rawmk4	21_42.rawmk4	23_22.rawmk4
01_00.rawmk4	18_04.rawmk4	20_02.rawmk4	21_45.rawmk4	23_25.rawmk4
01_03.rawmk4	18_07.rawmk4	20_05.rawmk4	21_48.rawmk4	23_28.rawmk4
01_06.rawmk4	18_10.rawmk4	20_08.rawmk4	21_51.rawmk4	23_31.rawmk4
01_09.rawmk4	18_13.rawmk4	20_13.rawmk4	21_54.rawmk4	23_34.rawmk4
01_12.rawmk4	18_16.rawmk4	20_17.rawmk4	21_57.rawmk4	23_37.rawmk4
01_15.rawmk4	18_19.rawmk4	20_20.rawmk4	22_00.rawmk4	23_40.rawmk4
01_18.rawmk4	18_21.rawmk4	20_23.rawmk4	22_03.rawmk4	23_43.rawmk4
01_21.rawmk4	18_27.rawmk4	20_26.rawmk4	22_06.rawmk4	23_46.rawmk4
01_24.rawmk4	18_35.rawmk4	20_29.rawmk4	22_09.rawmk4	23_49.rawmk4
01_30.rawmk4	18_48.rawmk4	20_32.rawmk4	22_12.rawmk4	23_52.rawmk4
01_33.rawmk4	18_52.rawmk4	20_35.rawmk4	22_15.rawmk4	23_55.rawmk4
01_36.rawmk4	18_55.rawmk4	20_38.rawmk4	22_18.rawmk4	23_58.rawmk4
01_39.rawmk4	18_57.rawmk4	20_41.rawmk4	22_21.rawmk4	c18_32.rawmk4
01_42.rawmk4	19_00.rawmk4	20_44.rawmk4	22_24.rawmk4	c18_38.rawmk4
01_45.rawmk4	19_03.rawmk4	20_47.rawmk4	22_26.rawmk4	c18_44.rawmk4