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Mauna Loa Solar Observatory Observer's Log  
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Wed Mar 14 17:27:07 GMT 2012

Year: 12 Doy: 074

Observer: berkey

Wed Mar 14 17:28:20 GMT 2012 H-ALPHA Start Patrol

Wed Mar 14 17:28:42 GMT 2012 MKIV Start Patrol

Wed Mar 14 17:29:28 GMT 2012 CHIP Start Patrol

WEATHER COMMENT: Wed Mar 14 17:28:00 GMT 2012

Clear skies, temp 42f, wind 10mph from se

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

\*\*COMP PROBLEM COMMENT BY BEN\*\*: Wed Mar 14 17:32:34 GMT 2012

COMP started to warm up last night, it was up to -128C when I got here this morning.

At some point during the last two days operating system patches were applied and the instrument computer rebooted. Because of this the Camera protection VI was not running.

I will look into automatically logging in the instrument control computers to prevent this in the future.

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

Wed Mar 14 17:41:41 GMT 2012 MKIV End Patrol

Wed Mar 14 17:45:52 GMT 2012 MKIV Start Patrol

NOTE BY BEN: Wed Mar 14 17:54:16 GMT 2012

The 2.5Hz spar RA wobble (as seen on the o-scope) seems stronger today than in recent memory.

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

NOTE BY BEN: Wed Mar 14 17:59:31 GMT 2012

MK4 Assembly PS2, powersupply has an extra loud buzz that seems to be coupling a 60Hz vibration into the spar

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

Wed Mar 14 18:02:35 GMT 2012 Wed Mar 14 18:02:45 GMT 2012 CHIP LSD

: PSPT Start Patrol

Wed Mar 14 18:04:41 GMT 2012 CHIP End LSD

Wed Mar 14 18:04:49 GMT 2012 CHIP BiasLSD

Wed Mar 14 18:05:40 GMT 2012 CHIP End BiasLSD

Wed Mar 14 18:05:51 GMT 2012 CHIP Bias

Wed Mar 14 18:06:37 GMT 2012 CHIP End Bias

Wed Mar 14 18:06:49 GMT 2012 CHIP ReStart Patrol

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Wed Mar 14 18:09:32 GMT 2012

Looks like a fast epl launched about 17:37 PA300 from the over-active active region that is been in the news all week

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

Wed Mar 14 18:10:53 GMT 2012 COMP Start Patrol

Wed Mar 14 19:14:20 GMT 2012 MKIV End Patrol

Wed Mar 14 19:14:25 GMT 2012 MKIV Start Cal

Wed Mar 14 19:33:08 GMT 2012 MKIV End Cal

Wed Mar 14 19:33:14 GMT 2012 MKIV Start Patrol

Wed Mar 14 20:57:24 GMT 2012 CHIP End Patrol

Wed Mar 14 20:57:08 GMT 2012 COMP End Patrol

Wed Mar 14 20:59:33 GMT 2012 H-ALPHA End Patrol

Wed Mar 14 21:02:46 GMT 2012 MKIV End Patrol

Wed Mar 14 21:09:42 GMT 2012 MKIV Start Patrol

Wed Mar 14 21:09:49 GMT 2012 H-ALPHA Start Patrol

Wed Mar 14 21:10:17 GMT 2012 CHIP Start Patrol

Wed Mar 14 21:10:38 GMT 2012 COMP Start Patrol

NOTE BY BEN: Wed Mar 14 21:11:49 GMT 2012

bottom shutter moved down

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

NOTE BY BEN: Wed Mar 14 21:49:26 GMT 2012

Both COMP and H-alpha control computers should come back to an observing state after a reboot now.

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

Wed Mar 14 23:01:51 GMT 2012 CHIP LSD

Wed Mar 14 23:03:41 GMT 2012 CHIP End LSD

Wed Mar 14 23:03:50 GMT 2012 CHIP BiasLSD

Wed Mar 14 23:04:29 GMT 2012 CHIP End BiasLSD

Wed Mar 14 23:04:41 GMT 2012 CHIP Bias

Wed Mar 14 23:05:16 GMT 2012 CHIP End Bias

Wed Mar 14 23:05:25 GMT 2012 CHIP ReStart Patrol

NOTE BY BEN: Wed Mar 14 23:52:53 GMT 2012

Added a lamp to the gong turret; to help warm it up over the cold nights. Hopefully this solves the RA pitch oscillations

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

Wed Mar 14 23:57:38 GMT 2012 COMP End Patrol

Wed Mar 14 23:57:41 GMT 2012 COMP Start Patrol

Thu Mar 15 00:03:12 GMT 2012 CHIP End Patrol

Thu Mar 15 00:03:19 GMT 2012 COMP End Patrol

Thu Mar 15 00:05:33 GMT 2012 H-ALPHA End Patrol

Thu Mar 15 00:06:26 GMT 2012 MKIV End Patrol

Thu Mar 15 00:11:26 GMT 2012 MKIV Start Patrol

Thu Mar 15 00:11:34 GMT 2012 H-ALPHA Start Patrol

Thu Mar 15 00:12:01 GMT 2012 CHIP Start Patrol

NOTE BY BEN: Thu Mar 15 00:12:07 GMT 2012

Bottom shutter moved up

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Thu Mar 15 00:13:27 GMT 2012

Large epl launched near PA300 at about 22:50

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

Thu Mar 15 00:16:21 GMT 2012 COMP Start Patrol

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Thu Mar 15 01:42:19 GMT 2012

CME appears to have launched at 01:29 from the active region near PA300

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Thu Mar 15 01:44:57 GMT 2012

Looks like there is nice rotation of the core of that cme

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

Thu Mar 15 03:05:58 GMT 2012 CHIP End Patrol

Thu Mar 15 03:05:40 GMT 2012 COMP End Patrol

Thu Mar 15 03:07:07 GMT 2012 H-ALPHA End Patrol

Thu Mar 15 03:10:11 GMT 2012 MKIV End Patrol

Thu Mar 15 03:15:26 GMT 2012

MkIV

00\_00.rawmk4 01\_58.rawmk4 18\_21.rawmk4 20\_27.rawmk4 22\_26.rawmk4

00_03.rawmk4	02_01.rawmk4	18_24.rawmk4	20_29.rawmk4	22_29.rawmk4
00_11.rawmk4	02_04.rawmk4	18_27.rawmk4	20_32.rawmk4	22_32.rawmk4
00_14.rawmk4	02_07.rawmk4	18_29.rawmk4	20_35.rawmk4	22_35.rawmk4
00_17.rawmk4	02_10.rawmk4	18_32.rawmk4	20_38.rawmk4	22_37.rawmk4
00_20.rawmk4	02_13.rawmk4	18_35.rawmk4	20_41.rawmk4	22_40.rawmk4
00_23.rawmk4	02_16.rawmk4	18_38.rawmk4	20_44.rawmk4	22_43.rawmk4
00_26.rawmk4	02_19.rawmk4	18_41.rawmk4	20_47.rawmk4	22_46.rawmk4
00_29.rawmk4	02_21.rawmk4	18_44.rawmk4	20_50.rawmk4	22_49.rawmk4
00_31.rawmk4	02_24.rawmk4	18_47.rawmk4	20_53.rawmk4	22_52.rawmk4
00_34.rawmk4	02_27.rawmk4	18_50.rawmk4	20_56.rawmk4	22_55.rawmk4
00_38.rawmk4	02_30.rawmk4	18_53.rawmk4	20_59.rawmk4	22_58.rawmk4
00_42.rawmk4	02_33.rawmk4	18_56.rawmk4	21_09.rawmk4	23_01.rawmk4
00_44.rawmk4	02_36.rawmk4	18_59.rawmk4	21_12.rawmk4	23_04.rawmk4
00_47.rawmk4	02_39.rawmk4	19_02.rawmk4	21_15.rawmk4	23_07.rawmk4
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00_59.rawmk4	02_55.rawmk4	19_17.rawmk4	21_27.rawmk4	23_19.rawmk4
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01_49.rawmk4	18_12.rawmk4	20_18.rawmk4	22_17.rawmk4	
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01_55.rawmk4	18_18.rawmk4	20_24.rawmk4	22_23.rawmk4	