
Mauna Loa Solar Observatory Observer's Log

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 th
 is 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 rotatation 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
00_50.rawmk4	02_42.rawmk4	19_05.rawmk4	21_18.rawmk4	23_10.rawmk4
00_53.rawmk4	02_45.rawmk4	19_08.rawmk4	21_21.rawmk4	23_13.rawmk4
00_56.rawmk4	02_51.rawmk4	19_11.rawmk4	21_24.rawmk4	23_16.rawmk4
00_59.rawmk4	02_55.rawmk4	19_17.rawmk4	21_27.rawmk4	23_19.rawmk4
01_02.rawmk4	02_58.rawmk4	19_23.rawmk4	21_30.rawmk4	23_21.rawmk4
01_05.rawmk4	03_00.rawmk4	19_29.rawmk4	21_33.rawmk4	23_24.rawmk4
01_08.rawmk4	03_03.rawmk4	19_33.rawmk4	21_36.rawmk4	23_27.rawmk4
01_11.rawmk4	03_06.rawmk4	19_36.rawmk4	21_39.rawmk4	23_30.rawmk4
01_14.rawmk4	17_28.rawmk4	19_39.rawmk4	21_42.rawmk4	23_33.rawmk4
01_17.rawmk4	17_31.rawmk4	19_42.rawmk4	21_45.rawmk4	23_36.rawmk4
01_20.rawmk4	17_37.rawmk4	19_44.rawmk4	21_48.rawmk4	23_39.rawmk4
01_23.rawmk4	17_45.rawmk4	19_47.rawmk4	21_50.rawmk4	23_42.rawmk4
01_26.rawmk4	17_48.rawmk4	19_50.rawmk4	21_53.rawmk4	23_45.rawmk4
01_29.rawmk4	17_51.rawmk4	19_53.rawmk4	21_56.rawmk4	23_48.rawmk4
01_32.rawmk4	17_54.rawmk4	19_59.rawmk4	21_59.rawmk4	23_51.rawmk4
01_34.rawmk4	17_57.rawmk4	20_03.rawmk4	22_02.rawmk4	23_54.rawmk4
01_37.rawmk4	18_00.rawmk4	20_06.rawmk4	22_05.rawmk4	23_57.rawmk4
01_40.rawmk4	18_03.rawmk4	20_09.rawmk4	22_08.rawmk4	c19_14.rawmk4

01_43.rawmk4	18_06.rawmk4	20_12.rawmk4	22_11.rawmk4	c19_20.rawmk4
01_46.rawmk4	18_09.rawmk4	20_15.rawmk4	22_14.rawmk4	c19_26.rawmk4
01_49.rawmk4	18_12.rawmk4	20_18.rawmk4	22_17.rawmk4	
01_52.rawmk4	18_15.rawmk4	20_21.rawmk4	22_20.rawmk4	
01_55.rawmk4	18_18.rawmk4	20_24.rawmk4	22_23.rawmk4	