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Mauna Loa Solar Observatory Observer's Log  
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Wed Apr 21 16:55:46 GMT 2010

Year: 10 Doy: 111

Observer: berkey

NOTE BY BEN: Wed Apr 21 17:00:55 GMT 2010

Akamai display crashed again, resetting VME

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

WEATHER COMMENT: Wed Apr 21 17:02:19 GMT 2010

Clear skies, temp 41F, wind 5mph from the south

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

Wed Apr 21 17:03:08 GMT 2010 MKIV Start Patrol  
Wed Apr 21 17:03:06 GMT 2010 CHIP Start Patrol  
Wed Apr 21 18:00:47 GMT 2010 CHIP LSD  
Wed Apr 21 18:02:27 GMT 2010 CHIP End LSD  
Wed Apr 21 18:02:37 GMT 2010 CHIP BiasLSD  
Wed Apr 21 18:03:25 GMT 2010 CHIP End BiasLSD  
Wed Apr 21 18:03:34 GMT 2010 CHIP Bias  
Wed Apr 21 18:04:19 GMT 2010 CHIP End Bias  
Wed Apr 21 18:04:26 GMT 2010 CHIP ReStart Patrol  
Wed Apr 21 18:09:12 GMT 2010 MKIV End Patrol  
Wed Apr 21 18:09:25 GMT 2010 MKIV Start Cal  
Wed Apr 21 18:28:14 GMT 2010 MKIV End Cal  
Wed Apr 21 18:28:25 GMT 2010 MKIV Start Patrol

NOTE BY DARRYL: Wed Apr 21 19:53:50 GMT 2010

Extended the dome slot.

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

Wed Apr 21 20:12:04 GMT 2010 CHIP End Patrol

NOTE BY DARRYL: Wed Apr 21 20:11:50 GMT 2010

The backhoe guys are here and starting again today, they are digging a seismic vault for the Pacific Tsunami Warning Center. Unfortunately the wind is variable and coming from that direction today. I closed the domes and will monitor the situation.

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

Wed Apr 21 20:14:28 GMT 2010 MKIV End Patrol  
Wed Apr 21 21:39:27 GMT 2010 MKIV Start Patrol  
Wed Apr 21 21:39:50 GMT 2010 CHIP Start Patrol

NOTE BY DARRYL: Wed Apr 21 21:50:57 GMT 2010

The backhoe guys are taking a lunch break, we restarted the instruments.

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

Wed Apr 21 22:12:31 GMT 2010 CHIP End Patrol

NOTE BY DARRYL: Wed Apr 21 22:13:36 GMT 2010

Pausing instruments and closing the domes because the backhoe guys are back from lunch and the wind is still blowing towards us from them.

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

Wed Apr 21 22:15:08 GMT 2010 MKIV End Patrol  
H-ALPHA COMMENT BY BEN: Wed Apr 21 22:29:31 GMT 2010

Some testing was performed with the H-alpha camera to reduce the intensity cycling we see during the day. It appears that the problem was related to bad integration time sent to the camera. A fix was put in place at 21:47UT which appears to completely

solve the cycling. And as an added side benefit it also appears to correct the integration times in the fits headers.

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

Wed Apr 21 23:59:41 GMT 2010 MKIV Start Patrol

Thu Apr 22 00:00:05 GMT 2010 CHIP Start Patrol

NOTE BY DARRYL: Thu Apr 22 00:00:36 GMT 2010

The Backhoe is being repaired, restarting instruments.

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

\*\*PSPT PROBLEM COMMENT BY BEN\*\* : Thu Apr 22 00:19:31 GMT 2010

No solar image. Abort/restart to get it back

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

Thu Apr 22 00:29:28 GMT 2010 CHIP End Patrol

Thu Apr 22 00:35:13 GMT 2010 MKIV End Patrol

Thu Apr 22 00:35:20 GMT 2010

MkIV

00_02.rawmk4	17_24.rawmk4	18_28.rawmk4	19_21.rawmk4	21_39.rawmk4
00_05.rawmk4	17_27.rawmk4	18_31.rawmk4	19_24.rawmk4	21_42.rawmk4
00_08.rawmk4	17_30.rawmk4	18_34.rawmk4	19_27.rawmk4	21_45.rawmk4
00_11.rawmk4	17_33.rawmk4	18_37.rawmk4	19_30.rawmk4	21_48.rawmk4
00_14.rawmk4	17_36.rawmk4	18_40.rawmk4	19_33.rawmk4	21_51.rawmk4
00_17.rawmk4	17_39.rawmk4	18_43.rawmk4	19_35.rawmk4	21_54.rawmk4
00_20.rawmk4	17_42.rawmk4	18_46.rawmk4	19_38.rawmk4	21_57.rawmk4
00_23.rawmk4	17_45.rawmk4	18_49.rawmk4	19_41.rawmk4	22_00.rawmk4
00_26.rawmk4	17_48.rawmk4	18_51.rawmk4	19_44.rawmk4	22_02.rawmk4
00_29.rawmk4	17_51.rawmk4	18_54.rawmk4	19_47.rawmk4	22_05.rawmk4
00_32.rawmk4	17_54.rawmk4	18_57.rawmk4	19_50.rawmk4	22_08.rawmk4
17_04.rawmk4	17_57.rawmk4	19_00.rawmk4	19_53.rawmk4	22_11.rawmk4
17_07.rawmk4	18_00.rawmk4	19_03.rawmk4	19_56.rawmk4	23_59.rawmk4
17_10.rawmk4	18_03.rawmk4	19_06.rawmk4	19_59.rawmk4	c18_09.rawmk4
17_12.rawmk4	18_06.rawmk4	19_09.rawmk4	20_02.rawmk4	c18_15.rawmk4
17_15.rawmk4	18_12.rawmk4	19_12.rawmk4	20_05.rawmk4	c18_21.rawmk4
17_18.rawmk4	18_18.rawmk4	19_15.rawmk4	20_08.rawmk4	
17_21.rawmk4	18_24.rawmk4	19_18.rawmk4	20_11.rawmk4	