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Mauna Loa Solar Observatory Observer's Log  
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Sun Feb 10 17:13:31 GMT 2013

Year: 13 Doy: 041

Observer: waters

WEATHER COMMENT: Sun Feb 10 17:13:59 GMT 2013

Clear skies, temp 34f, windspeed 10mph from the North.

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

Sun Feb 10 17:24:16 GMT 2013: PSPT Start Patrol  
Sun Feb 10 17:26:39 GMT 2013 CHIP Start Patrol  
Sun Feb 10 17:33:05 GMT 2013 COMP Start Patrol  
Sun Feb 10 17:50:41 GMT 2013 MKIV Start Patrol  
Sun Feb 10 18:02:45 GMT 2013 CHIP LSD  
Sun Feb 10 18:04:44 GMT 2013 CHIP End LSD  
Sun Feb 10 18:04:52 GMT 2013 CHIP BiasLSD  
Sun Feb 10 18:05:35 GMT 2013 CHIP End BiasLSD  
Sun Feb 10 18:05:43 GMT 2013 CHIP Bias  
Sun Feb 10 18:06:37 GMT 2013 CHIP End Bias  
Sun Feb 10 18:06:44 GMT 2013 CHIP ReStart Patrol  
Sun Feb 10 19:25:17 GMT 2013 MKIV End Patrol  
Sun Feb 10 19:25:22 GMT 2013 MKIV Start Cal  
Sun Feb 10 19:44:12 GMT 2013 MKIV End Cal  
Sun Feb 10 19:44:22 GMT 2013 MKIV Start Patrol  
Sun Feb 10 20:32:00 GMT 2013 COMP End Patrol  
Sun Feb 10 20:32:04 GMT 2013 COMP Start Patrol

NOTE BY LISA: Sun Feb 10 21:41:09 GMT 2013

Starting Shabar test for Steve: brisk wind blowing in, windspeed about 10mph from the east.

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

Sun Feb 10 22:45:35 GMT 2013: PSPT Start Patrol  
Sun Feb 10 23:00:51 GMT 2013 CHIP LSD  
Sun Feb 10 23:02:42 GMT 2013 CHIP End LSD  
Sun Feb 10 23:02:56 GMT 2013 CHIP BiasLSD  
Sun Feb 10 23:03:35 GMT 2013 CHIP End BiasLSD  
Sun Feb 10 23:03:43 GMT 2013 CHIP Bias  
Sun Feb 10 23:04:30 GMT 2013 CHIP End Bias  
Sun Feb 10 23:04:44 GMT 2013 CHIP ReStart Patrol  
Sun Feb 10 23:30:29 GMT 2013 COMP End Patrol  
Sun Feb 10 23:30:31 GMT 2013 COMP Start Patrol

NOTE BY LISA: Sun Feb 10 23:45:04 GMT 2013

Ending Shabar test. Closing doors.

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

Sun Feb 10 23:51:16 GMT 2013: PSPT Start Patrol

Mon Feb 11 00:57:08 GMT 2013

MkIV

00\_01.rawmk4 18\_23.rawmk4 19\_59.rawmk4 21\_24.rawmk4 22\_57.rawmk4

00\_04.rawmk4 18\_26.rawmk4 20\_02.rawmk4 21\_27.rawmk4 22\_59.rawmk4

00_07.rawmk4	18_29.rawmk4	20_04.rawmk4	21_30.rawmk4	23_02.rawmk4
00_10.rawmk4	18_32.rawmk4	20_07.rawmk4	21_33.rawmk4	23_05.rawmk4
00_13.rawmk4	18_34.rawmk4	20_10.rawmk4	21_36.rawmk4	23_08.rawmk4
00_16.rawmk4	18_37.rawmk4	20_13.rawmk4	21_41.rawmk4	23_11.rawmk4
00_19.rawmk4	18_40.rawmk4	20_16.rawmk4	21_45.rawmk4	23_14.rawmk4
00_22.rawmk4	18_43.rawmk4	20_19.rawmk4	21_48.rawmk4	23_17.rawmk4
00_25.rawmk4	18_46.rawmk4	20_22.rawmk4	21_51.rawmk4	23_20.rawmk4
00_28.rawmk4	18_49.rawmk4	20_25.rawmk4	21_54.rawmk4	23_23.rawmk4
00_31.rawmk4	18_52.rawmk4	20_28.rawmk4	21_57.rawmk4	23_26.rawmk4
00_33.rawmk4	18_55.rawmk4	20_31.rawmk4	22_00.rawmk4	23_29.rawmk4
00_36.rawmk4	18_58.rawmk4	20_34.rawmk4	22_03.rawmk4	23_32.rawmk4
00_40.rawmk4	19_01.rawmk4	20_37.rawmk4	22_06.rawmk4	23_35.rawmk4
00_42.rawmk4	19_04.rawmk4	20_40.rawmk4	22_09.rawmk4	23_38.rawmk4
00_45.rawmk4	19_07.rawmk4	20_43.rawmk4	22_12.rawmk4	23_41.rawmk4
00_48.rawmk4	19_10.rawmk4	20_46.rawmk4	22_15.rawmk4	23_44.rawmk4
00_51.rawmk4	19_13.rawmk4	20_48.rawmk4	22_18.rawmk4	23_47.rawmk4
17_50.rawmk4	19_16.rawmk4	20_51.rawmk4	22_21.rawmk4	23_50.rawmk4
17_53.rawmk4	19_19.rawmk4	20_54.rawmk4	22_23.rawmk4	23_52.rawmk4
17_56.rawmk4	19_22.rawmk4	20_57.rawmk4	22_26.rawmk4	23_55.rawmk4
17_59.rawmk4	19_28.rawmk4	21_00.rawmk4	22_32.rawmk4	23_58.rawmk4
18_02.rawmk4	19_34.rawmk4	21_03.rawmk4	22_34.rawmk4	c19_25.rawmk4
18_05.rawmk4	19_40.rawmk4	21_06.rawmk4	22_39.rawmk4	c19_31.rawmk4
18_08.rawmk4	19_44.rawmk4	21_09.rawmk4	22_42.rawmk4	c19_37.rawmk4
18_11.rawmk4	19_47.rawmk4	21_12.rawmk4	22_45.rawmk4	
18_14.rawmk4	19_50.rawmk4	21_15.rawmk4	22_48.rawmk4	
18_17.rawmk4	19_53.rawmk4	21_18.rawmk4	22_51.rawmk4	
18_20.rawmk4	19_56.rawmk4	21_21.rawmk4	22_54.rawmk4	

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Mauna Loa Solar Observatory Observer's Log  
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Mon Feb 11 00:58:27 GMT 2013

Year: 13 Doy: 042

Observer: waters

Mon Feb 11 00:58:59 GMT 2013 MKIV Start Patrol

Mon Feb 11 01:04:14 GMT 2013

MkIV

00_01.rawmk4	18_23.rawmk4	19_59.rawmk4	21_24.rawmk4	22_57.rawmk4
00_04.rawmk4	18_26.rawmk4	20_02.rawmk4	21_27.rawmk4	22_59.rawmk4
00_07.rawmk4	18_29.rawmk4	20_04.rawmk4	21_30.rawmk4	23_02.rawmk4
00_10.rawmk4	18_32.rawmk4	20_07.rawmk4	21_33.rawmk4	23_05.rawmk4
00_13.rawmk4	18_34.rawmk4	20_10.rawmk4	21_36.rawmk4	23_08.rawmk4
00_16.rawmk4	18_37.rawmk4	20_13.rawmk4	21_41.rawmk4	23_11.rawmk4
00_19.rawmk4	18_40.rawmk4	20_16.rawmk4	21_45.rawmk4	23_14.rawmk4
00_22.rawmk4	18_43.rawmk4	20_19.rawmk4	21_48.rawmk4	23_17.rawmk4
00_25.rawmk4	18_46.rawmk4	20_22.rawmk4	21_51.rawmk4	23_20.rawmk4
00_28.rawmk4	18_49.rawmk4	20_25.rawmk4	21_54.rawmk4	23_23.rawmk4
00_31.rawmk4	18_52.rawmk4	20_28.rawmk4	21_57.rawmk4	23_26.rawmk4

00_33.rawmk4	18_55.rawmk4	20_31.rawmk4	22_00.rawmk4	23_29.rawmk4
00_36.rawmk4	18_58.rawmk4	20_34.rawmk4	22_03.rawmk4	23_32.rawmk4
00_40.rawmk4	19_01.rawmk4	20_37.rawmk4	22_06.rawmk4	23_35.rawmk4
00_42.rawmk4	19_04.rawmk4	20_40.rawmk4	22_09.rawmk4	23_38.rawmk4
00_45.rawmk4	19_07.rawmk4	20_43.rawmk4	22_12.rawmk4	23_41.rawmk4
00_48.rawmk4	19_10.rawmk4	20_46.rawmk4	22_15.rawmk4	23_44.rawmk4
00_51.rawmk4	19_13.rawmk4	20_48.rawmk4	22_18.rawmk4	23_47.rawmk4
17_50.rawmk4	19_16.rawmk4	20_51.rawmk4	22_21.rawmk4	23_50.rawmk4
17_53.rawmk4	19_19.rawmk4	20_54.rawmk4	22_23.rawmk4	23_52.rawmk4
17_56.rawmk4	19_22.rawmk4	20_57.rawmk4	22_26.rawmk4	23_55.rawmk4
17_59.rawmk4	19_28.rawmk4	21_00.rawmk4	22_32.rawmk4	23_58.rawmk4
18_02.rawmk4	19_34.rawmk4	21_03.rawmk4	22_34.rawmk4	c19_25.rawmk4
18_05.rawmk4	19_40.rawmk4	21_06.rawmk4	22_39.rawmk4	c19_31.rawmk4
18_08.rawmk4	19_44.rawmk4	21_09.rawmk4	22_42.rawmk4	c19_37.rawmk4
18_11.rawmk4	19_47.rawmk4	21_12.rawmk4	22_45.rawmk4	
18_14.rawmk4	19_50.rawmk4	21_15.rawmk4	22_48.rawmk4	
18_17.rawmk4	19_53.rawmk4	21_18.rawmk4	22_51.rawmk4	
18_20.rawmk4	19_56.rawmk4	21_21.rawmk4	22_54.rawmk4	

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Mauna Loa Solar Observatory Observer's Log  
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Mon Feb 11 01:04:44 GMT 2013

Year: 13 Doy: 042

Observer: waters

Mon Feb 11 01:05:00 GMT 2013 MKIV Start Patrol

\*\*MKIV PROBLEM COMMENT BY LISA\*\*: Mon Feb 11 01:00:48 GMT 2013

Rebooted Akami, then tried power cycling KCC to try a correct spiking in MK4. The power cycle seemed to have helped the im age.

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

Mon Feb 11 01:41:40 GMT 2013: PSPT Abort Patrol

Mon Feb 11 01:41:50 GMT 2013 Mon Feb 11 01:41:59 GMT 2013 COMP End Patrol

: PSPT Abort Patrol

Mon Feb 11 01:43:52 GMT 2013 CHIP End Patrol

Mon Feb 11 01:46:29 GMT 2013 MKIV End Patrol

NOTE BY BEN: Mon Feb 11 01:49:14 GMT 2013

Deleting 2012 shabar data from laptop since disk is very full

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

Mon Feb 11 02:01:15 GMT 2013

MkIV

00_01.rawmk4	01_43.rawmk4	19_19.rawmk4	21_00.rawmk4	22_39.rawmk4
00_04.rawmk4	17_50.rawmk4	19_22.rawmk4	21_03.rawmk4	22_42.rawmk4
00_07.rawmk4	17_53.rawmk4	19_28.rawmk4	21_06.rawmk4	22_45.rawmk4
00_10.rawmk4	17_56.rawmk4	19_34.rawmk4	21_09.rawmk4	22_48.rawmk4
00_13.rawmk4	17_59.rawmk4	19_40.rawmk4	21_12.rawmk4	22_51.rawmk4
00_16.rawmk4	18_02.rawmk4	19_44.rawmk4	21_15.rawmk4	22_54.rawmk4
00_19.rawmk4	18_05.rawmk4	19_47.rawmk4	21_18.rawmk4	22_57.rawmk4
00_22.rawmk4	18_08.rawmk4	19_50.rawmk4	21_21.rawmk4	22_59.rawmk4

00_25.rawmk4	18_11.rawmk4	19_53.rawmk4	21_24.rawmk4	23_02.rawmk4
00_28.rawmk4	18_14.rawmk4	19_56.rawmk4	21_27.rawmk4	23_05.rawmk4
00_31.rawmk4	18_17.rawmk4	19_59.rawmk4	21_30.rawmk4	23_08.rawmk4
00_33.rawmk4	18_20.rawmk4	20_02.rawmk4	21_33.rawmk4	23_11.rawmk4
00_36.rawmk4	18_23.rawmk4	20_04.rawmk4	21_36.rawmk4	23_14.rawmk4
00_40.rawmk4	18_26.rawmk4	20_07.rawmk4	21_41.rawmk4	23_17.rawmk4
00_42.rawmk4	18_29.rawmk4	20_10.rawmk4	21_45.rawmk4	23_20.rawmk4
00_45.rawmk4	18_32.rawmk4	20_13.rawmk4	21_48.rawmk4	23_23.rawmk4
00_48.rawmk4	18_34.rawmk4	20_16.rawmk4	21_51.rawmk4	23_26.rawmk4
00_51.rawmk4	18_37.rawmk4	20_19.rawmk4	21_54.rawmk4	23_29.rawmk4
01_05.rawmk4	18_40.rawmk4	20_22.rawmk4	21_57.rawmk4	23_32.rawmk4
01_08.rawmk4	18_43.rawmk4	20_25.rawmk4	22_00.rawmk4	23_35.rawmk4
01_10.rawmk4	18_46.rawmk4	20_28.rawmk4	22_03.rawmk4	23_38.rawmk4
01_13.rawmk4	18_49.rawmk4	20_31.rawmk4	22_06.rawmk4	23_41.rawmk4
01_16.rawmk4	18_52.rawmk4	20_34.rawmk4	22_09.rawmk4	23_44.rawmk4
01_19.rawmk4	18_55.rawmk4	20_37.rawmk4	22_12.rawmk4	23_47.rawmk4
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01_25.rawmk4	19_01.rawmk4	20_43.rawmk4	22_18.rawmk4	23_52.rawmk4
01_28.rawmk4	19_04.rawmk4	20_46.rawmk4	22_21.rawmk4	23_55.rawmk4
01_31.rawmk4	19_07.rawmk4	20_48.rawmk4	22_23.rawmk4	23_58.rawmk4
01_34.rawmk4	19_10.rawmk4	20_51.rawmk4	22_26.rawmk4	c19_25.rawmk4
01_37.rawmk4	19_13.rawmk4	20_54.rawmk4	22_32.rawmk4	c19_31.rawmk4
01_40.rawmk4	19_16.rawmk4	20_57.rawmk4	22_34.rawmk4	c19_37.rawmk4