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Mauna Loa Solar Observatory Observer's Log  
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Fri Apr 12 16:39:21 GMT 2013

Year: 13 Doy: 102

Observer: berkey

Fri Apr 12 16:44:52 GMT 2013 CHIP Start Patrol

WEATHER COMMENT: Fri Apr 12 16:46:56 GMT 2013

temp 36f, wind 7mph from SW, patchy cirrus in the east with light haze over the whole sky.

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

Fri Apr 12 16:52:54 GMT 2013: PSPT Start Patrol

Fri Apr 12 16:55:06 GMT 2013 COMP Start Patrol

Fri Apr 12 17:00:48 GMT 2013 MKIV Start Patrol

NOTE BY BEN: Fri Apr 12 17:00:48 GMT 2013

Sky transmission display dark again.

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

Fri Apr 12 18:02:44 GMT 2013 CHIP LSD

Fri Apr 12 18:04:38 GMT 2013 CHIP End LSD

Fri Apr 12 18:04:46 GMT 2013 CHIP BiasLSD

Fri Apr 12 18:05:25 GMT 2013 CHIP End BiasLSD

Fri Apr 12 18:05:41 GMT 2013 CHIP Bias

Fri Apr 12 18:06:38 GMT 2013 CHIP End Bias

Fri Apr 12 18:06:48 GMT 2013 CHIP ReStart Patrol

NOTE BY BEN: Fri Apr 12 18:35:30 GMT 2013

Made a large adjustment to the southern ADR sensor to better accommodate shabar. I think the previous adjustments to ADR sensor didn't "take" because the ADR wires touched the sensor back to the old position. This torque should be mitigated by a slightly

different clamp position.

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

Fri Apr 12 19:49:50 GMT 2013 MKIV End Patrol

Fri Apr 12 19:49:55 GMT 2013 MKIV Start Cal

Fri Apr 12 19:53:55 GMT 2013 COMP End Patrol

Fri Apr 12 19:53:56 GMT 2013 COMP Start Patrol

Fri Apr 12 20:08:45 GMT 2013 MKIV End Cal

Fri Apr 12 20:10:51 GMT 2013 CHIP End Patrol

Fri Apr 12 20:11:22 GMT 2013 COMP End Patrol

Fri Apr 12 20:18:37 GMT 2013 MKIV Start Patrol

NOTE BY BEN: Fri Apr 12 20:18:58 GMT 2013

Shutter reconfigured

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

Fri Apr 12 20:18:57 GMT 2013 CHIP Start Patrol

Fri Apr 12 20:19:33 GMT 2013 COMP Start Patrol

NOTE BY BEN: Fri Apr 12 21:42:11 GMT 2013

Poor spar dec tracking. Chip images look pretty bad and o-scope shows lots of motion

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

NOTE BY BEN: Fri Apr 12 21:46:56 GMT 2013

Orographic clouds in the vicinity of the observatory, starting to effect data

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

Fri Apr 12 22:07:54 GMT 2013 COMP End Patrol  
Fri Apr 12 22:12:44 GMT 2013 MKIV End Patrol  
Fri Apr 12 22:15:37 GMT 2013: PSPT Abort Patrol  
Fri Apr 12 22:19:36 GMT 2013 CHIP End Patrol  
Fri Apr 12 22:26:07 GMT 2013 CHIP Start Patrol  
Fri Apr 12 22:26:55 GMT 2013 CHIP End Patrol  
NOTE BY BEN: Fri Apr 12 23:30:01 GMT 2013

Dark fog outside now

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

NOTE BY BEN: Sat Apr 13 00:52:29 GMT 2013

The sky transmission value is way off. Should be ~200 right now with domes closed, currentlty at 1100

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

Sat Apr 13 01:16:37 GMT 2013: PSPT Start Patrol  
Sat Apr 13 01:20:56 GMT 2013 CHIP Start Patrol  
NOTE BY BEN: Sat Apr 13 01:20:51 GMT 2013

Restarting disk imagers, but there is to much cirrus for comp, mk4 and shabar

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

Sat Apr 13 02:11:50 GMT 2013 CHIP End Patrol  
Sat Apr 13 02:12:35 GMT 2013: PSPT Abort Patrol  
Sat Apr 13 02:24:53 GMT 2013

MkIV

17_00.rawmk4	18_02.rawmk4	19_05.rawmk4	20_24.rawmk4	21_31.rawmk4
17_03.rawmk4	18_05.rawmk4	19_08.rawmk4	20_27.rawmk4	21_34.rawmk4
17_06.rawmk4	18_08.rawmk4	19_11.rawmk4	20_30.rawmk4	21_36.rawmk4
17_09.rawmk4	18_11.rawmk4	19_14.rawmk4	20_33.rawmk4	21_39.rawmk4
17_13.rawmk4	18_14.rawmk4	19_17.rawmk4	20_36.rawmk4	21_42.rawmk4
17_16.rawmk4	18_17.rawmk4	19_20.rawmk4	20_39.rawmk4	21_45.rawmk4
17_19.rawmk4	18_20.rawmk4	19_23.rawmk4	20_42.rawmk4	21_48.rawmk4
17_22.rawmk4	18_23.rawmk4	19_26.rawmk4	20_48.rawmk4	21_51.rawmk4
17_26.rawmk4	18_29.rawmk4	19_28.rawmk4	20_54.rawmk4	21_54.rawmk4
17_29.rawmk4	18_32.rawmk4	19_31.rawmk4	20_58.rawmk4	21_57.rawmk4
17_32.rawmk4	18_35.rawmk4	19_34.rawmk4	21_01.rawmk4	22_00.rawmk4
17_35.rawmk4	18_38.rawmk4	19_37.rawmk4	21_04.rawmk4	22_03.rawmk4
17_38.rawmk4	18_41.rawmk4	19_40.rawmk4	21_07.rawmk4	22_06.rawmk4
17_41.rawmk4	18_44.rawmk4	19_43.rawmk4	21_10.rawmk4	22_09.rawmk4
17_44.rawmk4	18_47.rawmk4	19_46.rawmk4	21_13.rawmk4	c19_49.rawmk4
17_47.rawmk4	18_50.rawmk4	19_52.rawmk4	21_16.rawmk4	c19_56.rawmk4
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17_53.rawmk4	18_56.rawmk4	20_05.rawmk4	21_22.rawmk4	
17_56.rawmk4	18_59.rawmk4	20_18.rawmk4	21_25.rawmk4	
17_59.rawmk4	19_02.rawmk4	20_21.rawmk4	21_28.rawmk4	