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Mauna Loa Solar Observatory Observer's Log  
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Mon Jul 15 16:21:17 GMT 2013

Year: 13 Doy: 196

Observer: berkey

Mon Jul 15 16:25:12 GMT 2013 CHIP Start Patrol

Mon Jul 15 16:24:37 GMT 2013: PSPT Start Patrol

Mon Jul 15 16:26:41 GMT 2013 COMP Start Patrol

Mon Jul 15 16:56:34 GMT 2013: PSPT Abort Patrol

Mon Jul 15 16:56:40 GMT 2013: PSPT Abort Patrol

Mon Jul 15 17:00:01 GMT 2013: PSPT Start Patrol

WEATHER COMMENT: Mon Jul 15 17:09:58 GMT 2013

Clear skies to the through the path of the Sun until at least 2pm cirrus to the north and west, wind 5mph from the SW, temp 50F

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

PSPT COMMENT BY BEN: Mon Jul 15 17:11:10 GMT 2013

I got the normal start up issue where PSPT finds the sun during the initialization but then can't find it during data acquisition. This time instead of re-running "Start-up", I did a "gdr home" on the dos box. After this PSPT found the sun again

and I didnt have to wait through the homing of the filter wheel, dome, shutter, darks,etc.

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

Mon Jul 15 17:14:19 GMT 2013

MkIV

Mon Jul 15 17:16:57 GMT 2013 MKIV Start Patrol

MKIV COMMENT BY BEN: Mon Jul 15 17:19:30 GMT 2013

Mk4 is having a lot of U12 trouble this morning. Rebooted akamai, power cycled the mechanisms and reseated U12 a few times before it seemed to get better. Even now the analog display looks different then normal.

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

Mon Jul 15 17:59:57 GMT 2013

MkIV

17\_16.rawmk4 17\_22.rawmk4 17\_28.rawmk4

17\_20.rawmk4 17\_25.rawmk4 17\_31.rawmk4

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Mauna Loa Solar Observatory Observer's Log  
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Mon Jul 15 18:01:09 GMT 2013

Year: 13 Doy: 196

Observer: berkey

Mon Jul 15 18:01:37 GMT 2013 MKIV Start Patrol

Mon Jul 15 18:03:36 GMT 2013 CHIP End LSD

Mon Jul 15 18:03:42 GMT 2013 CHIP BiasLSD

Mon Jul 15 18:04:24 GMT 2013 CHIP End BiasLSD

Mon Jul 15 18:04:30 GMT 2013 CHIP Bias

Mon Jul 15 18:04:59 GMT 2013 CHIP End Bias

Mon Jul 15 18:05:04 GMT 2013 CHIP ReStart Patrol

Mon Jul 15 19:26:44 GMT 2013 COMP End Patrol

Mon Jul 15 19:26:46 GMT 2013 COMP Start Patrol  
Mon Jul 15 19:31:52 GMT 2013 CHIP End Patrol  
Mon Jul 15 19:31:12 GMT 2013 COMP End Patrol  
Mon Jul 15 19:31:29 GMT 2013 MKIV End Patrol  
Mon Jul 15 19:37:06 GMT 2013 MKIV Start Patrol  
Mon Jul 15 19:38:40 GMT 2013 CHIP Start Patrol  
Mon Jul 15 19:38:24 GMT 2013 COMP Start Patrol  
NOTE BY BEN: Mon Jul 15 19:38:16 GMT 2013

Bottom shutter moved down. We are now starting to see some cirrus in the south east, however the sky remains clear along the solar path

\_\_\_\_end\_\_\_\_  
Mon Jul 15 19:43:16 GMT 2013 MKIV End Patrol  
Mon Jul 15 19:43:25 GMT 2013 MKIV Start Cal  
Mon Jul 15 20:03:38 GMT 2013 MKIV End Cal  
Mon Jul 15 20:03:49 GMT 2013 MKIV Start Patrol  
MKIV COMMENT BY BEN: Mon Jul 15 20:17:06 GMT 2013  
MK4 has some data xfer errors and just got a U12 problem

\_\_\_\_end\_\_\_\_  
MKIV COMMENT BY BEN: Mon Jul 15 20:20:31 GMT 2013  
Rebooting akamai again

\_\_\_\_end\_\_\_\_  
Mon Jul 15 20:21:55 GMT 2013  
MkIV

17_16.rawmk4	18_10.rawmk4	18_36.rawmk4	19_06.rawmk4	19_40.rawmk4
17_20.rawmk4	18_13.rawmk4	18_39.rawmk4	19_10.rawmk4	19_46.rawmk4
17_22.rawmk4	18_16.rawmk4	18_42.rawmk4	19_13.rawmk4	19_52.rawmk4
17_25.rawmk4	18_19.rawmk4	18_45.rawmk4	19_16.rawmk4	c19_43.rawmk4
17_28.rawmk4	18_22.rawmk4	18_48.rawmk4	19_19.rawmk4	c19_49.rawmk4
17_31.rawmk4	18_25.rawmk4	18_51.rawmk4	19_22.rawmk4	
18_01.rawmk4	18_28.rawmk4	18_54.rawmk4	19_25.rawmk4	
18_04.rawmk4	18_31.rawmk4	18_57.rawmk4	19_28.rawmk4	
18_07.rawmk4	18_34.rawmk4	19_00.rawmk4	19_37.rawmk4	

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Mauna Loa Solar Observatory Observer's Log  
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Mon Jul 15 20:22:05 GMT 2013  
Year: 13 Doy: 196  
Observer: berkey  
Mon Jul 15 20:26:40 GMT 2013 MKIV Start Patrol  
NOTE BY BEN: Mon Jul 15 21:12:31 GMT 2013  
Shabar seems really noisy today. I am not sure if this is seeing or electrical.  
\_\_\_\_end\_\_\_\_  
NOTE BY BEN: Mon Jul 15 21:30:49 GMT 2013  
Light clouds passing in front of the sun.  
\_\_\_\_end\_\_\_\_  
NOTE BY BEN: Mon Jul 15 22:23:07 GMT 2013  
Clouds again

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

NOTE BY BEN: Mon Jul 15 22:26:41 GMT 2013

idleing mk4,comp and shabar

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

Mon Jul 15 22:27:14 GMT 2013 COMP End Patrol

Mon Jul 15 22:31:36 GMT 2013 MKIV End Patrol

Mon Jul 15 22:45:49 GMT 2013 MKIV Start Patrol

Mon Jul 15 22:46:07 GMT 2013 COMP Start Patrol

NOTE BY BEN: Mon Jul 15 22:46:01 GMT 2013

Lowish clouds appear to have passed restarting mk4,comp and shabar

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

Mon Jul 15 23:02:51 GMT 2013 CHIP LSD

Mon Jul 15 23:04:39 GMT 2013 CHIP End LSD

Mon Jul 15 23:04:52 GMT 2013 CHIP BiasLSD

Mon Jul 15 23:04:05 GMT 2013 MKIV End Patrol

Mon Jul 15 23:04:17 GMT 2013 COMP End Patrol

Mon Jul 15 23:05:37 GMT 2013 CHIP End BiasLSD

Mon Jul 15 23:05:58 GMT 2013 CHIP Bias

Mon Jul 15 23:06:34 GMT 2013 CHIP End Bias

Mon Jul 15 23:06:46 GMT 2013 CHIP ReStart Patrol

Mon Jul 15 23:29:47 GMT 2013 CHIP End Patrol

Mon Jul 15 23:28:50 GMT 2013: PSPT Abort Patrol

NOTE BY BEN: Mon Jul 15 23:43:28 GMT 2013

Domes are closed pspt and chip idled until the conditions of local clouds improve.

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

Tue Jul 16 01:02:39 GMT 2013: PSPT Start Patrol

Tue Jul 16 01:08:56 GMT 2013 CHIP Start Patrol

NOTE BY BEN: Tue Jul 16 01:46:51 GMT 2013

Spar just lost guiding in dec

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

NOTE BY BEN: Tue Jul 16 01:52:21 GMT 2013

A couple of mk4 cables got caught on the doghouse

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

Tue Jul 16 02:12:36 GMT 2013 CHIP End Patrol

Tue Jul 16 02:15:26 GMT 2013: PSPT Abort Patrol

Tue Jul 16 02:15:34 GMT 2013: PSPT Abort Patrol

Tue Jul 16 02:15:42 GMT 2013: PSPT Abort Patrol

Tue Jul 16 02:48:07 GMT 2013

MkIV

17_16.rawmk4	18_36.rawmk4	19_40.rawmk4	21_11.rawmk4	22_04.rawmk4
17_20.rawmk4	18_39.rawmk4	19_46.rawmk4	21_13.rawmk4	22_07.rawmk4
17_22.rawmk4	18_42.rawmk4	19_52.rawmk4	21_16.rawmk4	22_10.rawmk4
17_25.rawmk4	18_45.rawmk4	20_26.rawmk4	21_19.rawmk4	22_13.rawmk4
17_28.rawmk4	18_48.rawmk4	20_29.rawmk4	21_22.rawmk4	22_16.rawmk4
17_31.rawmk4	18_51.rawmk4	20_32.rawmk4	21_25.rawmk4	22_19.rawmk4
18_01.rawmk4	18_54.rawmk4	20_35.rawmk4	21_28.rawmk4	22_22.rawmk4
18_04.rawmk4	18_57.rawmk4	20_38.rawmk4	21_31.rawmk4	22_25.rawmk4

18_07.rawmk4	19_00.rawmk4	20_41.rawmk4	21_34.rawmk4	22_28.rawmk4
18_10.rawmk4	19_06.rawmk4	20_44.rawmk4	21_37.rawmk4	22_45.rawmk4
18_13.rawmk4	19_10.rawmk4	20_47.rawmk4	21_40.rawmk4	22_48.rawmk4
18_16.rawmk4	19_13.rawmk4	20_50.rawmk4	21_43.rawmk4	22_51.rawmk4
18_19.rawmk4	19_16.rawmk4	20_53.rawmk4	21_46.rawmk4	22_54.rawmk4
18_22.rawmk4	19_19.rawmk4	20_56.rawmk4	21_49.rawmk4	22_57.rawmk4
18_25.rawmk4	19_22.rawmk4	20_59.rawmk4	21_52.rawmk4	23_00.rawmk4
18_28.rawmk4	19_25.rawmk4	21_02.rawmk4	21_55.rawmk4	c19_43.rawmk4
18_31.rawmk4	19_28.rawmk4	21_05.rawmk4	21_58.rawmk4	c19_49.rawmk4
18_34.rawmk4	19_37.rawmk4	21_08.rawmk4	22_01.rawmk4	