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Mauna Loa Solar Observatory Observer's Log  
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Mon Aug 3 16:35:31 GMT 2009

Year: 09 Doy: 215

Observer: stueben

WEATHER COMMENT: Mon Aug 3 16:35:40 GMT 2009

Clear, wind south 5-10 mph, temp 46F.

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

Mon Aug 3 16:43:27 GMT 2009 CHIP Start Patrol

Mon Aug 3 16:57:16 GMT 2009 MKIV Start Patrol

PSPT COMMENT: Mon Aug 3 17:04:46 GMT 2009

Observing.

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

**\*\*PICS PROBLEM\*\***: Mon Aug 3 17:39:14 GMT 2009

Pics is down. Halle filter does not move in/out correctly. I'll be working on this today.

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

Mon Aug 3 18:01:47 GMT 2009 CHIP LSD

Mon Aug 3 18:03:21 GMT 2009 CHIP End LSD

Mon Aug 3 18:03:30 GMT 2009 CHIP BiasLSD

Mon Aug 3 18:04:21 GMT 2009 CHIP End BiasLSD

Mon Aug 3 18:04:30 GMT 2009 CHIP Bias

Mon Aug 3 18:05:11 GMT 2009 CHIP End Bias

Mon Aug 3 18:05:22 GMT 2009 CHIP ReStart Patrol

Mon Aug 3 18:08:15 GMT 2009 MKIV End Patrol

Mon Aug 3 18:08:26 GMT 2009 MKIV Start Cal

Mon Aug 3 18:23:44 GMT 2009 CHIP End Patrol

Mon Aug 3 18:27:17 GMT 2009 MKIV End Cal

Mon Aug 3 18:50:30 GMT 2009 MKIV End Patrol

COMMENT: Mon Aug 3 18:50:48 GMT 2009

Chip and MK4 idled for awhile as I work on pics.

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

Mon Aug 3 19:58:19 GMT 2009 CHIP Start Patrol

Mon Aug 3 19:58:36 GMT 2009 PICS Start Patrol

**\*\*PICS PROBLEM\*\***: Mon Aug 3 20:01:28 GMT 2009

The drive belt had popped of on pulley on the Halle filter movement mechanism. There was nothing else obviously wrong with the mechanism, so I put the belt back on and exercised the mechanism a few times. The mechanism worked OK so I put the covers back on and restarted observation. So far it seems OK.

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

WEATHER COMMENT: Mon Aug 3 20:07:36 GMT 2009

In thin cirrus, Mk4 idled.

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

GONG COMMENT: Mon Aug 3 22:08:48 GMT 2009

Performed weekly and monthly pm.

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

Mon Aug 3 22:10:12 GMT 2009 PICS End Patrol

Mon Aug 3 22:10:17 GMT 2009 CHIP End Patrol

Mon Aug 3 22:29:42 GMT 2009 CHIP Start Patrol

Mon Aug 3 22:39:01 GMT 2009 PICS Start Patrol

**\*\*PICS PROBLEM\*\***: Mon Aug 3 23:00:26 GMT 2009

Pics and chip stalled, reset mcc and restarted.

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

WEATHER COMMENT: Mon Aug 3 23:01:07 GMT 2009

Orographic clouds are degrading images.

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

Mon Aug 3 23:02:45 GMT 2009 CHIP LSD

Mon Aug 3 23:04:07 GMT 2009 CHIP End LSD

Mon Aug 3 23:04:15 GMT 2009 CHIP BiasLSD

Mon Aug 3 23:04:51 GMT 2009 CHIP End BiasLSD

Mon Aug 3 23:04:59 GMT 2009 CHIP Bias

Mon Aug 3 23:05:32 GMT 2009 CHIP End Bias

Mon Aug 3 23:05:43 GMT 2009 CHIP ReStart Patrol

Mon Aug 3 23:14:12 GMT 2009 PICS End Patrol

Mon Aug 3 23:14:38 GMT 2009 CHIP End Patrol

WEATHER COMMENT: Mon Aug 3 23:15:51 GMT 2009

In orographic clouds, instruments idled.

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

Mon Aug 3 23:54:19 GMT 2009 CHIP Start Patrol

Mon Aug 3 23:54:31 GMT 2009 PICS Start Patrol

Tue Aug 4 00:15:17 GMT 2009 PICS End Patrol

Tue Aug 4 00:40:20 GMT 2009 CHIP End Patrol

WEATHER COMMENT: Tue Aug 4 00:40:52 GMT 2009

In clouds again.

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

Tue Aug 4 01:18:13 GMT 2009 CHIP Start Patrol

\*\*PICS PROBLEM\*\*: Tue Aug 4 01:35:58 GMT 2009

H filter has stopped moving in/out again.

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

NICE CHIP IMAGE: 1743

NICE PICSDISC IMAGE: 2007

NICE PICSLIMB IMAGE: 2010

NICE MK4 IMAGE: 1744

Tue Aug 4 02:19:17 GMT 2009 CHIP End Patrol

Tue Aug 4 02:25:17 GMT 2009

MkIV

16_57.rawmk4	17_15.rawmk4	17_32.rawmk4	17_50.rawmk4	18_11.rawmk4
17_00.rawmk4	17_18.rawmk4	17_35.rawmk4	17_53.rawmk4	18_17.rawmk4
17_03.rawmk4	17_20.rawmk4	17_38.rawmk4	17_56.rawmk4	18_23.rawmk4
17_06.rawmk4	17_23.rawmk4	17_41.rawmk4	17_59.rawmk4	c18_08.rawmk4
17_09.rawmk4	17_26.rawmk4	17_44.rawmk4	18_02.rawmk4	c18_14.rawmk4
17_12.rawmk4	17_29.rawmk4	17_47.rawmk4	18_05.rawmk4	c18_20.rawmk4