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Mauna Loa Solar Observatory Observer's Log  
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Mon Sep 13 16:41:43 GMT 2010

Year: 10 Doy: 256

Observer: berkey

Mon Sep 13 16:45:04 GMT 2010 MKIV End Correct

Mon Sep 13 16:47:54 GMT 2010 MKIV Start Correct

Mon Sep 13 16:48:34 GMT 2010 H-ALPHA Start Patrol

Mon Sep 13 16:49:27 GMT 2010 MKIV End Correct

WEATHER COMMENT: Mon Sep 13 16:49:16 GMT 2010

Clear skies, temp 52f, wind 5mph from the north east

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

Mon Sep 13 16:49:42 GMT 2010 MKIV Start Correct

Mon Sep 13 16:50:04 GMT 2010 CHIP Start Patrol

Mon Sep 13 16:51:11 GMT 2010: PSPT Start Patrol

Mon Sep 13 16:51:14 GMT 2010 MKIV End Correct

Mon Sep 13 16:51:25 GMT 2010 MKIV Start Correct

Mon Sep 13 16:52:56 GMT 2010 MKIV End Correct

Mon Sep 13 16:53:20 GMT 2010 MKIV Start Correct

Mon Sep 13 16:54:49 GMT 2010 MKIV End Correct

Mon Sep 13 16:55:40 GMT 2010 MKIV Start Patrol

CHIP COMMENT BY BEN: Mon Sep 13 16:56:33 GMT 2010

Alakai crashed

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

MKIV COMMENT BY BEN: Mon Sep 13 16:56:42 GMT 2010

Akamai crashed

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

Mon Sep 13 16:56:51 GMT 2010

MkIV

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Mauna Loa Solar Observatory Observer's Log  
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Mon Sep 13 16:59:34 GMT 2010

Year: 10 Doy: 256

Observer: berkey

Mon Sep 13 17:00:26 GMT 2010 CHIP Start Patrol

Mon Sep 13 17:01:51 GMT 2010 MKIV Start Patrol

Mon Sep 13 17:08:04 GMT 2010 MKIV End Patrol

Mon Sep 13 17:14:22 GMT 2010 MKIV Start Patrol

Mon Sep 13 17:26:31 GMT 2010 MKIV End Patrol

Mon Sep 13 17:26:18 GMT 2010 CHIP Start Patrol

Mon Sep 13 17:34:12 GMT 2010 MKIV Start Patrol

Mon Sep 13 18:02:43 GMT 2010 CHIP LSD

Mon Sep 13 18:04:20 GMT 2010 CHIP End LSD

Mon Sep 13 18:04:30 GMT 2010 CHIP BiasLSD

Mon Sep 13 18:05:25 GMT 2010 CHIP End BiasLSD

Mon Sep 13 18:05:33 GMT 2010 CHIP Bias  
Mon Sep 13 18:06:18 GMT 2010 CHIP End Bias  
Mon Sep 13 18:06:27 GMT 2010 CHIP ReStart Patrol

\*\*MKIV PROBLEM COMMENT BY ALLEN\*\* : Mon Sep 13 18:04:21 GMT 2010

Oddly the images look better today. There is visible corona, but it looks like a "noisy" sky though the analog signal looks clean.

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

Mon Sep 13 19:30:45 GMT 2010 CHIP End Patrol  
Mon Sep 13 19:33:09 GMT 2010 H-ALPHA End Patrol  
Mon Sep 13 19:33:21 GMT 2010 MKIV End Patrol  
Mon Sep 13 19:36:54 GMT 2010 MKIV Start Patrol  
Mon Sep 13 19:43:02 GMT 2010 MKIV End Patrol  
Mon Sep 13 19:52:49 GMT 2010 MKIV Start Patrol  
Mon Sep 13 19:53:18 GMT 2010 H-ALPHA Start Patrol  
Mon Sep 13 19:53:17 GMT 2010 CHIP Start Patrol

NOTE BY ALLEN: Mon Sep 13 19:58:18 GMT 2010

Reconfigured dome shutter.

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

\*\*MKIV PROBLEM COMMENT BY ALLEN\*\* : Mon Sep 13 20:00:55 GMT 2010

While instruments were idled to change shutter configuration we looked for general problems with the mk4 telescope, but found nothing wrong. We also removed the camera cover, the optics and camera looked OK.

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

Mon Sep 13 21:51:40 GMT 2010 MKIV End Patrol  
Mon Sep 13 21:51:45 GMT 2010 MKIV Start Cal  
Mon Sep 13 22:10:30 GMT 2010 MKIV End Cal  
Mon Sep 13 22:10:36 GMT 2010 MKIV Start Patrol  
Mon Sep 13 22:41:11 GMT 2010 MKIV End Patrol  
Mon Sep 13 23:02:51 GMT 2010 CHIP LSD  
Mon Sep 13 23:04:30 GMT 2010 CHIP End LSD  
Mon Sep 13 23:04:38 GMT 2010 CHIP BiasLSD  
Mon Sep 13 23:05:12 GMT 2010 CHIP End BiasLSD  
Mon Sep 13 23:05:21 GMT 2010 CHIP Bias  
Mon Sep 13 23:06:02 GMT 2010 CHIP End Bias  
Mon Sep 13 23:06:10 GMT 2010 CHIP ReStart Patrol  
Mon Sep 13 23:11:11 GMT 2010 CHIP End Patrol

WEATHER COMMENT: Mon Sep 13 23:11:18 GMT 2010

Clouds moving in idling

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

Mon Sep 13 23:12:58 GMT 2010: PSPT Abort Patrol

Mon Sep 13 23:13:39 GMT 2010 H-ALPHA End Patrol

NOTE BY BEN: Tue Sep 14 00:09:29 GMT 2010

domes closed due to fog

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

\*\*MKIV PROBLEM COMMENT BY ALLEN\*\* : Tue Sep 14 01:16:56 GMT 2010

We removed the cover where the camera is located and measured the control signals to the camera with the connector removed - they are OK. I was concerned earlier in the day that I saw no activity on the two most significant bits of the camera digital data, D10 and D11, but there was simply not enough light on the

camera. With the opal in or light clouds D10 and D11 became active.

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

Tue Sep 14 01:32:29 GMT 2010

MkIV

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