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Mauna Loa Solar Observatory Observer's Log  
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Tue Jun 10 16:42:02 GMT 2008

Year: 08 Doy: 162

Observer: koon

Tue Jun 10 16:47:29 GMT 2008 MKIV Start Patrol

WEATHER COMMENT: Tue Jun 10 16:42:06 GMT 2008

Clear sky, no wind, temp=47F.

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

Tue Jun 10 16:48:28 GMT 2008 CHIP Start Patrol

Tue Jun 10 16:48:41 GMT 2008 PICS Start Patrol

PICS COMMENT: Tue Jun 10 16:48:32 GMT 2008

Changed occulter from 1961" to 1951".

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Jun 10 17:11:05 GMT 2008

PSPT COMMENT: Tue Jun 10 17:12:47 GMT 2008

Obs.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Jun 10 17:24:25 GMT 2008

COMMENT: Tue Jun 10 17:24:29 GMT 2008

Helping Alice recover data from our backup tapes.

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

Tue Jun 10 18:00:41 GMT 2008

CHIP LSD

Tue Jun 10 18:01:16 GMT 2008

PICS Flat

Tue Jun 10 18:02:26 GMT 2008

CHIP End LSD

Tue Jun 10 18:02:34 GMT 2008

CHIP BiasLSD

Tue Jun 10 18:03:28 GMT 2008

CHIP End BiasLSD

Tue Jun 10 18:03:36 GMT 2008

CHIP Bias

Tue Jun 10 18:03:47 GMT 2008

PICS End Flat

Tue Jun 10 18:04:02 GMT 2008

PICS ReStart Patrol

Tue Jun 10 18:04:31 GMT 2008

CHIP End Bias

Tue Jun 10 18:04:41 GMT 2008

CHIP ReStart Patrol

\*\*PSPT PROBLEM\*\* Tue Jun 10 18:13:06 GMT 2008

Crashed, restarted.

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

NICE MK4 IMAGE: 1807

NICE PICSDISC IMAGE: 1739

NICE PICSLIMB IMAGE: 1700

NICE CHIP IMAGE: 1730

Tue Jun 10 18:16:09 GMT 2008 MKIV End Patrol

Tue Jun 10 18:16:15 GMT 2008 MKIV Start Cal

Tue Jun 10 18:34:57 GMT 2008 MKIV End Cal

Tue Jun 10 18:35:03 GMT 2008 MKIV Start Patrol

Tue Jun 10 19:28:11 GMT 2008 MKIV End Patrol

MKIV COMMENT: Tue Jun 10 19:30:03 GMT 2008

Pausing to do some testing for David.

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

Tue Jun 10 19:50:14 GMT 2008 MKIV Start Cal  
Tue Jun 10 20:08:43 GMT 2008 MKIV End Cal

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Mauna Loa Solar Observatory Observer's Log

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Tue Jun 10 20:23:01 GMT 2008

Year: 08 Doy: 162

Observer: koon

**\*\*MKIV PROBLEM\*\***: Tue Jun 10 20:23:34 GMT 2008

During the test Nahenahe keyboard became un responsive and I lost my running commentary. The scans looked offset too. When I tried to reset the keyboard Nahenahe rebooted. So I'll run the test completely over again.

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

Tue Jun 10 20:25:53 GMT 2008 MKIV Start Cal

Tue Jun 10 21:19:35 GMT 2008 MKIV Start Patrol

MKIV COMMENT: Tue Jun 10 20:26:10 GMT 2008

I took 2 pictures of the o-scope "humps" while the instrument was idle. Now I started a cal and took 2 pictures while the CCW scan happens. I made the humps larger in the display, our goal is to look for uneven modulation on the humps while doing the Cal15 scan with the tiltplates In. Great, now cirrus is moving over. I'll see if I can still get pictures.

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

MKIV COMMENT: Tue Jun 10 21:31:08 GMT 2008

I talked to David and we came up with a way to take some interesting images of the "humps" during and after the tiltplates move in and out. I emailed him 6 images. The images and our emails will be in our Common Folders on the PC for all Observers to see, I'll call the folder mk4Tests061008. I'm going back to regular scans for a while.

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

**\*\*MKIV PROBLEM\*\***: Tue Jun 10 21:42:38 GMT 2008

I forgot to move the opal out after the testing until just now.

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

WEATHER COMMENT: Tue Jun 10 21:44:10 GMT 2008

Low clouds are looming in all directions.

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

MKIV COMMENT: Tue Jun 10 21:44:45 GMT 2008

A few other notes. The test images were done with the opal in and the tiltplates either in or out or moving to get them at a steeper angle away from normal to the beam to increase polarization and hopefully make uneven modulation more apparent on the humps. The modulation should look like an overlaid trace. I used my Canon 450D on a tripod to get the jpeg images.

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

Tue Jun 10 22:43:46 GMT 2008 CHIP End Patrol

Tue Jun 10 22:44:14 GMT 2008 PICS End Patrol

WEATHER COMMENT: Tue Jun 10 22:44:06 GMT 2008

Low dark clouds are moving in, paused instruments and closing domes.

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

Tue Jun 10 22:47:52 GMT 2008 MKIV End Patrol

**\*\*MLSO PROBLEM\*\***: Tue Jun 10 23:17:08 GMT 2008

Kaiee rebooted itself, it says to run fsck.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Jun 10 23:21:06 GMT 2008

COMMENT: Tue Jun 10 23:21:48 GMT 2008

Done helping Alice with data tapes, put back the blank tape.

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

MKIV COMMENT: Tue Jun 10 23:29:45 GMT 2008

Found some HN22 linear polarizing sheet material, I'll put it by the Nahenahe keyboard. David will want us to use it for further testing later.

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

Tue Jun 10 23:40:07 GMT 2008      MKIV      End Patrol  
Tue Jun 10 23:40:11 GMT 2008      PICS      End Patrol  
Tue Jun 10 23:40:28 GMT 2008      CHIP      End Patrol

**\*\*MLSO PROBLEM\*\***: Tue Jun 10 23:40:32 GMT 2008

I rebooted Kaiee again and it came up OK.

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

COMMENT: Wed Jun 11 02:10:34 GMT 2008

Took pictures of dome floor and other stuff for possible repair by professionals

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

MKIV COMMENT: Wed Jun 11 02:11:12 GMT 2008

Took pictures inside of camera trough to aid in further modulation testing.

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

Wed Jun 11 02:27:15 GMT 2008

MkIV

16_47.rawmk4	17_46.rawmk4	18_55.rawmk4	21_28.rawmk4	22_27.rawmk4
16_50.rawmk4	17_49.rawmk4	18_58.rawmk4	21_31.rawmk4	22_30.rawmk4
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17_05.rawmk4	18_04.rawmk4	19_13.rawmk4	21_46.rawmk4	22_44.rawmk4
17_08.rawmk4	18_07.rawmk4	19_16.rawmk4	21_48.rawmk4	c18_16.rawmk4
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17_13.rawmk4	18_12.rawmk4	19_22.rawmk4	21_54.rawmk4	c18_28.rawmk4
17_17.rawmk4	18_19.rawmk4	19_24.rawmk4	21_57.rawmk4	c19_50.rawmk4
17_19.rawmk4	18_25.rawmk4	19_53.rawmk4	22_00.rawmk4	c19_56.rawmk4
17_22.rawmk4	18_31.rawmk4	19_59.rawmk4	22_03.rawmk4	c20_02.rawmk4
17_25.rawmk4	18_35.rawmk4	20_05.rawmk4	22_06.rawmk4	c20_25.rawmk4
17_28.rawmk4	18_38.rawmk4	20_28.rawmk4	22_09.rawmk4	c20_31.rawmk4
17_31.rawmk4	18_40.rawmk4	20_35.rawmk4	22_12.rawmk4	c20_38.rawmk4
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17_40.rawmk4	18_49.rawmk4	21_22.rawmk4	22_21.rawmk4	
17_43.rawmk4	18_52.rawmk4	21_25.rawmk4	22_24.rawmk4	