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Mauna Loa Solar Observatory Observer's Log  
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Mon Mar 7 16:58:11 GMT 2005

Year: 05 Doy: 066

Observer: stueben

WEATHER COMMENT: Mon Mar 7 17:00:54 GMT 2005

Clear, wind southwest 5-10 mph, temp 42F.

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

ECHO COMMENT: Mon Mar 7 17:02:01 GMT 2005

Time OK.

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

Mon Mar 7 17:05:23 GMT 2005 PICS Start Patrol

Mon Mar 7 17:05:33 GMT 2005 CHIP Start Patrol

PSPT COMMENT: Mon Mar 7 17:23:56 GMT 2005

Observing.

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

MKIV COMMENT: Mon Mar 7 17:28:39 GMT 2005

Centered O1.

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

Mon Mar 7 17:28:55 GMT 2005 MKIV Start Patrol

Mon Mar 7 18:00:16 GMT 2005 PICS Flat

Mon Mar 7 18:02:28 GMT 2005 PICS End Flat

Mon Mar 7 18:02:36 GMT 2005 PICS ReStart Patrol

Mon Mar 7 18:02:51 GMT 2005 CHIP LSD

Mon Mar 7 18:04:33 GMT 2005 CHIP End LSD

Mon Mar 7 18:04:49 GMT 2005 CHIP BiasLSD

Mon Mar 7 18:05:43 GMT 2005 CHIP End BiasLSD

Mon Mar 7 18:05:51 GMT 2005 CHIP Bias

Mon Mar 7 18:06:45 GMT 2005 CHIP End Bias

Mon Mar 7 18:06:54 GMT 2005 CHIP ReStart Patrol

MKIV COMMENT: Mon Mar 7 18:30:49 GMT 2005

Centered O1.

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

Mon Mar 7 18:34:01 GMT 2005 MKIV End Patrol

Mon Mar 7 18:34:07 GMT 2005 MKIV Start Cal

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Mar 7 18:44:19 GMT 2005

NICE MK4 IMAGE: 1837

NICE CHIP IMAGE: 1837

Mon Mar 7 18:52:40 GMT 2005 MKIV End Cal

Mon Mar 7 18:52:45 GMT 2005 MKIV Start Patrol

NICE PICSLIMB IMAGE: 1835

NICE PICSDISC IMAGE: 1835

MKIV COMMENT: Mon Mar 7 19:34:00 GMT 2005

Centered O1 guider.

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

Mon Mar 7 19:45:46 GMT 2005 CHIP End Patrol

Mon Mar 7 19:45:51 GMT 2005 PICS End Patrol

COMMENT: Mon Mar 7 19:45:53 GMT 2005

Stopping to reconfigure dome shutter.

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

Mon Mar 7 19:46:43 GMT 2005 MKIV End Patrol

Mon Mar 7 19:51:56 GMT 2005 MKIV Start Patrol

Mon Mar 7 19:52:00 GMT 2005 CHIP Start Patrol

Mon Mar 7 19:52:11 GMT 2005 PICS Start Patrol

\*\*PSPT PROBLEM\*\* Mon Mar 7 20:02:58 GMT 2005

Swapped newly installed shutter (4812) with the third spare (4161) to see if the streak on the CaK Narrow images goes away.

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

\*\*PSPT PROBLEM\*\* Mon Mar 7 20:30:29 GMT 2005

All images appear good with shutter #4161 installed.

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

MKIV COMMENT: Mon Mar 7 20:33:04 GMT 2005

Centered O1.

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

MKIV COMMENT: Mon Mar 7 21:32:06 GMT 2005

Centered O1.

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

MKIV COMMENT: Mon Mar 7 22:35:15 GMT 2005

Centered O1.

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

\*\*MKIV PROBLEM\*\* Mon Mar 7 22:35:27 GMT 2005

mk4 scanned past the start/stop point and went on to the limit, turned around and continued scanning in the other direction.

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

MKIV COMMENT: Mon Mar 7 23:40:12 GMT 2005

Centered O1.

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

\*\*PSPT PROBLEM\*\* Mon Mar 7 23:44:15 GMT 2005

I am seeing faint streaking like we were seeing with the second shutter.

We may be down to the performance limit of the shutters in general and

may need to install ND filters in front of the CaK Narrow filter and

increase the exposure time to eliminate the streaks.

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

COMMENT: Tue Mar 8 00:22:17 GMT 2005

Stopping to reconfigure dome shutter.

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

Tue Mar 8 00:22:41 GMT 2005 CHIP End Patrol

Tue Mar 8 00:23:15 GMT 2005 PICS End Patrol

Tue Mar 8 00:24:39 GMT 2005 MKIV End Patrol

MKIV COMMENT: Tue Mar 8 00:31:00 GMT 2005

Centered O1.

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

Tue Mar 8 00:31:13 GMT 2005 MKIV Start Patrol

Tue Mar 8 00:31:05 GMT 2005 CHIP Start Patrol

Tue Mar 8 00:31:10 GMT 2005 PICS Start Patrol

MKIV COMMENT: Tue Mar 8 01:29:57 GMT 2005  
Centered O1.

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

\*\*PSPT PROBLEM\*\* : Tue Mar 8 01:50:04 GMT 2005  
Crashed @ 0147 UT. Restarted.

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

\*\*PSPT PROBLEM\*\* : Tue Mar 8 02:16:51 GMT 2005  
Streak on CaK N image appears to have gone away in late afternoon images.

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

Tue Mar 8 02:30:18 GMT 2005 CHIP End Patrol  
Tue Mar 8 02:30:27 GMT 2005 PICS End Patrol  
Tue Mar 8 02:34:55 GMT 2005 MKIV End Patrol  
Tue Mar 8 02:35:30 GMT 2005

MkIV

00_00.rawmk4	01_53.rawmk4	18_37.rawmk4	20_38.rawmk4	22_28.rawmk4
00_03.rawmk4	01_56.rawmk4	18_43.rawmk4	20_41.rawmk4	22_31.rawmk4
00_06.rawmk4	01_59.rawmk4	18_49.rawmk4	20_44.rawmk4	22_34.rawmk4
00_09.rawmk4	02_02.rawmk4	18_52.rawmk4	20_47.rawmk4	22_38.rawmk4
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00_15.rawmk4	02_08.rawmk4	18_58.rawmk4	20_53.rawmk4	22_44.rawmk4
00_18.rawmk4	02_11.rawmk4	19_01.rawmk4	20_56.rawmk4	22_47.rawmk4
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