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Mauna Loa Solar Observatory Observer's Log  
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Mon Mar 21 16:51:09 GMT 2005

Year: 05 Doy: 080

Observer: stueben

WEATHER COMMENT: Mon Mar 21 16:51:35 GMT 2005

Overcast to the east, broken altostratus/cirrostratus overhead, clearing to the west; wind southwest 5-10 mph, temp 39F. Domes open but awaiting clearer skies before starting instruments.

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

ECHO COMMENT: Mon Mar 21 16:55:49 GMT 2005

Time OK

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

Mon Mar 21 17:17:30 GMT 2005 CHIP Start Patrol

PSPT COMMENT: Mon Mar 21 17:18:00 GMT 2005

Starting up.

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

Mon Mar 21 17:37:30 GMT 2005 CHIP End Patrol

Mon Mar 21 17:38:16 GMT 2005 PICS Start Patrol

Mon Mar 21 17:39:38 GMT 2005 PICS End Patrol

WEATHER COMMENT: Mon Mar 21 17:39:24 GMT 2005

Dense overcast, idling instruments.

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

Mon Mar 21 17:55:51 GMT 2005 CHIP Start Patrol

Mon Mar 21 17:56:10 GMT 2005 PICS Start Patrol

Mon Mar 21 18:00:22 GMT 2005 PICS Flat

Mon Mar 21 18:01:42 GMT 2005 CHIP LSD

Mon Mar 21 18:02:30 GMT 2005 PICS End Flat

Mon Mar 21 18:02:35 GMT 2005 PICS ReStart Patrol

Mon Mar 21 18:03:32 GMT 2005 CHIP End LSD

Mon Mar 21 18:03:38 GMT 2005 CHIP BiasLSD

Mon Mar 21 18:04:30 GMT 2005 CHIP End BiasLSD

Mon Mar 21 18:04:36 GMT 2005 CHIP Bias

Mon Mar 21 18:05:27 GMT 2005 CHIP End Bias

Mon Mar 21 18:05:32 GMT 2005 CHIP ReStart Patrol

\*\*GONG PROBLEM\*\*: Mon Mar 21 18:45:31 GMT 2005

Data chassis is hanging up on the camera. I went down and did some tests for GONG and swapped out the VME-SG card. System worked again but went down again while working on weekly PM. Returned to MLSO while GONGsters mull their next strategy.

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

WEATHER COMMENT: Mon Mar 21 18:49:33 GMT 2005

Cirrostratus overcast is thinning and possibly moving out to east.

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

Mon Mar 21 18:54:06 GMT 2005 MKIV Start Patrol

MKIV COMMENT: Mon Mar 21 19:00:07 GMT 2005

Centered O1.

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

WEATHER COMMENT: Mon Mar 21 19:00:15 GMT 2005

"Clear"

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

Mon Mar 21 19:06:17 GMT 2005 MKIV End Patrol  
Mon Mar 21 19:06:23 GMT 2005 MKIV Start Cal  
Mon Mar 21 19:25:07 GMT 2005 MKIV End Cal  
Mon Mar 21 19:25:13 GMT 2005 MKIV Start Patrol

NICE MK4 IMAGE: 1909

NICE CHIP IMAGE: 1911

NICE PICSLIMB IMAGE: 1912

NICE PICSDISC IMAGE: 1911

Mon Mar 21 19:56:47 GMT 2005 CHIP End Patrol

COMMENT: Mon Mar 21 19:57:34 GMT 2005

Stopping to reconfigure dome shutter.

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

Mon Mar 21 19:57:36 GMT 2005 PICS End Patrol

Mon Mar 21 20:00:56 GMT 2005 MKIV End Patrol

MKIV COMMENT: Mon Mar 21 20:05:39 GMT 2005

Centering O1.

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

Mon Mar 21 20:06:03 GMT 2005 MKIV Start Patrol

Mon Mar 21 20:06:07 GMT 2005 CHIP Start Patrol

Mon Mar 21 20:06:12 GMT 2005 PICS Start Patrol

MKIV COMMENT: Mon Mar 21 21:04:46 GMT 2005

Centered O1.

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

MKIV COMMENT: Mon Mar 21 21:54:46 GMT 2005

Centered O1.

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

WEATHER COMMENT: Mon Mar 21 22:23:38 GMT 2005

In orographic clouds.

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

Mon Mar 21 22:47:57 GMT 2005 CHIP End Patrol

WEATHER COMMENT: Mon Mar 21 22:48:38 GMT 2005

Clouds getting denser, instruments idled.

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

Mon Mar 21 22:49:26 GMT 2005 PICS End Patrol

Mon Mar 21 23:09:26 GMT 2005 MKIV Start Patrol

Mon Mar 21 23:15:35 GMT 2005 MKIV End Patrol

Mon Mar 21 23:41:14 GMT 2005 MKIV Start Patrol

Mon Mar 21 23:41:33 GMT 2005 CHIP Start Patrol

Mon Mar 21 23:41:52 GMT 2005 PICS Start Patrol

\*\*GONG PROBLEM\*\* Mon Mar 21 23:53:06 GMT 2005

Spent time down at GONG troubleshooting problems with their DAS/Camera system.

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

Tue Mar 22 00:21:02 GMT 2005 CHIP End Patrol

COMMENT: Tue Mar 22 00:21:14 GMT 2005

Reconfiguring dome shutter.

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

Tue Mar 22 00:22:13 GMT 2005 PICS End Patrol  
Tue Mar 22 00:28:18 GMT 2005 CHIP Start Patrol  
Tue Mar 22 00:28:22 GMT 2005 PICS Start Patrol  
Tue Mar 22 00:29:01 GMT 2005 MKIV Start Patrol

MKIV COMMENT: Tue Mar 22 01:04:17 GMT 2005

Centered 01 guider.

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

\*\*GONG PROBLEM\*\* : Tue Mar 22 01:21:53 GMT 2005

Did more troubleshooting at GONG. The system keeps failing around 13 minutes after each power cycling of the instrument and data chasses.

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

MKIV COMMENT: Tue Mar 22 02:00:05 GMT 2005

Centered 01.

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

Tue Mar 22 02:29:00 GMT 2005 CHIP End Patrol  
Tue Mar 22 02:29:32 GMT 2005 PICS End Patrol  
Tue Mar 22 02:32:38 GMT 2005 MKIV End Patrol  
Tue Mar 22 02:33:29 GMT 2005

MkIV

00_01.rawmk4	01_27.rawmk4	19_15.rawmk4	20_44.rawmk4	22_03.rawmk4
00_04.rawmk4	01_30.rawmk4	19_21.rawmk4	20_47.rawmk4	22_06.rawmk4
00_07.rawmk4	01_33.rawmk4	19_25.rawmk4	20_50.rawmk4	22_09.rawmk4
00_10.rawmk4	01_36.rawmk4	19_28.rawmk4	20_53.rawmk4	22_12.rawmk4
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00_16.rawmk4	01_42.rawmk4	19_34.rawmk4	20_58.rawmk4	22_18.rawmk4
00_19.rawmk4	01_45.rawmk4	19_36.rawmk4	21_01.rawmk4	22_21.rawmk4
00_29.rawmk4	01_48.rawmk4	19_39.rawmk4	21_04.rawmk4	22_24.rawmk4
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00_34.rawmk4	01_54.rawmk4	19_45.rawmk4	21_10.rawmk4	22_30.rawmk4
00_37.rawmk4	01_57.rawmk4	19_48.rawmk4	21_13.rawmk4	22_32.rawmk4
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00_46.rawmk4	02_05.rawmk4	19_57.rawmk4	21_22.rawmk4	23_12.rawmk4
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00_52.rawmk4	02_11.rawmk4	20_09.rawmk4	21_28.rawmk4	23_44.rawmk4
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01_18.rawmk4	19_00.rawmk4	20_35.rawmk4	21_54.rawmk4	
01_21.rawmk4	19_03.rawmk4	20_38.rawmk4	21_57.rawmk4	

01\_24.rawmk4 19\_09.rawmk4 20\_41.rawmk4 22\_00.rawmk4