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Mauna Loa Solar Observatory Observer's Log  
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Mon Sep 27 17:11:06 GMT 2010

Year: 10 Doy: 270

Observer: stueben

WEATHER COMMENT: Mon Sep 27 17:11:46 GMT 2010

Scattered cirrus, wind southwest 5 mph, temp 48F.

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

Mon Sep 27 17:17:18 GMT 2010 MKIV Start Patrol

Mon Sep 27 17:17:30 GMT 2010 H-ALPHA Start Patrol

Mon Sep 27 17:29:28 GMT 2010 MKIV End Patrol

Mon Sep 27 17:39:33 GMT 2010 MKIV Start Patrol

Mon Sep 27 17:41:12 GMT 2010 CHIP Start Patrol

Mon Sep 27 18:01:05 GMT 2010 CHIP End Patrol

Mon Sep 27 18:03:22 GMT 2010 H-ALPHA End Patrol

NOTE BY ALLEN: Mon Sep 27 18:14:44 GMT 2010

Steve has arrived. Stopped observing for a few minutes to refill LN2. We will probably stop/start observing sporadically as Steve works on CoMP.

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

Mon Sep 27 18:16:45 GMT 2010 H-ALPHA Start Patrol

Mon Sep 27 18:16:47 GMT 2010 CHIP Start Patrol

Mon Sep 27 18:17:17 GMT 2010 MKIV Start Patrol

Mon Sep 27 18:35:12 GMT 2010 MKIV End Patrol

Mon Sep 27 18:35:18 GMT 2010 MKIV Start Cal

Mon Sep 27 18:53:59 GMT 2010 MKIV End Cal

Mon Sep 27 18:54:05 GMT 2010 MKIV Start Patrol

Mon Sep 27 19:03:57 GMT 2010 CHIP End Patrol

Mon Sep 27 19:06:09 GMT 2010 MKIV End Patrol

Mon Sep 27 19:06:22 GMT 2010 H-ALPHA End Patrol

Mon Sep 27 19:24:38 GMT 2010 MKIV Start Patrol

Mon Sep 27 19:24:52 GMT 2010 H-ALPHA Start Patrol

Mon Sep 27 19:24:55 GMT 2010 CHIP Start Patrol

NOTE BY ALLEN: Mon Sep 27 19:41:08 GMT 2010

Reconfigured dome shutter.

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

Mon Sep 27 20:17:50 GMT 2010 MKIV End Patrol

WEATHER COMMENT: Mon Sep 27 20:18:30 GMT 2010

In thin cirrus, mk4 idled.

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

Mon Sep 27 20:32:54 GMT 2010 MKIV Start Patrol

Mon Sep 27 21:08:25 GMT 2010 MKIV End Patrol

Mon Sep 27 21:08:32 GMT 2010 MKIV Start Cal

MKIV COMMENT BY ALLEN: Mon Sep 27 21:10:19 GMT 2010

Started another cal since the spar was moved during the earlier cal.

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

NOTE BY ALLEN: Mon Sep 27 21:11:20 GMT 2010

Gaspro delivered a new bottle of LN2 this morning.

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

Mon Sep 27 21:27:12 GMT 2010 MKIV End Cal  
Mon Sep 27 23:01:41 GMT 2010 CHIP LSD  
Mon Sep 27 23:03:23 GMT 2010 CHIP End LSD  
Mon Sep 27 23:03:31 GMT 2010 CHIP BiasLSD  
Mon Sep 27 23:04:07 GMT 2010 CHIP End BiasLSD  
Mon Sep 27 23:04:17 GMT 2010 CHIP Bias  
Mon Sep 27 23:04:48 GMT 2010 CHIP End Bias  
Mon Sep 27 23:04:58 GMT 2010 CHIP ReStart Patrol

WEATHER COMMENT: Mon Sep 27 23:23:58 GMT 2010

Orographic clouds are degrading images.

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

Tue Sep 28 01:58:18 GMT 2010 CHIP End Patrol  
Tue Sep 28 02:10:46 GMT 2010 MKIV End Patrol  
Tue Sep 28 02:10:52 GMT 2010 H-ALPHA End Patrol

\*\*PSPT PROBLEM COMMENT BY ALLEN\*\* : Tue Sep 28 02:27:24 GMT 2010

I did some investigation of the problem and suspect the serial port between the pc and the sparc. The sparc send a command to the shutter and I can see the uniblitz shutter light flash and hear the shutter operate but the sparc hangs up in a loop where I think it is waiting for a response from the pc over the serial port. We don't have an rs232 breakout box here but I have one at home and will bring it up on thursday to help troubleshoot the problem.

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

Tue Sep 28 02:33:17 GMT 2010  
MkIV

00_00.rawmk4	01_35.rawmk4	18_50.rawmk4	20_59.rawmk4	22_44.rawmk4
00_03.rawmk4	01_38.rawmk4	18_54.rawmk4	21_02.rawmk4	22_47.rawmk4
00_06.rawmk4	01_41.rawmk4	18_57.rawmk4	21_05.rawmk4	22_50.rawmk4
00_09.rawmk4	01_43.rawmk4	18_59.rawmk4	21_11.rawmk4	22_53.rawmk4
00_12.rawmk4	01_46.rawmk4	19_02.rawmk4	21_17.rawmk4	22_56.rawmk4
00_15.rawmk4	01_49.rawmk4	19_24.rawmk4	21_23.rawmk4	22_59.rawmk4
00_18.rawmk4	01_52.rawmk4	19_27.rawmk4	21_27.rawmk4	23_02.rawmk4
00_21.rawmk4	01_55.rawmk4	19_30.rawmk4	21_31.rawmk4	23_05.rawmk4
00_24.rawmk4	01_58.rawmk4	19_33.rawmk4	21_33.rawmk4	23_08.rawmk4
00_27.rawmk4	02_01.rawmk4	19_36.rawmk4	21_36.rawmk4	23_11.rawmk4
00_30.rawmk4	02_04.rawmk4	19_39.rawmk4	21_39.rawmk4	23_14.rawmk4
00_33.rawmk4	02_07.rawmk4	19_42.rawmk4	21_42.rawmk4	23_16.rawmk4
00_36.rawmk4	17_17.rawmk4	19_45.rawmk4	21_45.rawmk4	23_19.rawmk4
00_39.rawmk4	17_20.rawmk4	19_48.rawmk4	21_48.rawmk4	23_22.rawmk4
00_42.rawmk4	17_23.rawmk4	19_51.rawmk4	21_51.rawmk4	23_25.rawmk4
00_45.rawmk4	17_26.rawmk4	19_54.rawmk4	21_54.rawmk4	23_28.rawmk4
00_48.rawmk4	17_39.rawmk4	19_56.rawmk4	21_57.rawmk4	23_31.rawmk4
00_51.rawmk4	17_42.rawmk4	19_59.rawmk4	22_00.rawmk4	23_34.rawmk4
00_53.rawmk4	17_45.rawmk4	20_02.rawmk4	22_03.rawmk4	23_37.rawmk4
00_56.rawmk4	17_48.rawmk4	20_05.rawmk4	22_06.rawmk4	23_40.rawmk4
00_59.rawmk4	17_51.rawmk4	20_08.rawmk4	22_09.rawmk4	23_43.rawmk4
01_02.rawmk4	17_54.rawmk4	20_11.rawmk4	22_12.rawmk4	23_46.rawmk4

01_05.rawmk4	17_57.rawmk4	20_14.rawmk4	22_15.rawmk4	23_49.rawmk4
01_08.rawmk4	18_00.rawmk4	20_32.rawmk4	22_18.rawmk4	23_52.rawmk4
01_11.rawmk4	18_17.rawmk4	20_35.rawmk4	22_21.rawmk4	23_55.rawmk4
01_14.rawmk4	18_20.rawmk4	20_38.rawmk4	22_23.rawmk4	23_58.rawmk4
01_17.rawmk4	18_23.rawmk4	20_41.rawmk4	22_26.rawmk4	c18_35.rawmk4
01_20.rawmk4	18_26.rawmk4	20_44.rawmk4	22_29.rawmk4	c18_41.rawmk4
01_23.rawmk4	18_29.rawmk4	20_47.rawmk4	22_32.rawmk4	c18_47.rawmk4
01_26.rawmk4	18_32.rawmk4	20_50.rawmk4	22_35.rawmk4	c21_08.rawmk4
01_29.rawmk4	18_38.rawmk4	20_53.rawmk4	22_38.rawmk4	c21_14.rawmk4
01_32.rawmk4	18_44.rawmk4	20_56.rawmk4	22_41.rawmk4	c21_20.rawmk4