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Mauna Loa Solar Observatory Observer's Log  
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Wed Jun 20 17:41:09 GMT 2012

Year: 12 Doy: 172

Observer: stueben

WEATHER COMMENT: Wed Jun 20 17:41:31 GMT 2012

Clear, wind south 5-10 mph, temp 48F.

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

NOTE BY ALLEN: Wed Jun 20 17:42:36 GMT 2012

Oops, forgot to start the log when I arrived at 1630UT and started the instruments. Everything is runing.

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

Wed Jun 20 18:01:40 GMT 2012 CHIP LSD  
Wed Jun 20 18:03:28 GMT 2012 CHIP End LSD  
Wed Jun 20 18:03:37 GMT 2012 CHIP BiasLSD  
Wed Jun 20 18:04:14 GMT 2012 CHIP End BiasLSD  
Wed Jun 20 18:04:23 GMT 2012 CHIP Bias  
Wed Jun 20 18:05:05 GMT 2012 CHIP End Bias  
Wed Jun 20 18:05:13 GMT 2012 CHIP ReStart Patrol  
Wed Jun 20 18:15:11 GMT 2012 MKIV End Patrol  
Wed Jun 20 18:15:16 GMT 2012 MKIV Start Cal  
Wed Jun 20 18:33:58 GMT 2012 MKIV End Cal  
Wed Jun 20 18:34:04 GMT 2012 MKIV Start Patrol  
Wed Jun 20 20:02:10 GMT 2012 COMP End Patrol  
NOTE BY ALLEN: Wed Jun 20 20:09:48 GMT 2012  
Reconfigured dome shutter.

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

Wed Jun 20 20:12:36 GMT 2012 COMP Start Patrol  
Wed Jun 20 20:24:57 GMT 2012 MKIV Start Patrol  
Wed Jun 20 21:11:49 GMT 2012: PSPT Abort Patrol  
Wed Jun 20 21:09:52 GMT 2012 CHIP End Patrol  
Wed Jun 20 21:13:48 GMT 2012 COMP End Patrol  
Wed Jun 20 21:14:19 GMT 2012 H-ALPHA End Patrol  
Wed Jun 20 21:18:25 GMT 2012 MKIV End Patrol  
WEATHER COMMENT: Wed Jun 20 21:25:03 GMT 2012  
In orographic clouds, instruments idled.

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

Wed Jun 20 22:26:24 GMT 2012 MKIV Start Patrol  
Wed Jun 20 22:26:10 GMT 2012 H-ALPHA Start Patrol  
Wed Jun 20 22:24:14 GMT 2012 CHIP Start Patrol  
Wed Jun 20 22:28:27 GMT 2012 COMP Start Patrol  
Wed Jun 20 22:28:48 GMT 2012: PSPT Start Patrol  
WEATHER COMMENT: Wed Jun 20 22:29:23 GMT 2012  
Clouds have receded, instruments restarted.

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

Wed Jun 20 23:00:41 GMT 2012 CHIP LSD  
Wed Jun 20 23:02:25 GMT 2012 CHIP End LSD

Wed Jun 20 23:02:33 GMT 2012 CHIP BiasLSD  
Wed Jun 20 23:03:10 GMT 2012 CHIP End BiasLSD  
Wed Jun 20 23:03:23 GMT 2012 CHIP Bias  
Wed Jun 20 23:03:55 GMT 2012 CHIP End Bias  
Wed Jun 20 23:04:02 GMT 2012 CHIP ReStart Patrol  
Wed Jun 20 23:56:14 GMT 2012 CHIP End Patrol  
Wed Jun 20 23:59:39 GMT 2012 COMP End Patrol  
Thu Jun 21 00:00:44 GMT 2012: PSPT Abort Patrol  
Thu Jun 21 00:00:53 GMT 2012 MKIV End Patrol  
Thu Jun 21 00:00:49 GMT 2012 H-ALPHA End Patrol  
WEATHER COMMENT: Thu Jun 21 00:07:25 GMT 2012  
In clouds again, instruments idled.

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

NOTE BY ALLEN: Thu Jun 21 01:39:59 GMT 2012

Removed second spare mk3/4 01 from its mount and put both spare 01s in there  
lucite cases.

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

**\*\*GENERAL PROBLEM COMMENT BY ALLEN\*\***: Thu Jun 21 01:41:41 GMT 2012

I had considerable trouble closing the upper dome shutter, it would move down  
6-12" and then ship in the track and fall back to full open. I had to use the  
rope hoist to put downward pressure on the shutter to get it past the bad spot.  
Don't know exactly what the problem is - bent or worn track? trans needs  
adjustment for better engagement? Don't suggest opening about the final 18"  
until we figure out the problem.

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

Thu Jun 21 01:49:05 GMT 2012

MkIV

17_38.rawmk4	18_48.rawmk4	19_51.rawmk4	21_12.rawmk4	23_19.rawmk4
17_42.rawmk4	18_51.rawmk4	19_54.rawmk4	21_14.rawmk4	23_22.rawmk4
17_45.rawmk4	18_54.rawmk4	19_57.rawmk4	22_26.rawmk4	23_25.rawmk4
17_48.rawmk4	18_57.rawmk4	20_00.rawmk4	22_29.rawmk4	23_28.rawmk4
17_51.rawmk4	19_00.rawmk4	20_24.rawmk4	22_32.rawmk4	23_31.rawmk4
17_54.rawmk4	19_03.rawmk4	20_27.rawmk4	22_35.rawmk4	23_34.rawmk4
17_57.rawmk4	19_06.rawmk4	20_30.rawmk4	22_38.rawmk4	23_37.rawmk4
18_00.rawmk4	19_09.rawmk4	20_33.rawmk4	22_41.rawmk4	23_40.rawmk4
18_03.rawmk4	19_15.rawmk4	20_36.rawmk4	22_44.rawmk4	23_42.rawmk4
18_05.rawmk4	19_19.rawmk4	20_39.rawmk4	22_46.rawmk4	23_45.rawmk4
18_08.rawmk4	19_21.rawmk4	20_42.rawmk4	22_49.rawmk4	23_48.rawmk4
18_11.rawmk4	19_24.rawmk4	20_45.rawmk4	22_52.rawmk4	23_51.rawmk4
18_18.rawmk4	19_27.rawmk4	20_48.rawmk4	22_55.rawmk4	23_54.rawmk4
18_24.rawmk4	19_30.rawmk4	20_51.rawmk4	22_58.rawmk4	23_57.rawmk4
18_30.rawmk4	19_33.rawmk4	20_54.rawmk4	23_01.rawmk4	c18_15.rawmk4
18_34.rawmk4	19_36.rawmk4	20_57.rawmk4	23_04.rawmk4	c18_21.rawmk4
18_37.rawmk4	19_39.rawmk4	21_00.rawmk4	23_07.rawmk4	c18_27.rawmk4
18_39.rawmk4	19_42.rawmk4	21_03.rawmk4	23_10.rawmk4	
18_42.rawmk4	19_45.rawmk4	21_06.rawmk4	23_13.rawmk4	
18_45.rawmk4	19_48.rawmk4	21_09.rawmk4	23_16.rawmk4	