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Mauna Loa Solar Observatory Observer's Log  
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Fri Jun 10 16:34:38 GMT 2011

Year: 11 Doy: 161

Observer: berkey

WEATHER COMMENT: Fri Jun 10 16:35:34 GMT 2011

Temp 50F, wind 15mph from E, thick cirrus in the east thinning out toward zenith

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

Fri Jun 10 16:46:44 GMT 2011: PSPT Start Patrol  
Fri Jun 10 16:47:05 GMT 2011 H-ALPHA Start Patrol  
Fri Jun 10 16:48:23 GMT 2011 CHIP Start Patrol  
Fri Jun 10 16:57:42 GMT 2011 CHIP End Patrol  
Fri Jun 10 16:59:27 GMT 2011 H-ALPHA End Patrol  
Fri Jun 10 17:05:23 GMT 2011 H-ALPHA Start Patrol  
Fri Jun 10 17:05:48 GMT 2011 CHIP Start Patrol  
Fri Jun 10 18:02:39 GMT 2011 CHIP LSD  
Fri Jun 10 18:04:07 GMT 2011 CHIP End LSD  
Fri Jun 10 18:04:13 GMT 2011 CHIP BiasLSD  
Fri Jun 10 18:05:00 GMT 2011 CHIP End BiasLSD  
Fri Jun 10 18:05:06 GMT 2011 CHIP Bias  
Fri Jun 10 18:05:35 GMT 2011 CHIP End Bias  
Fri Jun 10 18:05:41 GMT 2011 CHIP ReStart Patrol  
Fri Jun 10 18:12:21 GMT 2011 CHIP End Patrol

NOTE BY BEN: Fri Jun 10 18:12:28 GMT 2011

Idleing instruments since clouds are just too thick

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

Fri Jun 10 18:13:37 GMT 2011: PSPT Abort Patrol  
Fri Jun 10 18:14:27 GMT 2011 H-ALPHA End Patrol  
Fri Jun 10 20:52:29 GMT 2011: PSPT Start Patrol  
Fri Jun 10 20:52:44 GMT 2011 H-ALPHA Start Patrol  
Fri Jun 10 20:53:06 GMT 2011 CHIP Start Patrol

NOTE BY BEN: Fri Jun 10 20:53:57 GMT 2011

Some work on the shutter while the clouds were thick.

Shimming up the middle rollers, and straighen part of the right (when looking out) track appears to have stopped the drive gear from jumping our of the track when fully opened. There is still a lot of howling from somewhere in the shutter, I am beginning

to think that it is not comming from the L-bracket on top the drive gear when the top shutter is 1/2 open. More shutter wo rk if the clouds come back.

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

Fri Jun 10 22:23:04 GMT 2011 MKIV Start Patrol  
Fri Jun 10 22:40:52 GMT 2011 COMP Start Patrol  
Fri Jun 10 22:42:27 GMT 2011 MKIV End Patrol  
Fri Jun 10 22:42:33 GMT 2011 MKIV Start Cal  
Fri Jun 10 23:01:14 GMT 2011 MKIV End Cal  
Fri Jun 10 23:01:21 GMT 2011 MKIV Start Patrol  
Fri Jun 10 23:02:46 GMT 2011 CHIP LSD  
Fri Jun 10 23:04:21 GMT 2011 CHIP End LSD

Fri Jun 10 23:04:38 GMT 2011 CHIP BiasLSD  
Fri Jun 10 23:05:13 GMT 2011 CHIP End BiasLSD  
Fri Jun 10 23:05:25 GMT 2011 CHIP Bias  
Fri Jun 10 23:06:02 GMT 2011 CHIP End Bias  
Fri Jun 10 23:06:11 GMT 2011 CHIP ReStart Patrol

Sat Jun 11 00:08:05 GMT 2011 COMP End Patrol

NOTE BY BEN: Sat Jun 11 00:07:38 GMT 2011

idling Comp and Mk4 due to clouds

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

Sat Jun 11 00:12:09 GMT 2011 MKIV End Patrol

Sat Jun 11 00:27:07 GMT 2011: PSPT Start Patrol

Sat Jun 11 01:55:50 GMT 2011 CHIP End Patrol

NOTE BY BEN: Sat Jun 11 01:55:57 GMT 2011

Thick cloud idling everything

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

Sat Jun 11 01:56:25 GMT 2011: PSPT Abort Patrol

Sat Jun 11 01:57:57 GMT 2011 H-ALPHA End Patrol

Sat Jun 11 02:30:42 GMT 2011

MkIV

00_00.rawmk4	22_36.rawmk4	23_10.rawmk4	23_33.rawmk4	23_57.rawmk4
00_03.rawmk4	22_39.rawmk4	23_13.rawmk4	23_36.rawmk4	c22_42.rawmk4
00_06.rawmk4	22_45.rawmk4	23_16.rawmk4	23_39.rawmk4	c22_48.rawmk4
00_08.rawmk4	22_51.rawmk4	23_19.rawmk4	23_42.rawmk4	c22_54.rawmk4
22_23.rawmk4	22_57.rawmk4	23_21.rawmk4	23_45.rawmk4	
22_27.rawmk4	23_01.rawmk4	23_24.rawmk4	23_48.rawmk4	
22_30.rawmk4	23_04.rawmk4	23_27.rawmk4	23_51.rawmk4	
22_33.rawmk4	23_07.rawmk4	23_30.rawmk4	23_54.rawmk4	