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Mauna Loa Solar Observatory Observer's Log  
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Fri Dec 23 17:55:27 GMT 2011

Year: 11 Doy: 357

Observer: berkey

Fri Dec 23 18:35:13 GMT 2011 H-ALPHA Start Patrol

Fri Dec 23 18:35:32 GMT 2011 MKIV Start Patrol

Fri Dec 23 18:36:35 GMT 2011 CHIP Start Patrol

Fri Dec 23 18:39:46 GMT 2011 COMP Start Patrol

Fri Dec 23 18:39:57 GMT 2011: PSPT Start Patrol

Fri Dec 23 18:47:38 GMT 2011 MKIV End Patrol

Fri Dec 23 18:47:48 GMT 2011 MKIV Start Cal

WEATHER COMMENT: Fri Dec 23 17:55:24 GMT 2011

temp 35f, wind 10mph from the SE, blowing fog. Everything is very icy. Once I set my parking brake my truck slide across the parking lot, and later I slipped and fell burr. It looks like the fog should clear out soon to allow observing

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

NOTE BY BEN: Fri Dec 23 18:55:14 GMT 2011

Interesting promiance on at PA60

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

Fri Dec 23 19:06:34 GMT 2011 MKIV End Cal

Fri Dec 23 19:06:44 GMT 2011 MKIV Start Patrol

Fri Dec 23 19:40:50 GMT 2011: PSPT Abort Patrol

Fri Dec 23 19:40:34 GMT 2011 CHIP End Patrol

Fri Dec 23 19:41:01 GMT 2011: PSPT Abort Patrol

Fri Dec 23 19:41:08 GMT 2011: PSPT Abort Patrol

Fri Dec 23 19:41:20 GMT 2011 COMP End Patrol

Fri Dec 23 19:41:20 GMT 2011: PSPT Abort Patrol

NOTE BY BEN: Fri Dec 23 19:41:05 GMT 2011

A cloud just blew past the observatory. Domes are now closed and it looks like the optics didn't get wet

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

Fri Dec 23 19:42:25 GMT 2011 MKIV End Patrol

Fri Dec 23 19:54:29 GMT 2011: PSPT Start Patrol

Fri Dec 23 19:57:51 GMT 2011 H-ALPHA Start Patrol

Fri Dec 23 19:57:52 GMT 2011 CHIP Start Patrol

NOTE BY BEN: Fri Dec 23 19:58:13 GMT 2011

Lets try this one more time

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

Fri Dec 23 19:59:06 GMT 2011 COMP Start Patrol

Fri Dec 23 20:35:11 GMT 2011: PSPT Start Patrol

Fri Dec 23 20:40:58 GMT 2011 CHIP End Patrol

Fri Dec 23 20:41:57 GMT 2011 COMP End Patrol

Fri Dec 23 21:05:34 GMT 2011 H-ALPHA Start Patrol

Fri Dec 23 21:05:45 GMT 2011 MKIV Start Patrol

Fri Dec 23 21:05:35 GMT 2011 CHIP Start Patrol

Fri Dec 23 21:06:27 GMT 2011 COMP Start Patrol

Fri Dec 23 21:06:48 GMT 2011 H-ALPHA End Patrol

MKIV COMMENT BY BEN: Fri Dec 23 21:06:50 GMT 2011

Washed the MK4 O1, to get off some streaks I saw in the morning inspection. Looks like the O1 didn't reseal properly, the guider motor is railed north with a large S error remaining. I have tried to reseal it a couple of times and each time I get the same problem.

I will run this way for a little while, and think over how to fix this problem.

On a side note, I hope the ultrasonic cleaning works out. I am not much of an artist and hand washing is definitely an art

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

Fri Dec 23 21:29:49 GMT 2011 MKIV End Patrol  
Fri Dec 23 21:29:54 GMT 2011 MKIV Start Cal  
Fri Dec 23 21:48:36 GMT 2011 MKIV End Cal  
Fri Dec 23 21:48:43 GMT 2011 MKIV Start Patrol  
Fri Dec 23 22:03:44 GMT 2011 COMP End Patrol  
Fri Dec 23 22:04:28 GMT 2011 COMP Start Patrol  
Fri Dec 23 23:02:29 GMT 2011 CHIP LSD  
Fri Dec 23 23:04:15 GMT 2011 CHIP End LSD  
Fri Dec 23 23:04:26 GMT 2011 CHIP BiasLSD  
Fri Dec 23 23:05:17 GMT 2011 CHIP End BiasLSD  
Fri Dec 23 23:05:27 GMT 2011 CHIP Bias  
Fri Dec 23 23:06:13 GMT 2011 CHIP End Bias  
Fri Dec 23 23:06:21 GMT 2011 CHIP ReStart Patrol  
Sat Dec 24 00:04:08 GMT 2011 MKIV End Patrol

NOTE BY BEN: Sat Dec 24 00:04:17 GMT 2011

Gave a tour to some visitors.

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

Sat Dec 24 00:05:00 GMT 2011: PSPT Start Patrol  
Sat Dec 24 00:10:15 GMT 2011 CHIP End Patrol  
Sat Dec 24 00:11:53 GMT 2011 CHIP Start Patrol  
\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Sat Dec 24 00:42:23 GMT 2011

CME at PA60 associated with that large prominence group appear to have launched at 22:30UT

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

\*\*CHIP PROBLEM COMMENT BY BEN\*\*: Sat Dec 24 00:48:18 GMT 2011

Kii crashed for the second time today

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

Sat Dec 24 00:49:38 GMT 2011 CHIP Start Patrol  
Sat Dec 24 00:51:03 GMT 2011 COMP End Patrol  
Sat Dec 24 00:51:06 GMT 2011 COMP Start Patrol  
Sat Dec 24 01:55:55 GMT 2011: PSPT Abort Patrol  
Sat Dec 24 01:56:08 GMT 2011: PSPT Abort Patrol  
Sat Dec 24 01:56:17 GMT 2011: PSPT Abort Patrol  
Sat Dec 24 02:00:18 GMT 2011 CHIP End Patrol  
Sat Dec 24 02:01:08 GMT 2011 COMP End Patrol  
Sat Dec 24 02:04:41 GMT 2011 MKIV End Patrol  
Sat Dec 24 02:12:20 GMT 2011

MkIV

00\_00.rawmk4 01\_14.rawmk4 19\_09.rawmk4 21\_57.rawmk4 23\_13.rawmk4

00_03.rawmk4	01_17.rawmk4	19_12.rawmk4	22_00.rawmk4	23_16.rawmk4
00_06.rawmk4	01_20.rawmk4	19_15.rawmk4	22_03.rawmk4	23_19.rawmk4
00_09.rawmk4	01_23.rawmk4	19_18.rawmk4	22_06.rawmk4	23_22.rawmk4
00_12.rawmk4	01_26.rawmk4	19_21.rawmk4	22_09.rawmk4	23_25.rawmk4
00_15.rawmk4	01_29.rawmk4	19_24.rawmk4	22_12.rawmk4	23_28.rawmk4
00_18.rawmk4	01_32.rawmk4	19_27.rawmk4	22_15.rawmk4	23_31.rawmk4
00_21.rawmk4	01_35.rawmk4	19_30.rawmk4	22_18.rawmk4	23_34.rawmk4
00_24.rawmk4	01_37.rawmk4	19_33.rawmk4	22_21.rawmk4	23_37.rawmk4
00_27.rawmk4	01_40.rawmk4	19_36.rawmk4	22_23.rawmk4	23_40.rawmk4
00_30.rawmk4	01_43.rawmk4	19_39.rawmk4	22_29.rawmk4	23_43.rawmk4
00_33.rawmk4	01_46.rawmk4	21_05.rawmk4	22_33.rawmk4	23_46.rawmk4
00_36.rawmk4	01_49.rawmk4	21_08.rawmk4	22_36.rawmk4	23_49.rawmk4
00_39.rawmk4	01_52.rawmk4	21_11.rawmk4	22_39.rawmk4	23_52.rawmk4
00_42.rawmk4	01_55.rawmk4	21_14.rawmk4	22_42.rawmk4	23_55.rawmk4
00_45.rawmk4	01_58.rawmk4	21_17.rawmk4	22_45.rawmk4	23_58.rawmk4
00_48.rawmk4	02_01.rawmk4	21_20.rawmk4	22_48.rawmk4	c18_47.rawmk4
00_50.rawmk4	18_35.rawmk4	21_23.rawmk4	22_51.rawmk4	c18_53.rawmk4
00_53.rawmk4	18_38.rawmk4	21_26.rawmk4	22_52.rawmk4	c19_00.rawmk4
00_56.rawmk4	18_41.rawmk4	21_32.rawmk4	22_56.rawmk4	c21_29.rawmk4
00_59.rawmk4	18_44.rawmk4	21_39.rawmk4	22_59.rawmk4	c21_36.rawmk4
01_02.rawmk4	18_50.rawmk4	21_45.rawmk4	23_02.rawmk4	c21_42.rawmk4
01_05.rawmk4	18_56.rawmk4	21_48.rawmk4	23_05.rawmk4	
01_08.rawmk4	19_03.rawmk4	21_51.rawmk4	23_08.rawmk4	
01_11.rawmk4	19_06.rawmk4	21_54.rawmk4	23_10.rawmk4	