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Mauna Loa Solar Observatory Observer's Log  
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Thu Apr 19 16:31:10 GMT 2012

Year: 12 Doy: 110

Observer: stueben

WEATHER COMMENT: Thu Apr 19 16:31:23 GMT 2012

Scattered altocumulus, wind south 15-20 mph, temp 39F.

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

Thu Apr 19 16:43:34 GMT 2012 H-ALPHA Start Patrol  
Thu Apr 19 16:43:02 GMT 2012 CHIP Start Patrol  
Thu Apr 19 16:57:30 GMT 2012: PSPT Start Patrol  
Thu Apr 19 17:17:36 GMT 2012 MKIV Start Patrol  
Thu Apr 19 17:32:18 GMT 2012 COMP Start Patrol  
Thu Apr 19 18:01:43 GMT 2012 CHIP LSD  
Thu Apr 19 18:03:31 GMT 2012 CHIP End LSD  
Thu Apr 19 18:03:40 GMT 2012 CHIP BiasLSD  
Thu Apr 19 18:04:18 GMT 2012 CHIP End BiasLSD  
Thu Apr 19 18:04:37 GMT 2012 CHIP Bias  
Thu Apr 19 18:05:17 GMT 2012 CHIP End Bias  
Thu Apr 19 18:05:25 GMT 2012 CHIP ReStart Patrol  
Thu Apr 19 18:29:29 GMT 2012 MKIV End Patrol  
Thu Apr 19 18:29:35 GMT 2012 MKIV Start Cal  
Thu Apr 19 18:48:16 GMT 2012 MKIV End Cal  
Thu Apr 19 18:48:21 GMT 2012 MKIV Start Patrol

NOTE BY ALLEN: Thu Apr 19 20:13:29 GMT 2012

Reconfigured dome shutter.

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

Thu Apr 19 20:39:53 GMT 2012 COMP End Patrol  
Thu Apr 19 20:39:56 GMT 2012 COMP Start Patrol  
Thu Apr 19 20:40:48 GMT 2012 COMP End Patrol  
Thu Apr 19 20:45:16 GMT 2012 COMP Start Patrol  
Thu Apr 19 20:55:42 GMT 2012: PSPT Start Patrol  
Thu Apr 19 21:46:44 GMT 2012: PSPT Start Patrol  
Thu Apr 19 23:02:50 GMT 2012 CHIP LSD  
Thu Apr 19 23:04:34 GMT 2012 CHIP End LSD  
Thu Apr 19 23:04:43 GMT 2012 CHIP BiasLSD  
Thu Apr 19 23:05:20 GMT 2012 CHIP End BiasLSD  
Thu Apr 19 23:05:28 GMT 2012 CHIP Bias  
Thu Apr 19 23:06:00 GMT 2012 CHIP End Bias  
Thu Apr 19 23:06:07 GMT 2012 CHIP ReStart Patrol

WEATHER COMMENT: Thu Apr 19 23:25:49 GMT 2012

Orographic clouds are beginning to degrade images.

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

Thu Apr 19 23:51:53 GMT 2012 COMP End Patrol  
Thu Apr 19 23:51:55 GMT 2012 COMP Start Patrol  
Fri Apr 20 00:09:12 GMT 2012: PSPT Abort Patrol  
Fri Apr 20 00:11:53 GMT 2012 COMP End Patrol

Fri Apr 20 00:13:45 GMT 2012 MKIV End Patrol  
Fri Apr 20 00:13:37 GMT 2012 CHIP End Patrol  
Fri Apr 20 00:17:24 GMT 2012 H-ALPHA End Patrol

WEATHER COMMENT: Fri Apr 20 00:25:45 GMT 2012  
In clouds, instruments idled.

\_\_\_\_end\_\_\_\_  
Fri Apr 20 00:31:31 GMT 2012 H-ALPHA Start Patrol  
Fri Apr 20 00:30:28 GMT 2012 CHIP Start Patrol  
Fri Apr 20 00:41:56 GMT 2012: PSPT Start Patrol  
WEATHER COMMENT: Fri Apr 20 00:59:19 GMT 2012  
Some clearing, restarted except mk4 and comp.

\_\_\_\_end\_\_\_\_  
NOTE BY ALLEN: Fri Apr 20 02:08:44 GMT 2012  
I checked the condition of the lift battery mentioned in the log yesterday. Three of the six cells needed a bit of water added, but it doesn't charge well even after topping up the cells. Its probably time to start thinking about getting a replacement battery.

\_\_\_\_end\_\_\_\_  
Fri Apr 20 02:15:26 GMT 2012: PSPT Abort Patrol  
Fri Apr 20 02:20:22 GMT 2012 CHIP End Patrol  
Fri Apr 20 02:23:24 GMT 2012 H-ALPHA End Patrol  
Fri Apr 20 02:34:15 GMT 2012

MkIV

00_03.rawmk4	18_44.rawmk4	20_07.rawmk4	21_30.rawmk4	22_56.rawmk4
00_07.rawmk4	18_48.rawmk4	20_10.rawmk4	21_32.rawmk4	22_59.rawmk4
00_10.rawmk4	18_51.rawmk4	20_13.rawmk4	21_35.rawmk4	23_01.rawmk4
17_17.rawmk4	18_54.rawmk4	20_16.rawmk4	21_38.rawmk4	23_04.rawmk4
17_20.rawmk4	18_57.rawmk4	20_19.rawmk4	21_41.rawmk4	23_07.rawmk4
17_26.rawmk4	19_00.rawmk4	20_22.rawmk4	21_44.rawmk4	23_10.rawmk4
17_30.rawmk4	19_03.rawmk4	20_25.rawmk4	21_47.rawmk4	23_13.rawmk4
17_33.rawmk4	19_05.rawmk4	20_28.rawmk4	21_50.rawmk4	23_16.rawmk4
17_36.rawmk4	19_08.rawmk4	20_31.rawmk4	21_53.rawmk4	23_19.rawmk4
17_39.rawmk4	19_11.rawmk4	20_34.rawmk4	21_56.rawmk4	23_22.rawmk4
17_42.rawmk4	19_14.rawmk4	20_37.rawmk4	21_59.rawmk4	23_25.rawmk4
17_45.rawmk4	19_17.rawmk4	20_40.rawmk4	22_02.rawmk4	23_28.rawmk4
17_48.rawmk4	19_20.rawmk4	20_43.rawmk4	22_05.rawmk4	23_31.rawmk4
17_50.rawmk4	19_23.rawmk4	20_45.rawmk4	22_08.rawmk4	23_34.rawmk4
17_53.rawmk4	19_26.rawmk4	20_48.rawmk4	22_11.rawmk4	23_37.rawmk4
17_56.rawmk4	19_29.rawmk4	20_51.rawmk4	22_14.rawmk4	23_40.rawmk4
17_59.rawmk4	19_32.rawmk4	20_54.rawmk4	22_17.rawmk4	23_43.rawmk4
18_02.rawmk4	19_35.rawmk4	20_57.rawmk4	22_20.rawmk4	23_46.rawmk4
18_05.rawmk4	19_38.rawmk4	21_00.rawmk4	22_22.rawmk4	23_49.rawmk4
18_08.rawmk4	19_41.rawmk4	21_03.rawmk4	22_25.rawmk4	23_52.rawmk4
18_11.rawmk4	19_44.rawmk4	21_06.rawmk4	22_28.rawmk4	23_55.rawmk4
18_14.rawmk4	19_47.rawmk4	21_09.rawmk4	22_31.rawmk4	23_57.rawmk4
18_17.rawmk4	19_50.rawmk4	21_12.rawmk4	22_34.rawmk4	c18_29.rawmk4
18_20.rawmk4	19_52.rawmk4	21_15.rawmk4	22_37.rawmk4	c18_35.rawmk4

18_23.rawmk4	19_55.rawmk4	21_18.rawmk4	22_40.rawmk4	c18_41.rawmk4
18_26.rawmk4	19_58.rawmk4	21_21.rawmk4	22_43.rawmk4	
18_32.rawmk4	20_01.rawmk4	21_24.rawmk4	22_49.rawmk4	
18_38.rawmk4	20_04.rawmk4	21_27.rawmk4	22_53.rawmk4	