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Mauna Loa Solar Observatory Observer's Log  
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Wed Aug 22 16:25:11 GMT 2012

Year: 12 Doy: 235

Observer: berkey

Wed Aug 22 16:36:23 GMT 2012 CHIP Start Patrol

Wed Aug 22 16:39:01 GMT 2012 COMP Start Patrol

Wed Aug 22 16:42:27 GMT 2012: PSPT Start Patrol

Wed Aug 22 16:49:57 GMT 2012 COMP End Patrol

Wed Aug 22 16:50:51 GMT 2012 MKIV Start Patrol

Wed Aug 22 16:53:03 GMT 2012 COMP Start Patrol

Wed Aug 22 17:04:05 GMT 2012 COMP End Patrol

Wed Aug 22 17:05:11 GMT 2012 COMP Start Patrol

WEATHER COMMENT: Wed Aug 22 17:06:56 GMT 2012

Clear skies, temp 45f, wind 15mph from SW

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

CoMP COMMENT BY BEN: Wed Aug 22 17:07:32 GMT 2012

I cant get the auto-occulter centering code to converge. I think this is due to motor slips in the positive E-W occulter axis. Occulter has been aligned by hand reasonably close but there isnt enough acuator range to get things perfect.

Note: the occulter.rcp has been removed from comp.cbk to prevent things from blowing up every time the cookbook is run.

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

Wed Aug 22 18:00:51 GMT 2012 CHIP LSD

Wed Aug 22 18:02:40 GMT 2012 CHIP End LSD

Wed Aug 22 18:02:48 GMT 2012 CHIP BiasLSD

Wed Aug 22 18:03:39 GMT 2012 CHIP End BiasLSD

Wed Aug 22 18:03:47 GMT 2012 CHIP Bias

Wed Aug 22 18:04:36 GMT 2012 CHIP End Bias

Wed Aug 22 18:04:43 GMT 2012 CHIP ReStart Patrol

Wed Aug 22 18:13:45 GMT 2012 MKIV End Patrol

Wed Aug 22 18:13:55 GMT 2012 MKIV Start Cal

Wed Aug 22 18:16:36 GMT 2012: PSPT Abort Patrol

Wed Aug 22 18:16:44 GMT 2012: PSPT Abort Patrol

Wed Aug 22 18:16:54 GMT 2012: PSPT Abort Patrol

Wed Aug 22 18:17:46 GMT 2012: PSPT Start Patrol

Wed Aug 22 18:32:52 GMT 2012 MKIV End Cal

Wed Aug 22 18:33:00 GMT 2012 MKIV Start Patrol

Wed Aug 22 20:04:39 GMT 2012 COMP End Patrol

Wed Aug 22 20:04:41 GMT 2012 COMP Start Patrol

NOTE BY BEN: Wed Aug 22 20:10:42 GMT 2012

Lots of bombing in the saddle today.

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

Wed Aug 22 20:11:21 GMT 2012 COMP End Patrol

Wed Aug 22 20:13:11 GMT 2012 MKIV End Patrol

Wed Aug 22 20:24:19 GMT 2012 MKIV Start Patrol

NOTE BY BEN: Wed Aug 22 20:24:02 GMT 2012

moved bottom shutter down

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

\*\*CHIP PROBLEM COMMENT BY BEN\*\* : Wed Aug 22 20:24:25 GMT 2012  
Chip chiller had low fluid level alarm on. Added about 1/3 of a gallon and cleared the alarm.

\_\_\_\_end\_\_\_\_  
Wed Aug 22 20:25:13 GMT 2012 COMP Start Patrol  
Wed Aug 22 20:24:45 GMT 2012 CHIP End Patrol  
Wed Aug 22 20:26:11 GMT 2012 CHIP Start Patrol  
NOTE BY BEN: Wed Aug 22 21:37:08 GMT 2012

some passing clouds  
\_\_\_\_end\_\_\_\_  
Wed Aug 22 22:08:10 GMT 2012 CHIP End Patrol  
Wed Aug 22 22:20:38 GMT 2012 COMP End Patrol  
Wed Aug 22 22:21:28 GMT 2012: PSPT Abort Patrol  
Wed Aug 22 22:21:36 GMT 2012: PSPT Abort Patrol  
Wed Aug 22 22:21:44 GMT 2012: PSPT Abort Patrol

NOTE BY BEN: Wed Aug 22 22:21:37 GMT 2012  
Low wet clouds moving in near the observatory, closing domes until they pass

\_\_\_\_end\_\_\_\_  
Wed Aug 22 22:23:09 GMT 2012 MKIV End Patrol  
Thu Aug 23 00:12:50 GMT 2012  
MkIV

16_50.rawmk4	17_55.rawmk4	19_11.rawmk4	20_27.rawmk4	21_35.rawmk4
16_53.rawmk4	17_58.rawmk4	19_14.rawmk4	20_30.rawmk4	21_38.rawmk4
16_56.rawmk4	18_01.rawmk4	19_17.rawmk4	20_36.rawmk4	21_41.rawmk4
16_59.rawmk4	18_04.rawmk4	19_20.rawmk4	20_39.rawmk4	21_44.rawmk4
17_02.rawmk4	18_07.rawmk4	19_22.rawmk4	20_42.rawmk4	21_47.rawmk4
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17_17.rawmk4	18_32.rawmk4	19_37.rawmk4	20_57.rawmk4	22_02.rawmk4
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17_38.rawmk4	18_53.rawmk4	19_58.rawmk4	21_18.rawmk4	c18_13.rawmk4
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17_52.rawmk4	19_08.rawmk4	20_24.rawmk4	21_32.rawmk4	