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Mauna Loa Solar Observatory Observer's Log

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Sat Jul 21 16:25:36 GMT 2012

Year: 12 Doy: 203

Observer: stueben

WEATHER COMMENT: Sat Jul 21 16:26:15 GMT 2012

Clear, wind south 10-15 mph, temp 46F.

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

Sat Jul 21 16:38:30 GMT 2012 H-ALPHA Start Patrol

Sat Jul 21 16:39:42 GMT 2012 CHIP Start Patrol

Sat Jul 21 16:59:12 GMT 2012 MKIV Start Patrol

Sat Jul 21 16:59:28 GMT 2012: PSPT Start Patrol

\*\*COMP PROBLEM COMMENT BY ALLEN\*\*: Sat Jul 21 17:35:02 GMT 2012

Can't get comp to run - investigating.

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

Sat Jul 21 17:56:08 GMT 2012 COMP Start Patrol

Sat Jul 21 18:00:39 GMT 2012 CHIP LSD

Sat Jul 21 18:02:26 GMT 2012 CHIP End LSD

Sat Jul 21 18:02:35 GMT 2012 CHIP BiasLSD

Sat Jul 21 18:03:22 GMT 2012 CHIP End BiasLSD

Sat Jul 21 18:03:32 GMT 2012 CHIP Bias

Sat Jul 21 18:04:18 GMT 2012 CHIP End Bias

Sat Jul 21 18:04:26 GMT 2012 CHIP ReStart Patrol

Sat Jul 21 18:10:16 GMT 2012 MKIV End Patrol

Sat Jul 21 18:10:22 GMT 2012 MKIV Start Cal

Sat Jul 21 18:29:58 GMT 2012 MKIV End Cal

Sat Jul 21 18:32:30 GMT 2012 MKIV Start Patrol

Sat Jul 21 19:04:28 GMT 2012: PSPT Start Patrol

Sat Jul 21 19:31:46 GMT 2012 MKIV End Patrol

Sat Jul 21 19:39:03 GMT 2012 MKIV Start Patrol

NOTE BY ALLEN: Sat Jul 21 19:39:21 GMT 2012

Reconfigured dome shutter.

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

Sat Jul 21 19:45:31 GMT 2012 COMP Start Patrol

\*\*COMP PROBLEM COMMENT BY ALLEN\*\*: Sat Jul 21 19:50:05 GMT 2012

Comp is running again. The E/W occulter controller had a hard error. The comp gui didn't show any problems, it would simply hang up in any routine that tried to move the occulter. Resetting the error required holding in the manual E/W control on the back of comp for 5 seconds, which resets and homes the controller. The controller has a status led which is supposed to show red for an error but it looks almost identical to "yellow" (which looks deep red/orange) unless you look at it from just the right angle.

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

Sat Jul 21 21:49:39 GMT 2012 CHIP End Patrol

Sat Jul 21 21:51:14 GMT 2012 Sat Jul 21 21:51:05 GMT 2012 COMP End Patrol

: PSPT Abort Patrol

Sat Jul 21 21:52:18 GMT 2012 H-ALPHA End Patrol

Sat Jul 21 21:54:40 GMT 2012 MKIV End Patrol

WEATHER COMMENT: Sat Jul 21 21:59:52 GMT 2012

In orographic clouds, instruments idled.

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

Sat Jul 21 23:39:35 GMT 2012

MkIV

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| 16_59.rawmk4 | 17_55.rawmk4 | 19_04.rawmk4 | 20_08.rawmk4 | 21_04.rawmk4 |
| 17_02.rawmk4 | 17_58.rawmk4 | 19_07.rawmk4 | 20_11.rawmk4 | 21_07.rawmk4 |
| 17_05.rawmk4 | 18_01.rawmk4 | 19_10.rawmk4 | 20_14.rawmk4 | 21_10.rawmk4 |
| 17_08.rawmk4 | 18_03.rawmk4 | 19_13.rawmk4 | 20_17.rawmk4 | 21_13.rawmk4 |
| 17_11.rawmk4 | 18_06.rawmk4 | 19_16.rawmk4 | 20_20.rawmk4 | 21_16.rawmk4 |
| 17_14.rawmk4 | 18_13.rawmk4 | 19_19.rawmk4 | 20_23.rawmk4 | 21_19.rawmk4 |
| 17_17.rawmk4 | 18_19.rawmk4 | 19_22.rawmk4 | 20_26.rawmk4 | 21_21.rawmk4 |
| 17_19.rawmk4 | 18_26.rawmk4 | 19_25.rawmk4 | 20_29.rawmk4 | 21_24.rawmk4 |
| 17_22.rawmk4 | 18_32.rawmk4 | 19_28.rawmk4 | 20_31.rawmk4 | 21_27.rawmk4 |
| 17_25.rawmk4 | 18_35.rawmk4 | 19_39.rawmk4 | 20_34.rawmk4 | 21_30.rawmk4 |
| 17_28.rawmk4 | 18_38.rawmk4 | 19_42.rawmk4 | 20_37.rawmk4 | 21_33.rawmk4 |
| 17_31.rawmk4 | 18_41.rawmk4 | 19_44.rawmk4 | 20_40.rawmk4 | 21_36.rawmk4 |

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| 17_34.rawmk4 | 18_44.rawmk4 | 19_47.rawmk4 | 20_43.rawmk4 | 21_39.rawmk4  |
| 17_37.rawmk4 | 18_47.rawmk4 | 19_50.rawmk4 | 20_46.rawmk4 | 21_42.rawmk4  |
| 17_40.rawmk4 | 18_50.rawmk4 | 19_53.rawmk4 | 20_49.rawmk4 | 21_45.rawmk4  |
| 17_43.rawmk4 | 18_53.rawmk4 | 19_56.rawmk4 | 20_52.rawmk4 | 21_48.rawmk4  |
| 17_46.rawmk4 | 18_56.rawmk4 | 19_59.rawmk4 | 20_55.rawmk4 | 21_51.rawmk4  |
| 17_49.rawmk4 | 18_59.rawmk4 | 20_02.rawmk4 | 20_58.rawmk4 | c18_10.rawmk4 |
| 17_52.rawmk4 | 19_01.rawmk4 | 20_05.rawmk4 | 21_01.rawmk4 | c18_23.rawmk4 |