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Mauna Loa Solar Observatory Observer's Log  
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Wed Nov 4 17:16:02 GMT 2009

Year: 09 Doy: 308

Observer: koon

WEATHER COMMENT: Wed Nov 4 17:16:05 GMT 2009

Medium cirrostratus overcast, wind=3 mph from the SE, temp=44F.

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

Wed Nov 4 17:24:05 GMT 2009 PICS Start Patrol

Wed Nov 4 17:25:01 GMT 2009 CHIP Start Patrol

Wed Nov 4 17:28:06 GMT 2009 MKIV Start Patrol

PSPT COMMENT: Wed Nov 4 17:46:06 GMT 2009

Obs.

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

Wed Nov 4 18:01:00 GMT 2009 PICS Flat

Wed Nov 4 18:01:35 GMT 2009 CHIP LSD

Wed Nov 4 18:03:00 GMT 2009 CHIP End LSD

Wed Nov 4 18:03:09 GMT 2009 CHIP BiasLSD

Wed Nov 4 18:03:18 GMT 2009 PICS End Flat

Wed Nov 4 18:03:32 GMT 2009 PICS ReStart Patrol

Wed Nov 4 18:03:56 GMT 2009 CHIP End BiasLSD

Wed Nov 4 18:04:13 GMT 2009 CHIP Bias

Wed Nov 4 18:04:57 GMT 2009 CHIP End Bias

Wed Nov 4 18:05:04 GMT 2009 CHIP ReStart Patrol

\*\*PSPT PROBLEM\*\*: Wed Nov 4 18:36:43 GMT 2009

Crashed, restarted.

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

Wed Nov 4 19:08:22 GMT 2009 MKIV End Patrol

Wed Nov 4 19:08:28 GMT 2009 MKIV Start Cal

Wed Nov 4 19:27:15 GMT 2009 MKIV End Cal

Wed Nov 4 20:06:03 GMT 2009 MKIV Start Patrol

Wed Nov 4 23:02:35 GMT 2009 CHIP LSD

Wed Nov 4 23:04:01 GMT 2009 CHIP End LSD

Wed Nov 4 23:04:11 GMT 2009 CHIP BiasLSD

Wed Nov 4 23:04:47 GMT 2009 CHIP End BiasLSD

Wed Nov 4 23:04:58 GMT 2009 CHIP Bias

Wed Nov 4 23:05:32 GMT 2009 CHIP End Bias

Wed Nov 4 23:05:39 GMT 2009 CHIP ReStart Patrol

COMMENT: Wed Nov 4 23:26:21 GMT 2009

Lost RA guiding, repointed and reset guider.

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

Thu Nov 5 00:28:55 GMT 2009 CHIP End Patrol

Thu Nov 5 00:29:06 GMT 2009 PICS End Patrol

Thu Nov 5 00:31:38 GMT 2009 MKIV End Patrol

COMMENT: Thu Nov 5 00:39:35 GMT 2009

Rick Johnson and Lance Jones were up here today, we did a lot of good stuff.

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

Thu Nov 5 00:45:24 GMT 2009

MkIV

|              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|
| 00_02.rawmk4 | 18_15.rawmk4 | 20_20.rawmk4 | 21_37.rawmk4 | 22_57.rawmk4 |
| 00_04.rawmk4 | 18_18.rawmk4 | 20_23.rawmk4 | 21_40.rawmk4 | 23_00.rawmk4 |
| 00_07.rawmk4 | 18_21.rawmk4 | 20_26.rawmk4 | 21_43.rawmk4 | 23_03.rawmk4 |
| 00_10.rawmk4 | 18_24.rawmk4 | 20_29.rawmk4 | 21_46.rawmk4 | 23_06.rawmk4 |
| 00_13.rawmk4 | 18_27.rawmk4 | 20_32.rawmk4 | 21_48.rawmk4 | 23_09.rawmk4 |
| 00_16.rawmk4 | 18_30.rawmk4 | 20_35.rawmk4 | 21_51.rawmk4 | 23_12.rawmk4 |
| 00_19.rawmk4 | 18_32.rawmk4 | 20_38.rawmk4 | 21_54.rawmk4 | 23_15.rawmk4 |
| 00_22.rawmk4 | 18_35.rawmk4 | 20_41.rawmk4 | 21_57.rawmk4 | 23_18.rawmk4 |
| 00_25.rawmk4 | 18_38.rawmk4 | 20_44.rawmk4 | 22_00.rawmk4 | 23_20.rawmk4 |
| 00_28.rawmk4 | 18_41.rawmk4 | 20_47.rawmk4 | 22_03.rawmk4 | 23_23.rawmk4 |
| 17_28.rawmk4 | 18_44.rawmk4 | 20_50.rawmk4 | 22_06.rawmk4 | 23_26.rawmk4 |
| 17_31.rawmk4 | 18_47.rawmk4 | 20_53.rawmk4 | 22_09.rawmk4 | 23_29.rawmk4 |
| 17_34.rawmk4 | 18_50.rawmk4 | 20_56.rawmk4 | 22_12.rawmk4 | 23_32.rawmk4 |
| 17_37.rawmk4 | 18_53.rawmk4 | 20_58.rawmk4 | 22_15.rawmk4 | 23_35.rawmk4 |
| 17_39.rawmk4 | 18_56.rawmk4 | 21_01.rawmk4 | 22_18.rawmk4 | 23_38.rawmk4 |
| 17_42.rawmk4 | 18_59.rawmk4 | 21_04.rawmk4 | 22_21.rawmk4 | 23_41.rawmk4 |

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| 17_45.rawmk4 | 19_02.rawmk4 | 21_07.rawmk4 | 22_24.rawmk4 | 23_44.rawmk4  |
| 17_48.rawmk4 | 19_05.rawmk4 | 21_10.rawmk4 | 22_27.rawmk4 | 23_47.rawmk4  |
| 17_51.rawmk4 | 19_11.rawmk4 | 21_13.rawmk4 | 22_30.rawmk4 | 23_50.rawmk4  |
| 17_54.rawmk4 | 19_17.rawmk4 | 21_16.rawmk4 | 22_33.rawmk4 | 23_53.rawmk4  |
| 17_57.rawmk4 | 19_23.rawmk4 | 21_19.rawmk4 | 22_35.rawmk4 | 23_56.rawmk4  |
| 18_00.rawmk4 | 20_06.rawmk4 | 21_22.rawmk4 | 22_41.rawmk4 | 23_59.rawmk4  |
| 18_03.rawmk4 | 20_09.rawmk4 | 21_25.rawmk4 | 22_45.rawmk4 | c19_08.rawmk4 |
| 18_06.rawmk4 | 20_11.rawmk4 | 21_28.rawmk4 | 22_48.rawmk4 | c19_14.rawmk4 |
| 18_09.rawmk4 | 20_14.rawmk4 | 21_31.rawmk4 | 22_51.rawmk4 | c19_20.rawmk4 |
| 18_12.rawmk4 | 20_17.rawmk4 | 21_34.rawmk4 | 22_54.rawmk4 |               |