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Mauna Loa Solar Observatory Observer's Log  
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Thu Jan 14 17:03:24 GMT 2010

Year: 10 Doy: 014

Observer: stueben

WEATHER COMMENT: Thu Jan 14 17:03:44 GMT 2010

Cirrostratus to the east, scattered cirrus elsewhere, wind southwest 10-15 mph,  
temp 37F.

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

|                              |      |                |
|------------------------------|------|----------------|
| Thu Jan 14 17:41:33 GMT 2010 | CHIP | Start Patrol   |
| Thu Jan 14 17:41:54 GMT 2010 | PICS | Start Patrol   |
| Thu Jan 14 18:01:03 GMT 2010 | PICS | Flat           |
| Thu Jan 14 18:02:51 GMT 2010 | CHIP | LSD            |
| Thu Jan 14 18:03:20 GMT 2010 | PICS | End Flat       |
| Thu Jan 14 18:03:25 GMT 2010 | PICS | ReStart Patrol |
| Thu Jan 14 18:04:25 GMT 2010 | CHIP | End LSD        |
| Thu Jan 14 18:04:31 GMT 2010 | CHIP | BiasLSD        |
| Thu Jan 14 18:05:15 GMT 2010 | CHIP | End BiasLSD    |
| Thu Jan 14 18:05:21 GMT 2010 | CHIP | Bias           |
| Thu Jan 14 18:06:00 GMT 2010 | CHIP | End Bias       |
| Thu Jan 14 18:06:05 GMT 2010 | CHIP | ReStart Patrol |
| Thu Jan 14 18:16:25 GMT 2010 | MKIV | Start Patrol   |

PSPT COMMENT: Thu Jan 14 18:24:55 GMT 2010

Observing.

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

WEATHER COMMENT: Thu Jan 14 19:28:40 GMT 2010

In thin/moderate density cirrus, Mk4 idled.

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

|                              |      |              |
|------------------------------|------|--------------|
| Thu Jan 14 19:46:28 GMT 2010 | MKIV | End Patrol   |
| Thu Jan 14 20:20:43 GMT 2010 | MKIV | Start Patrol |

WEATHER COMMENT: Thu Jan 14 20:21:25 GMT 2010

Clouds have cleared, Mk4 restarted.

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

|                              |      |                |
|------------------------------|------|----------------|
| Thu Jan 14 20:26:52 GMT 2010 | MKIV | End Patrol     |
| Thu Jan 14 20:26:57 GMT 2010 | MKIV | Start Cal      |
| Thu Jan 14 20:45:43 GMT 2010 | MKIV | End Cal        |
| Thu Jan 14 20:45:53 GMT 2010 | MKIV | Start Patrol   |
| Thu Jan 14 23:00:52 GMT 2010 | CHIP | LSD            |
| Thu Jan 14 23:02:19 GMT 2010 | CHIP | End LSD        |
| Thu Jan 14 23:02:28 GMT 2010 | CHIP | BiasLSD        |
| Thu Jan 14 23:03:06 GMT 2010 | CHIP | End BiasLSD    |
| Thu Jan 14 23:03:14 GMT 2010 | CHIP | Bias           |
| Thu Jan 14 23:03:45 GMT 2010 | CHIP | End Bias       |
| Thu Jan 14 23:03:53 GMT 2010 | CHIP | ReStart Patrol |
| Fri Jan 15 02:24:21 GMT 2010 | CHIP | End Patrol     |
| Fri Jan 15 02:25:22 GMT 2010 | PICS | End Patrol     |
| Fri Jan 15 02:30:20 GMT 2010 |      |                |

## MkIV

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 00_00.rawmk4 | 01_25.rawmk4 | 18_45.rawmk4 | 21_15.rawmk4 | 22_44.rawmk4  |
| 00_03.rawmk4 | 01_28.rawmk4 | 18_48.rawmk4 | 21_18.rawmk4 | 22_47.rawmk4  |
| 00_06.rawmk4 | 01_31.rawmk4 | 18_51.rawmk4 | 21_21.rawmk4 | 22_50.rawmk4  |
| 00_09.rawmk4 | 01_34.rawmk4 | 18_54.rawmk4 | 21_24.rawmk4 | 22_53.rawmk4  |
| 00_12.rawmk4 | 01_37.rawmk4 | 18_57.rawmk4 | 21_26.rawmk4 | 22_56.rawmk4  |
| 00_15.rawmk4 | 01_40.rawmk4 | 19_00.rawmk4 | 21_29.rawmk4 | 22_58.rawmk4  |
| 00_18.rawmk4 | 01_43.rawmk4 | 19_03.rawmk4 | 21_32.rawmk4 | 23_01.rawmk4  |
| 00_21.rawmk4 | 01_46.rawmk4 | 19_06.rawmk4 | 21_35.rawmk4 | 23_04.rawmk4  |
| 00_24.rawmk4 | 01_49.rawmk4 | 19_09.rawmk4 | 21_41.rawmk4 | 23_07.rawmk4  |
| 00_26.rawmk4 | 01_52.rawmk4 | 19_12.rawmk4 | 21_45.rawmk4 | 23_10.rawmk4  |
| 00_29.rawmk4 | 01_55.rawmk4 | 19_15.rawmk4 | 21_48.rawmk4 | 23_13.rawmk4  |
| 00_32.rawmk4 | 01_58.rawmk4 | 19_18.rawmk4 | 21_51.rawmk4 | 23_16.rawmk4  |
| 00_35.rawmk4 | 02_00.rawmk4 | 19_21.rawmk4 | 21_54.rawmk4 | 23_19.rawmk4  |
| 00_38.rawmk4 | 02_03.rawmk4 | 19_24.rawmk4 | 21_57.rawmk4 | 23_22.rawmk4  |
| 00_41.rawmk4 | 02_06.rawmk4 | 20_20.rawmk4 | 22_00.rawmk4 | 23_25.rawmk4  |
| 00_44.rawmk4 | 02_09.rawmk4 | 20_23.rawmk4 | 22_03.rawmk4 | 23_28.rawmk4  |
| 00_47.rawmk4 | 02_12.rawmk4 | 20_30.rawmk4 | 22_06.rawmk4 | 23_31.rawmk4  |
| 00_50.rawmk4 | 02_15.rawmk4 | 20_36.rawmk4 | 22_08.rawmk4 | 23_34.rawmk4  |
| 00_53.rawmk4 | 02_18.rawmk4 | 20_42.rawmk4 | 22_11.rawmk4 | 23_37.rawmk4  |
| 00_56.rawmk4 | 18_16.rawmk4 | 20_45.rawmk4 | 22_14.rawmk4 | 23_40.rawmk4  |
| 00_59.rawmk4 | 18_19.rawmk4 | 20_48.rawmk4 | 22_17.rawmk4 | 23_42.rawmk4  |
| 01_02.rawmk4 | 18_22.rawmk4 | 20_51.rawmk4 | 22_20.rawmk4 | 23_45.rawmk4  |
| 01_05.rawmk4 | 18_25.rawmk4 | 20_54.rawmk4 | 22_23.rawmk4 | 23_48.rawmk4  |
| 01_08.rawmk4 | 18_28.rawmk4 | 20_57.rawmk4 | 22_26.rawmk4 | 23_51.rawmk4  |
| 01_11.rawmk4 | 18_31.rawmk4 | 21_00.rawmk4 | 22_29.rawmk4 | 23_54.rawmk4  |
| 01_14.rawmk4 | 18_34.rawmk4 | 21_03.rawmk4 | 22_32.rawmk4 | 23_57.rawmk4  |
| 01_16.rawmk4 | 18_37.rawmk4 | 21_06.rawmk4 | 22_35.rawmk4 | c20_26.rawmk4 |
| 01_19.rawmk4 | 18_40.rawmk4 | 21_09.rawmk4 | 22_38.rawmk4 | c20_33.rawmk4 |
| 01_22.rawmk4 | 18_43.rawmk4 | 21_12.rawmk4 | 22_41.rawmk4 | c20_39.rawmk4 |