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Mauna Loa Solar Observatory Observer's Log  
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Mon Feb 22 17:01:36 GMT 2010

Year: 10 Doy: 053

Observer: berkey

WEATHER COMMENT: Mon Feb 22 17:10:51 GMT 2010

Clear skies, temp 38F, winds 10mph from the south

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

Mon Feb 22 17:12:07 GMT 2010 PICS Start Patrol  
Mon Feb 22 17:12:08 GMT 2010 CHIP Start Patrol  
Mon Feb 22 17:40:26 GMT 2010 MKIV Start Patrol  
Mon Feb 22 18:00:37 GMT 2010 CHIP LSD  
Mon Feb 22 18:01:09 GMT 2010 PICS Flat  
Mon Feb 22 18:02:02 GMT 2010 CHIP End LSD  
Mon Feb 22 18:02:10 GMT 2010 CHIP BiasLSD  
Mon Feb 22 18:03:00 GMT 2010 CHIP End BiasLSD  
Mon Feb 22 18:03:09 GMT 2010 CHIP Bias  
Mon Feb 22 18:03:40 GMT 2010 PICS End Flat  
Mon Feb 22 18:03:47 GMT 2010 PICS ReStart Patrol  
Mon Feb 22 18:03:50 GMT 2010 CHIP End Bias  
Mon Feb 22 18:04:03 GMT 2010 CHIP ReStart Patrol  
Mon Feb 22 18:28:11 GMT 2010 MKIV End Patrol  
Mon Feb 22 18:28:18 GMT 2010 MKIV Start Cal  
Mon Feb 22 18:46:59 GMT 2010 MKIV End Cal  
Mon Feb 22 18:47:05 GMT 2010 MKIV Start Patrol

PSPT COMMENT: Mon Feb 22 22:46:41 GMT 2010

Pspt mount vibrations

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

Mon Feb 22 23:01:50 GMT 2010 CHIP LSD  
Mon Feb 22 23:03:18 GMT 2010 CHIP End LSD  
Mon Feb 22 23:03:30 GMT 2010 CHIP BiasLSD  
Mon Feb 22 23:04:16 GMT 2010 CHIP End BiasLSD  
Mon Feb 22 23:04:25 GMT 2010 CHIP Bias  
Mon Feb 22 23:04:56 GMT 2010 CHIP End Bias  
Mon Feb 22 23:05:03 GMT 2010 CHIP ReStart Patrol

WEATHER COMMENT: Tue Feb 23 00:00:52 GMT 2010

Yuck, the air tastes sulfuric there is a thick vog cloud in the saddle and the thin top layer has risen above MLSO.

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

\*\*PSPT PROBLEM\*\*: Tue Feb 23 00:13:46 GMT 2010

Crashed about 0005UT, killed and restarted.

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

Tue Feb 23 02:19:58 GMT 2010 CHIP End Patrol  
Tue Feb 23 02:19:59 GMT 2010 PICS End Patrol  
Tue Feb 23 02:21:36 GMT 2010 MKIV End Patrol  
Tue Feb 23 02:22:06 GMT 2010

MkIV

|              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|
| 00_02.rawmk4 | 01_45.rawmk4 | 19_01.rawmk4 | 20_44.rawmk4 | 22_27.rawmk4 |
| 00_05.rawmk4 | 01_48.rawmk4 | 19_04.rawmk4 | 20_47.rawmk4 | 22_30.rawmk4 |
| 00_08.rawmk4 | 01_51.rawmk4 | 19_07.rawmk4 | 20_50.rawmk4 | 22_33.rawmk4 |
| 00_11.rawmk4 | 01_54.rawmk4 | 19_10.rawmk4 | 20_53.rawmk4 | 22_36.rawmk4 |
| 00_14.rawmk4 | 01_57.rawmk4 | 19_13.rawmk4 | 20_56.rawmk4 | 22_39.rawmk4 |
| 00_17.rawmk4 | 01_59.rawmk4 | 19_16.rawmk4 | 20_59.rawmk4 | 22_45.rawmk4 |
| 00_20.rawmk4 | 02_02.rawmk4 | 19_19.rawmk4 | 21_02.rawmk4 | 22_48.rawmk4 |
| 00_23.rawmk4 | 02_05.rawmk4 | 19_22.rawmk4 | 21_05.rawmk4 | 22_51.rawmk4 |
| 00_25.rawmk4 | 02_11.rawmk4 | 19_25.rawmk4 | 21_08.rawmk4 | 22_54.rawmk4 |
| 00_28.rawmk4 | 02_15.rawmk4 | 19_28.rawmk4 | 21_11.rawmk4 | 22_57.rawmk4 |
| 00_31.rawmk4 | 02_18.rawmk4 | 19_31.rawmk4 | 21_14.rawmk4 | 23_00.rawmk4 |
| 00_34.rawmk4 | 17_40.rawmk4 | 19_34.rawmk4 | 21_17.rawmk4 | 23_03.rawmk4 |
| 00_37.rawmk4 | 17_43.rawmk4 | 19_37.rawmk4 | 21_19.rawmk4 | 23_06.rawmk4 |
| 00_40.rawmk4 | 17_46.rawmk4 | 19_40.rawmk4 | 21_22.rawmk4 | 23_09.rawmk4 |
| 00_43.rawmk4 | 17_49.rawmk4 | 19_42.rawmk4 | 21_25.rawmk4 | 23_12.rawmk4 |
| 00_46.rawmk4 | 17_52.rawmk4 | 19_45.rawmk4 | 21_28.rawmk4 | 23_15.rawmk4 |
| 00_49.rawmk4 | 17_55.rawmk4 | 19_48.rawmk4 | 21_31.rawmk4 | 23_18.rawmk4 |
| 00_52.rawmk4 | 17_58.rawmk4 | 19_51.rawmk4 | 21_34.rawmk4 | 23_21.rawmk4 |

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| 00_55.rawmk4 | 18_01.rawmk4 | 19_54.rawmk4 | 21_37.rawmk4 | 23_24.rawmk4  |
| 00_58.rawmk4 | 18_04.rawmk4 | 19_57.rawmk4 | 21_40.rawmk4 | 23_27.rawmk4  |
| 01_01.rawmk4 | 18_07.rawmk4 | 20_00.rawmk4 | 21_43.rawmk4 | 23_30.rawmk4  |
| 01_04.rawmk4 | 18_10.rawmk4 | 20_03.rawmk4 | 21_46.rawmk4 | 23_33.rawmk4  |
| 01_07.rawmk4 | 18_13.rawmk4 | 20_06.rawmk4 | 21_49.rawmk4 | 23_36.rawmk4  |
| 01_10.rawmk4 | 18_16.rawmk4 | 20_09.rawmk4 | 21_52.rawmk4 | 23_38.rawmk4  |
| 01_12.rawmk4 | 18_18.rawmk4 | 20_12.rawmk4 | 21_55.rawmk4 | 23_41.rawmk4  |
| 01_15.rawmk4 | 18_21.rawmk4 | 20_15.rawmk4 | 21_58.rawmk4 | 23_44.rawmk4  |
| 01_18.rawmk4 | 18_24.rawmk4 | 20_18.rawmk4 | 22_01.rawmk4 | 23_47.rawmk4  |
| 01_21.rawmk4 | 18_31.rawmk4 | 20_21.rawmk4 | 22_04.rawmk4 | 23_50.rawmk4  |
| 01_24.rawmk4 | 18_37.rawmk4 | 20_24.rawmk4 | 22_06.rawmk4 | 23_53.rawmk4  |
| 01_27.rawmk4 | 18_43.rawmk4 | 20_27.rawmk4 | 22_09.rawmk4 | 23_56.rawmk4  |
| 01_30.rawmk4 | 18_47.rawmk4 | 20_29.rawmk4 | 22_12.rawmk4 | 23_59.rawmk4  |
| 01_33.rawmk4 | 18_50.rawmk4 | 20_32.rawmk4 | 22_15.rawmk4 | c18_28.rawmk4 |
| 01_36.rawmk4 | 18_52.rawmk4 | 20_35.rawmk4 | 22_18.rawmk4 | c18_34.rawmk4 |
| 01_39.rawmk4 | 18_55.rawmk4 | 20_38.rawmk4 | 22_21.rawmk4 | c18_40.rawmk4 |
| 01_42.rawmk4 | 18_58.rawmk4 | 20_41.rawmk4 | 22_24.rawmk4 |               |