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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 16 17:52:47 GMT 2010

Year: 10 Doy: 197

Observer: berkey

Fri Jul 16 17:56:03 GMT 2010 MKIV Start Patrol

Fri Jul 16 17:56:22 GMT 2010 CHIP Start Patrol

WEATHER COMMENT: Fri Jul 16 17:56:21 GMT 2010

clear skies, temp 55, wind 20mph from the south

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

Fri Jul 16 18:02:52 GMT 2010 CHIP LSD  
Fri Jul 16 18:04:32 GMT 2010 CHIP End LSD  
Fri Jul 16 18:04:40 GMT 2010 CHIP BiasLSD  
Fri Jul 16 18:05:26 GMT 2010 CHIP End BiasLSD  
Fri Jul 16 18:05:35 GMT 2010 CHIP Bias  
Fri Jul 16 18:06:16 GMT 2010 CHIP End Bias  
Fri Jul 16 18:06:29 GMT 2010 CHIP ReStart Patrol  
Fri Jul 16 18:09:31 GMT 2010 MKIV End Patrol  
Fri Jul 16 18:09:37 GMT 2010 MKIV Start Cal  
Fri Jul 16 18:28:17 GMT 2010 MKIV End Cal  
Fri Jul 16 18:28:24 GMT 2010 MKIV Start Patrol  
Fri Jul 16 20:34:25 GMT 2010 CHIP End Patrol  
Fri Jul 16 20:47:34 GMT 2010 CHIP Start Patrol  
Fri Jul 16 20:48:08 GMT 2010 MKIV Start Patrol  
Fri Jul 16 23:02:35 GMT 2010 CHIP LSD  
Fri Jul 16 23:04:21 GMT 2010 CHIP End LSD  
Fri Jul 16 23:04:31 GMT 2010 CHIP BiasLSD  
Fri Jul 16 23:05:10 GMT 2010 CHIP End BiasLSD  
Fri Jul 16 23:05:19 GMT 2010 CHIP Bias  
Fri Jul 16 23:05:51 GMT 2010 CHIP End Bias  
Fri Jul 16 23:05:59 GMT 2010 CHIP ReStart Patrol  
Sat Jul 17 02:23:35 GMT 2010 CHIP End Patrol  
Sat Jul 17 02:29:34 GMT 2010 MKIV End Patrol  
Sat Jul 17 02:33:08 GMT 2010

MkIV

00\_02.rawmk4 01\_45.rawmk4 19\_06.rawmk4 20\_54.rawmk4 22\_36.rawmk4  
00\_05.rawmk4 01\_48.rawmk4 19\_09.rawmk4 20\_56.rawmk4 22\_39.rawmk4  
00\_08.rawmk4 01\_51.rawmk4 19\_12.rawmk4 20\_59.rawmk4 22\_42.rawmk4  
00\_11.rawmk4 01\_54.rawmk4 19\_15.rawmk4 21\_02.rawmk4 22\_45.rawmk4  
00\_14.rawmk4 01\_56.rawmk4 19\_18.rawmk4 21\_05.rawmk4 22\_48.rawmk4  
00\_16.rawmk4 01\_59.rawmk4 19\_21.rawmk4 21\_08.rawmk4 22\_51.rawmk4  
00\_19.rawmk4 02\_02.rawmk4 19\_24.rawmk4 21\_11.rawmk4 22\_54.rawmk4  
00\_22.rawmk4 02\_05.rawmk4 19\_27.rawmk4 21\_14.rawmk4 22\_57.rawmk4  
00\_25.rawmk4 02\_08.rawmk4 19\_30.rawmk4 21\_17.rawmk4 23\_00.rawmk4  
00\_28.rawmk4 02\_11.rawmk4 19\_33.rawmk4 21\_20.rawmk4 23\_03.rawmk4  
00\_31.rawmk4 02\_14.rawmk4 19\_36.rawmk4 21\_23.rawmk4 23\_06.rawmk4

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| 00_34.rawmk4 | 02_17.rawmk4 | 19_38.rawmk4 | 21_26.rawmk4 | 23_09.rawmk4  |
| 00_37.rawmk4 | 02_20.rawmk4 | 19_41.rawmk4 | 21_29.rawmk4 | 23_12.rawmk4  |
| 00_40.rawmk4 | 02_23.rawmk4 | 19_44.rawmk4 | 21_32.rawmk4 | 23_15.rawmk4  |
| 00_43.rawmk4 | 02_26.rawmk4 | 19_47.rawmk4 | 21_35.rawmk4 | 23_18.rawmk4  |
| 00_46.rawmk4 | 17_56.rawmk4 | 19_50.rawmk4 | 21_38.rawmk4 | 23_21.rawmk4  |
| 00_49.rawmk4 | 18_00.rawmk4 | 19_53.rawmk4 | 21_41.rawmk4 | 23_24.rawmk4  |
| 00_52.rawmk4 | 18_03.rawmk4 | 19_56.rawmk4 | 21_44.rawmk4 | 23_26.rawmk4  |
| 00_55.rawmk4 | 18_06.rawmk4 | 19_59.rawmk4 | 21_46.rawmk4 | 23_29.rawmk4  |
| 00_58.rawmk4 | 18_12.rawmk4 | 20_02.rawmk4 | 21_49.rawmk4 | 23_32.rawmk4  |
| 01_01.rawmk4 | 18_18.rawmk4 | 20_05.rawmk4 | 21_52.rawmk4 | 23_35.rawmk4  |
| 01_03.rawmk4 | 18_24.rawmk4 | 20_08.rawmk4 | 21_55.rawmk4 | 23_38.rawmk4  |
| 01_06.rawmk4 | 18_28.rawmk4 | 20_11.rawmk4 | 21_58.rawmk4 | 23_41.rawmk4  |
| 01_09.rawmk4 | 18_31.rawmk4 | 20_14.rawmk4 | 22_01.rawmk4 | 23_44.rawmk4  |
| 01_12.rawmk4 | 18_34.rawmk4 | 20_17.rawmk4 | 22_04.rawmk4 | 23_47.rawmk4  |
| 01_15.rawmk4 | 18_37.rawmk4 | 20_20.rawmk4 | 22_07.rawmk4 | 23_50.rawmk4  |
| 01_18.rawmk4 | 18_40.rawmk4 | 20_23.rawmk4 | 22_10.rawmk4 | 23_53.rawmk4  |
| 01_21.rawmk4 | 18_43.rawmk4 | 20_25.rawmk4 | 22_13.rawmk4 | 23_56.rawmk4  |
| 01_24.rawmk4 | 18_46.rawmk4 | 20_28.rawmk4 | 22_16.rawmk4 | 23_59.rawmk4  |
| 01_27.rawmk4 | 18_49.rawmk4 | 20_31.rawmk4 | 22_19.rawmk4 | c18_09.rawmk4 |
| 01_30.rawmk4 | 18_51.rawmk4 | 20_34.rawmk4 | 22_22.rawmk4 | c18_15.rawmk4 |
| 01_33.rawmk4 | 18_54.rawmk4 | 20_37.rawmk4 | 22_25.rawmk4 | c18_21.rawmk4 |
| 01_36.rawmk4 | 18_57.rawmk4 | 20_40.rawmk4 | 22_28.rawmk4 |               |
| 01_39.rawmk4 | 19_00.rawmk4 | 20_48.rawmk4 | 22_31.rawmk4 |               |
| 01_42.rawmk4 | 19_03.rawmk4 | 20_51.rawmk4 | 22_34.rawmk4 |               |