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Mauna Loa Solar Observatory Observer's Log  
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Sat Nov 8 16:47:40 GMT 2003  
Year: 03 Doy: 312  
Observer: stueben  
WEATHER COMMENT: Sat Nov 8 16:57:10 GMT 2003  
Clear, east wind 5-10 mph, temp 46F.  
Sat Nov 8 16:58:29 GMT 2003 CHIP Start Patrol  
Sat Nov 8 16:58:51 GMT 2003 PICS Start Patrol  
Sat Nov 8 17:25:10 GMT 2003 MKIV Start Patrol  
PSPT COMMENT: Sat Nov 8 17:25:22 GMT 2003  
Observing.  
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sat Nov 8 17:28:54 GMT 2003  
Sat Nov 8 18:01:49 GMT 2003 PICS Flat  
MKIV COMMENT: Sat Nov 8 18:07:26 GMT 2003  
Centered 01 guider.  
COMMENT: Sat Nov 8 18:27:10 GMT 2003  
Dec axis reset. Repointed spar.  
Sat Nov 8 18:27:42 GMT 2003 MKIV Start Cal  
ECHO COMMENT: Sat Nov 8 18:30:11 GMT 2003  
Time OK.  
Sat Nov 8 18:46:32 GMT 2003 MKIV End Cal  
Sat Nov 8 18:46:43 GMT 2003 MKIV Start Patrol  
Sat Nov 8 19:03:05 GMT 2003 CHIP End Patrol  
Sat Nov 8 19:06:24 GMT 2003 CHIP Start Patrol  
\*\*PICS PROBLEM\*\*: Sat Nov 8 19:07:20 GMT 2003  
Stalled during Fix Center. Killed processes and restarted.  
MKIV COMMENT: Sat Nov 8 21:55:12 GMT 2003  
Centered 01 guider.  
MKIV COMMENT: Sat Nov 8 23:56:25 GMT 2003  
Centered 01 guider.  
MKIV COMMENT: Sun Nov 9 01:04:06 GMT 2003  
Centered 01 guider  
Sun Nov 9 02:29:07 GMT 2003 CHIP End Patrol  
Sun Nov 9 02:29:08 GMT 2003 PICS End Patrol  
Sun Nov 9 02:32:29 GMT 2003 MKIV End Patrol  
Sun Nov 9 02:38:44 GMT 2003

MkIV

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| 00_02.rawmk4 | 01_51.rawmk4 | 18_49.rawmk4 | 20_38.rawmk4 | 22_27.rawmk4 |
| 00_05.rawmk4 | 01_53.rawmk4 | 18_52.rawmk4 | 20_41.rawmk4 | 22_30.rawmk4 |
| 00_08.rawmk4 | 01_56.rawmk4 | 18_55.rawmk4 | 20_44.rawmk4 | 22_33.rawmk4 |
| 00_11.rawmk4 | 01_59.rawmk4 | 18_58.rawmk4 | 20_47.rawmk4 | 22_36.rawmk4 |
| 00_14.rawmk4 | 02_02.rawmk4 | 19_01.rawmk4 | 20_50.rawmk4 | 22_39.rawmk4 |
| 00_16.rawmk4 | 02_05.rawmk4 | 19_04.rawmk4 | 20_53.rawmk4 | 22_42.rawmk4 |
| 00_19.rawmk4 | 02_08.rawmk4 | 19_07.rawmk4 | 20_56.rawmk4 | 22_44.rawmk4 |
| 00_22.rawmk4 | 02_11.rawmk4 | 19_10.rawmk4 | 20_59.rawmk4 | 22_47.rawmk4 |

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|--------------|--------------|--------------|--------------|---------------|
| 00_25.rawmk4 | 02_14.rawmk4 | 19_13.rawmk4 | 21_02.rawmk4 | 22_50.rawmk4  |
| 00_28.rawmk4 | 02_17.rawmk4 | 19_16.rawmk4 | 21_05.rawmk4 | 22_53.rawmk4  |
| 00_31.rawmk4 | 02_20.rawmk4 | 19_19.rawmk4 | 21_07.rawmk4 | 22_56.rawmk4  |
| 00_34.rawmk4 | 02_23.rawmk4 | 19_22.rawmk4 | 21_10.rawmk4 | 22_59.rawmk4  |
| 00_37.rawmk4 | 02_26.rawmk4 | 19_25.rawmk4 | 21_13.rawmk4 | 23_02.rawmk4  |
| 00_40.rawmk4 | 02_29.rawmk4 | 19_27.rawmk4 | 21_16.rawmk4 | 23_05.rawmk4  |
| 00_43.rawmk4 | 17_25.rawmk4 | 19_30.rawmk4 | 21_19.rawmk4 | 23_08.rawmk4  |
| 00_46.rawmk4 | 17_28.rawmk4 | 19_33.rawmk4 | 21_22.rawmk4 | 23_11.rawmk4  |
| 00_49.rawmk4 | 17_31.rawmk4 | 19_36.rawmk4 | 21_25.rawmk4 | 23_17.rawmk4  |
| 00_52.rawmk4 | 17_34.rawmk4 | 19_39.rawmk4 | 21_28.rawmk4 | 23_21.rawmk4  |
| 00_55.rawmk4 | 17_37.rawmk4 | 19_42.rawmk4 | 21_31.rawmk4 | 23_23.rawmk4  |
| 00_58.rawmk4 | 17_39.rawmk4 | 19_45.rawmk4 | 21_34.rawmk4 | 23_26.rawmk4  |
| 01_01.rawmk4 | 17_42.rawmk4 | 19_48.rawmk4 | 21_37.rawmk4 | 23_29.rawmk4  |
| 01_04.rawmk4 | 17_45.rawmk4 | 19_51.rawmk4 | 21_40.rawmk4 | 23_32.rawmk4  |
| 01_06.rawmk4 | 17_48.rawmk4 | 19_54.rawmk4 | 21_43.rawmk4 | 23_35.rawmk4  |
| 01_09.rawmk4 | 17_51.rawmk4 | 19_57.rawmk4 | 21_46.rawmk4 | 23_38.rawmk4  |
| 01_12.rawmk4 | 17_57.rawmk4 | 20_00.rawmk4 | 21_49.rawmk4 | 23_41.rawmk4  |
| 01_15.rawmk4 | 18_01.rawmk4 | 20_03.rawmk4 | 21_52.rawmk4 | 23_44.rawmk4  |
| 01_18.rawmk4 | 18_04.rawmk4 | 20_06.rawmk4 | 21_54.rawmk4 | 23_47.rawmk4  |
| 01_21.rawmk4 | 18_07.rawmk4 | 20_09.rawmk4 | 21_57.rawmk4 | 23_50.rawmk4  |
| 01_24.rawmk4 | 18_10.rawmk4 | 20_12.rawmk4 | 22_00.rawmk4 | 23_53.rawmk4  |
| 01_27.rawmk4 | 18_13.rawmk4 | 20_15.rawmk4 | 22_03.rawmk4 | 23_56.rawmk4  |
| 01_30.rawmk4 | 18_16.rawmk4 | 20_17.rawmk4 | 22_06.rawmk4 | 23_59.rawmk4  |
| 01_33.rawmk4 | 18_19.rawmk4 | 20_20.rawmk4 | 22_09.rawmk4 | c18_27.rawmk4 |
| 01_36.rawmk4 | 18_22.rawmk4 | 20_23.rawmk4 | 22_12.rawmk4 | c18_33.rawmk4 |
| 01_39.rawmk4 | 18_30.rawmk4 | 20_26.rawmk4 | 22_15.rawmk4 | c18_40.rawmk4 |
| 01_42.rawmk4 | 18_36.rawmk4 | 20_29.rawmk4 | 22_18.rawmk4 |               |
| 01_45.rawmk4 | 18_43.rawmk4 | 20_32.rawmk4 | 22_21.rawmk4 |               |
| 01_48.rawmk4 | 18_46.rawmk4 | 20_35.rawmk4 | 22_24.rawmk4 |               |