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Mauna Loa Solar Observatory Observer's Log  
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Wed Jan 9 17:37:09 GMT 2002

Year: 02 Doy: 009

Observer: koon

Wed Jan 9 17:43:03 GMT 2002 CHIP Start Patrol

WEATHER COMMENT: Wed Jan 9 17:37:11 GMT 2002

Clear sky, wind=10 mph from the SW, temp=48 F.

Wed Jan 9 17:46:26 GMT 2002 MKIV Start Patrol

PSPT COMMENT: Wed Jan 9 17:52:43 GMT 2002

Observing.

Wed Jan 9 18:00:05 GMT 2002 CHIP LSD

Wed Jan 9 18:02:25 GMT 2002 CHIP End LSD

Wed Jan 9 18:02:46 GMT 2002 CHIP BiasLSD

Wed Jan 9 18:03:45 GMT 2002 CHIP End BiasLSD

Wed Jan 9 18:03:54 GMT 2002 CHIP Bias

Wed Jan 9 18:04:49 GMT 2002 CHIP End Bias

Wed Jan 9 18:16:17 GMT 2002 MKIV End Patrol

Wed Jan 9 18:36:00 GMT 2002 MKIV End Cal

Wed Jan 9 18:36:11 GMT 2002 MKIV Start Patrol

Wed Jan 9 19:01:02 GMT 2002 CHIP LSD

Wed Jan 9 19:03:25 GMT 2002 CHIP End LSD

Wed Jan 9 19:03:42 GMT 2002 CHIP BiasLSD

Wed Jan 9 19:04:48 GMT 2002 CHIP End BiasLSD

Wed Jan 9 19:05:01 GMT 2002 CHIP Bias

Wed Jan 9 19:05:52 GMT 2002 CHIP End Bias

\*\*PSPT PROBLEM\*\* Wed Jan 9 19:34:07 GMT 2002

Stalled, camera semaphore error message seen on xterm window when I opened it to kill the runpspt.pro. Restarted.

Wed Jan 9 20:02:02 GMT 2002 CHIP LSD

Wed Jan 9 20:04:21 GMT 2002 CHIP End LSD

Wed Jan 9 20:04:36 GMT 2002 CHIP BiasLSD

Wed Jan 9 20:05:25 GMT 2002 CHIP End BiasLSD

Wed Jan 9 20:05:41 GMT 2002 CHIP Bias

Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias

\*\*PSPT PROBLEM\*\* Wed Jan 9 20:22:36 GMT 2002

Crashed at 2003 while centering image, no error messages on regular windows, camera semaphore error message from 1936 on xterm window, restarted.

\*\*PSPT PROBLEM\*\* Wed Jan 9 20:34:51 GMT 2002

Stalled again while centering image at 2027 UT, no error messages anywhere this time, restarted.

\*\*PSPT PROBLEM\*\* Wed Jan 9 20:46:42 GMT 2002

Crashed again, same as last time. Got error messages when I killed runPspt.pro this time, will copy and send to Alice, will restart.

Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias

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\*\*PSPT PROBLEM\*\* Wed Jan 9 22:11:54 GMT 2002

Lots of trouble getting this to restart. Finally had to reboot PC and startup again. I setup PSPT to use the printers too, we couldn't print from it until now.

\*\*MLSO PROBLEM\*\* Wed Jan 9 22:34:28 GMT 2002

I setup all Sparc machines to print to the new HP printer using the familiar "print" command structure, and to the old printer using "print2" in a similar fashion. Even PSPT now has printing capabilities. We were having problems with various things including what "lp" commands to use, so I just modified the existing "print" alias for us so the lp commands are transparent to us.

Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias  
Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias  
Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias  
Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias  
Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias  
Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias

\*\*\*\* EVENT COMMENT \*\*\*\* Wed Jan 9 23:15:34 GMT 2002

CME in progress at PA=145

Wed Jan 9 20:06:39 GMT 2002 CHIP End Bias  
Wed Jan 9 23:28:00 GMT 2002 MKIV End Patrol  
Wed Jan 9 23:31:27 GMT 2002

MkIV

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|--------------|--------------|--------------|--------------|--------------|
| 17_46.rawmk4 | 19_05.rawmk4 | 20_13.rawmk4 | 21_20.rawmk4 | 22_28.rawmk4 |
| 17_49.rawmk4 | 19_08.rawmk4 | 20_16.rawmk4 | 21_23.rawmk4 | 22_31.rawmk4 |
| 17_52.rawmk4 | 19_11.rawmk4 | 20_19.rawmk4 | 21_26.rawmk4 | 22_33.rawmk4 |
| 17_55.rawmk4 | 19_14.rawmk4 | 20_20.rawmk4 | 21_29.rawmk4 | 22_36.rawmk4 |
| 17_58.rawmk4 | 19_17.rawmk4 | 20_24.rawmk4 | 21_32.rawmk4 | 22_39.rawmk4 |
| 18_01.rawmk4 | 19_20.rawmk4 | 20_27.rawmk4 | 21_35.rawmk4 | 22_42.rawmk4 |
| 18_04.rawmk4 | 19_23.rawmk4 | 20_30.rawmk4 | 21_38.rawmk4 | 22_45.rawmk4 |
| 18_07.rawmk4 | 19_26.rawmk4 | 20_33.rawmk4 | 21_41.rawmk4 | 22_48.rawmk4 |
| 18_10.rawmk4 | 19_29.rawmk4 | 20_36.rawmk4 | 21_44.rawmk4 | 22_51.rawmk4 |
| 18_13.rawmk4 | 19_32.rawmk4 | 20_39.rawmk4 | 21_46.rawmk4 | 22_54.rawmk4 |
| 18_20.rawmk4 | 19_35.rawmk4 | 20_42.rawmk4 | 21_49.rawmk4 | 22_57.rawmk4 |
| 18_26.rawmk4 | 19_38.rawmk4 | 20_45.rawmk4 | 21_52.rawmk4 | 23_00.rawmk4 |
| 18_32.rawmk4 | 19_41.rawmk4 | 20_48.rawmk4 | 21_55.rawmk4 | 23_03.rawmk4 |
| 18_36.rawmk4 | 19_44.rawmk4 | 20_51.rawmk4 | 21_58.rawmk4 | 23_06.rawmk4 |
| 18_39.rawmk4 | 19_46.rawmk4 | 20_54.rawmk4 | 22_01.rawmk4 | 23_09.rawmk4 |
| 18_42.rawmk4 | 19_49.rawmk4 | 20_57.rawmk4 | 22_04.rawmk4 | 23_12.rawmk4 |

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| 18_45.rawmk4 | 19_52.rawmk4 | 20_59.rawmk4 | 22_07.rawmk4 | 23_15.rawmk4  |
| 18_48.rawmk4 | 19_55.rawmk4 | 21_02.rawmk4 | 22_10.rawmk4 | 23_18.rawmk4  |
| 18_50.rawmk4 | 19_58.rawmk4 | 21_05.rawmk4 | 22_13.rawmk4 | 23_23.rawmk4  |
| 18_53.rawmk4 | 20_01.rawmk4 | 21_08.rawmk4 | 22_16.rawmk4 | c18_16.rawmk4 |
| 18_56.rawmk4 | 20_04.rawmk4 | 21_11.rawmk4 | 22_19.rawmk4 | c18_23.rawmk4 |
| 18_59.rawmk4 | 20_07.rawmk4 | 21_14.rawmk4 | 22_22.rawmk4 | c18_29.rawmk4 |
| 19_02.rawmk4 | 20_10.rawmk4 | 21_17.rawmk4 | 22_25.rawmk4 |               |