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Mauna Loa Solar Observatory Observer's Log  
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Sat Jun 11 16:23:20 GMT 2005

Year: 05 Doy: 162

Observer: stueben

WEATHER COMMENT: Sat Jun 11 16:28:13 GMT 2005

Clear, wind east 20-25 mph, temp 42F.

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

Sat Jun 11 16:35:46 GMT 2005 CHIP Start Patrol

Sat Jun 11 16:36:04 GMT 2005 PICS Start Patrol

Sat Jun 11 16:44:10 GMT 2005 MKIV Start Patrol

ECHO COMMENT: Sat Jun 11 16:46:49 GMT 2005

Time OK.

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

PSPT COMMENT: Sat Jun 11 17:02:36 GMT 2005

Observing.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sat Jun 11 17:29:50 GMT 2005

Sat Jun 11 18:01:20 GMT 2005 PICS Flat

Sat Jun 11 18:02:49 GMT 2005 CHIP LSD

Sat Jun 11 18:03:44 GMT 2005 PICS End Flat

Sat Jun 11 18:03:57 GMT 2005 PICS ReStart Patrol

Sat Jun 11 18:04:46 GMT 2005 CHIP End LSD

Sat Jun 11 18:04:55 GMT 2005 CHIP BiasLSD

Sat Jun 11 18:05:47 GMT 2005 CHIP End BiasLSD

Sat Jun 11 18:06:02 GMT 2005 CHIP Bias

Sat Jun 11 18:06:54 GMT 2005 CHIP End Bias

Sat Jun 11 18:07:02 GMT 2005 CHIP ReStart Patrol

\*\*PSPT PROBLEM\*\* Sat Jun 11 18:10:02 GMT 2005

Moved pspt exabyte type to kenobi exabyte drive. Entered "ntpspt" on nahenahe but got message "/local/usr/local/src/ACOS/Bin/ntpspt :Permission Denied", and not entry appeared in the log so I assume it didn't work. Pspt also crashed about 18:00UT exhibiting the same symptoms as the crashes Eric noted yesterday.

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

Sat Jun 11 18:26:31 GMT 2005 MKIV End Patrol

Sat Jun 11 18:26:38 GMT 2005 MKIV Start Cal

Sat Jun 11 18:45:26 GMT 2005 MKIV End Cal

Sat Jun 11 18:54:23 GMT 2005 MKIV Start Patrol

Sat Jun 11 19:40:41 GMT 2005 CHIP End Patrol

Sat Jun 11 19:41:23 GMT 2005 PICS End Patrol

Sat Jun 11 19:42:37 GMT 2005 MKIV End Patrol

Sat Jun 11 19:50:22 GMT 2005 MKIV Start Patrol

Sat Jun 11 19:50:39 GMT 2005 CHIP Start Patrol

Sat Jun 11 19:50:56 GMT 2005 PICS Start Patrol

COMMENT: Sat Jun 11 19:52:09 GMT 2005

Reconfigured dome shutter.

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

COMMENT: Sat Jun 11 19:58:26 GMT 2005  
Dec axis reset, repointed spar.

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

**\*\*PSPT PROBLEM\*\***: Sat Jun 11 20:05:40 GMT 2005

Crashed about 19:35UT. Error messages - % Attempt to subscript SS with <INT (2)  
> is out of range. % Execution halted at PSPT\_CALIB\_DATA\_EVENT 515 pspt\_calib\_  
data.pro . Also saw some error messages, but no crash, a while earlier -  
% Type conversion error: Unable to convert STRING to Long. % Detected at PSPT\_  
GDR\_POSITION 94 pspt\_gdr\_position.pro.

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

A NEW PSPT EXABYTE IS LOADED ON KAIEESat Jun 11 21:11:44 GMT 2005

Sat Jun 11 22:43:42 GMT 2005 MKIV Start Patrol

**\*\*MKIV PROBLEM\*\***: Sat Jun 11 22:44:17 GMT 2005

Mk4 crashed about 22:15UT. Akamai appeared to have locked up, the control screen  
was stalled at mid scan and was unresponsive. Pushing reset had no effect but  
cycling power to Akamai got it going again.

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

**\*\*PSPT PROBLEM\*\***: Sat Jun 11 23:08:40 GMT 2005

Has crashed two more times. Messages both times were similar - memidl.c: timeout  
waiting for memimage queue.

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

COMMENT: Sat Jun 11 23:10:47 GMT 2005

Since Alice has fixed the ntpspt problem and kenobi has finished copying the  
data I have moved the exabyte tape back to pspt.

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

Sun Jun 12 01:23:00 GMT 2005 CHIP End Patrol

Sun Jun 12 01:23:23 GMT 2005 PICS End Patrol

Sun Jun 12 01:23:54 GMT 2005 MKIV End Patrol

Sun Jun 12 01:35:35 GMT 2005 MKIV Start Patrol

Sun Jun 12 01:35:54 GMT 2005 CHIP Start Patrol

Sun Jun 12 01:36:10 GMT 2005 PICS Start Patrol

**\*\*PSPT PROBLEM\*\***: Sun Jun 12 01:37:30 GMT 2005

Has crashed a few more times with the timeout waiting for memimage queue. It  
seems to run OK for about 30 minutes then about another ten minutes with the  
message beginning to appear before it crashes.

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

NICE CHIP IMAGE: 1759

NICE CHIP IMAGE: 1800

NICE PICSLIMB IMAGE: 1801

NICE MK4 IMAGE: 1805

Sun Jun 12 02:29:01 GMT 2005 MKIV End Patrol

Sun Jun 12 02:30:58 GMT 2005 CHIP End Patrol

Sun Jun 12 02:31:18 GMT 2005 PICS End Patrol

Sun Jun 12 02:38:37 GMT 2005

MkIV

00\_00.rawmk4 01\_59.rawmk4 18\_02.rawmk4 20\_16.rawmk4 21\_59.rawmk4

00\_03.rawmk4 02\_02.rawmk4 18\_05.rawmk4 20\_19.rawmk4 22\_02.rawmk4

00_06.rawmk4	02_05.rawmk4	18_08.rawmk4	20_22.rawmk4	22_05.rawmk4
00_08.rawmk4	02_08.rawmk4	18_11.rawmk4	20_25.rawmk4	22_08.rawmk4
00_11.rawmk4	02_10.rawmk4	18_14.rawmk4	20_28.rawmk4	22_11.rawmk4
00_14.rawmk4	02_13.rawmk4	18_17.rawmk4	20_31.rawmk4	22_43.rawmk4
00_17.rawmk4	02_16.rawmk4	18_20.rawmk4	20_34.rawmk4	22_46.rawmk4
00_20.rawmk4	02_19.rawmk4	18_23.rawmk4	20_37.rawmk4	22_49.rawmk4
00_23.rawmk4	02_22.rawmk4	18_29.rawmk4	20_40.rawmk4	22_52.rawmk4
00_26.rawmk4	02_25.rawmk4	18_35.rawmk4	20_43.rawmk4	22_55.rawmk4
00_29.rawmk4	16_44.rawmk4	18_42.rawmk4	20_46.rawmk4	22_58.rawmk4
00_32.rawmk4	16_47.rawmk4	18_54.rawmk4	20_49.rawmk4	23_01.rawmk4
00_35.rawmk4	16_50.rawmk4	18_57.rawmk4	20_52.rawmk4	23_04.rawmk4
00_38.rawmk4	16_53.rawmk4	19_00.rawmk4	20_55.rawmk4	23_07.rawmk4
00_44.rawmk4	16_58.rawmk4	19_03.rawmk4	20_57.rawmk4	23_10.rawmk4
00_48.rawmk4	17_02.rawmk4	19_09.rawmk4	21_00.rawmk4	23_13.rawmk4
00_51.rawmk4	17_05.rawmk4	19_12.rawmk4	21_03.rawmk4	23_16.rawmk4
00_53.rawmk4	17_08.rawmk4	19_15.rawmk4	21_06.rawmk4	23_19.rawmk4
00_56.rawmk4	17_12.rawmk4	19_18.rawmk4	21_09.rawmk4	23_21.rawmk4
00_59.rawmk4	17_15.rawmk4	19_21.rawmk4	21_12.rawmk4	23_24.rawmk4
01_02.rawmk4	17_18.rawmk4	19_24.rawmk4	21_15.rawmk4	23_27.rawmk4
01_05.rawmk4	17_21.rawmk4	19_27.rawmk4	21_18.rawmk4	23_30.rawmk4
01_08.rawmk4	17_24.rawmk4	19_30.rawmk4	21_21.rawmk4	23_33.rawmk4
01_11.rawmk4	17_27.rawmk4	19_33.rawmk4	21_24.rawmk4	23_36.rawmk4
01_14.rawmk4	17_30.rawmk4	19_36.rawmk4	21_27.rawmk4	23_39.rawmk4
01_17.rawmk4	17_33.rawmk4	19_39.rawmk4	21_30.rawmk4	23_42.rawmk4
01_20.rawmk4	17_36.rawmk4	19_50.rawmk4	21_33.rawmk4	23_45.rawmk4
01_35.rawmk4	17_39.rawmk4	19_53.rawmk4	21_36.rawmk4	23_48.rawmk4
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01_41.rawmk4	17_45.rawmk4	19_59.rawmk4	21_42.rawmk4	23_54.rawmk4
01_44.rawmk4	17_48.rawmk4	20_02.rawmk4	21_44.rawmk4	23_57.rawmk4
01_47.rawmk4	17_50.rawmk4	20_05.rawmk4	21_47.rawmk4	c18_26.rawmk4
01_50.rawmk4	17_53.rawmk4	20_08.rawmk4	21_50.rawmk4	c18_32.rawmk4
01_53.rawmk4	17_56.rawmk4	20_10.rawmk4	21_53.rawmk4	c18_38.rawmk4
01_56.rawmk4	17_59.rawmk4	20_13.rawmk4	21_56.rawmk4	