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Mauna Loa Solar Observatory Observer's Log  
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Wed Dec 28 17:18:28 GMT 2005

Year: 05 Doy: 362

Observer: yasukawa

WEATHER COMMENT: Wed Dec 28 17:18:48 GMT 2005

Clear, S wind 21 mph, temp 44 F.

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

ECHO COMMENT: Wed Dec 28 17:20:19 GMT 2005

Time OK.

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

PSPT COMMENT: Wed Dec 28 17:20:28 GMT 2005

Camera controller temp 14 C.

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

Wed Dec 28 17:25:17 GMT 2005 PICS Start Patrol

Wed Dec 28 17:26:00 GMT 2005 CHIP Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Dec 28 17:30:43 GMT 2005

A NEW PSPT EXABYTE IS LOADED ON KENOBI Wed Dec 28 17:30:47 GMT 2005

PSPT COMMENT: Wed Dec 28 17:32:01 GMT 2005

Starting up

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

PSPT COMMENT: Wed Dec 28 17:41:32 GMT 2005

Observing.

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

PSPT COMMENT: Wed Dec 28 17:42:53 GMT 2005

controller temp 13 C.

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

Wed Dec 28 17:51:19 GMT 2005 MKIV Start Patrol

Wed Dec 28 18:02:19 GMT 2005 PICS Flat

Wed Dec 28 18:02:51 GMT 2005 CHIP LSD

Wed Dec 28 18:04:35 GMT 2005 CHIP End LSD

Wed Dec 28 18:04:38 GMT 2005 PICS End Flat

Wed Dec 28 18:04:47 GMT 2005 CHIP BiasLSD

Wed Dec 28 18:04:50 GMT 2005 PICS ReStart Patrol

Wed Dec 28 18:05:44 GMT 2005 CHIP End BiasLSD

Wed Dec 28 18:05:55 GMT 2005 CHIP Bias

Wed Dec 28 18:06:57 GMT 2005 CHIP End Bias

Wed Dec 28 18:07:04 GMT 2005 CHIP ReStart Patrol

PSPT COMMENT: Wed Dec 28 18:26:04 GMT 2005

controller temp 13 C.

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

Wed Dec 28 18:28:02 GMT 2005 MKIV Start Cal

Wed Dec 28 18:46:48 GMT 2005 MKIV End Cal

NICE MK4 IMAGE: 1837

NICE CHIP IMAGE: 1837

NICE PICSLIMB IMAGE: 1836

NICE PICSDISC IMAGE: 1838

PSPT COMMENT: Wed Dec 28 18:49:27 GMT 2005  
controller temp 14 C.

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

PSPT COMMENT: Wed Dec 28 19:23:46 GMT 2005  
Controller temp 15 C.

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

PSPT COMMENT: Wed Dec 28 19:58:11 GMT 2005  
Controller temp 16 C.

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

WEATHER COMMENT: Wed Dec 28 20:26:18 GMT 2005  
Wind from SE now at 12 mph, gusting to 17 mph. Temp 54 F.

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

PSPT COMMENT: Wed Dec 28 20:27:44 GMT 2005  
Controller temp 16 C.

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

**\*\*PSPT PROBLEM\*\***: Wed Dec 28 21:24:15 GMT 2005  
Pspt was oscillating. Loosened RA clutch a hair to stop oscillation  
but image slipped off display. Oscillation may be caused by the  
wind blowing into the dome. Stopped obs, tightened clutch back to  
approximately where it was, manually pointed spar, running Center Image.

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

PSPT COMMENT: Wed Dec 28 21:27:04 GMT 2005  
Observing.

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

**\*\*PSPT PROBLEM\*\***: Thu Dec 29 00:07:12 GMT 2005  
Image was off display window again. Pointed spar manually, tightened the  
RA clutch just a tad more, and allowed the program to continue -- next  
task was centering before moving on.

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

**\*\*PSPT PROBLEM\*\***: Thu Dec 29 01:09:49 GMT 2005  
Crashed at 0100 UT, K/R

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

**\*\*PSPT PROBLEM\*\***: Thu Dec 29 02:20:03 GMT 2005  
Found photometric cell unit mounted near the pspt aperture rather loose and  
not actually pointed directly where the pspt is looking. Tightened the  
mount screw to secure it in place.

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

Thu Dec 29 02:22:53 GMT 2005 CHIP End Patrol  
Thu Dec 29 02:22:56 GMT 2005 PICS End Patrol  
Thu Dec 29 02:27:01 GMT 2005 MKIV End Patrol  
Thu Dec 29 02:30:19 GMT 2005

MkIV

00_02.rawmk4	01_45.rawmk4	19_05.rawmk4	20_51.rawmk4	22_34.rawmk4
00_05.rawmk4	01_48.rawmk4	19_08.rawmk4	20_54.rawmk4	22_37.rawmk4
00_08.rawmk4	01_51.rawmk4	19_11.rawmk4	20_57.rawmk4	22_40.rawmk4
00_11.rawmk4	01_54.rawmk4	19_14.rawmk4	21_00.rawmk4	22_43.rawmk4
00_14.rawmk4	01_57.rawmk4	19_17.rawmk4	21_03.rawmk4	22_46.rawmk4

00_17.rawmk4	02_00.rawmk4	19_19.rawmk4	21_06.rawmk4	22_49.rawmk4
00_20.rawmk4	02_03.rawmk4	19_22.rawmk4	21_09.rawmk4	22_52.rawmk4
00_23.rawmk4	02_06.rawmk4	19_25.rawmk4	21_12.rawmk4	22_55.rawmk4
00_26.rawmk4	02_09.rawmk4	19_28.rawmk4	21_15.rawmk4	22_58.rawmk4
00_29.rawmk4	02_12.rawmk4	19_31.rawmk4	21_18.rawmk4	23_01.rawmk4
00_32.rawmk4	02_14.rawmk4	19_34.rawmk4	21_21.rawmk4	23_03.rawmk4
00_35.rawmk4	02_17.rawmk4	19_37.rawmk4	21_24.rawmk4	23_06.rawmk4
00_38.rawmk4	02_20.rawmk4	19_40.rawmk4	21_27.rawmk4	23_09.rawmk4
00_40.rawmk4	02_23.rawmk4	19_43.rawmk4	21_29.rawmk4	23_12.rawmk4
00_43.rawmk4	17_51.rawmk4	19_46.rawmk4	21_32.rawmk4	23_15.rawmk4
00_46.rawmk4	17_54.rawmk4	19_49.rawmk4	21_35.rawmk4	23_18.rawmk4
00_49.rawmk4	17_57.rawmk4	19_52.rawmk4	21_38.rawmk4	23_21.rawmk4
00_52.rawmk4	18_00.rawmk4	19_55.rawmk4	21_41.rawmk4	23_24.rawmk4
00_55.rawmk4	18_03.rawmk4	19_58.rawmk4	21_44.rawmk4	23_27.rawmk4
00_58.rawmk4	18_06.rawmk4	20_01.rawmk4	21_47.rawmk4	23_30.rawmk4
01_01.rawmk4	18_09.rawmk4	20_04.rawmk4	21_50.rawmk4	23_33.rawmk4
01_04.rawmk4	18_12.rawmk4	20_06.rawmk4	21_53.rawmk4	23_36.rawmk4
01_07.rawmk4	18_15.rawmk4	20_09.rawmk4	21_56.rawmk4	23_39.rawmk4
01_10.rawmk4	18_17.rawmk4	20_12.rawmk4	21_59.rawmk4	23_42.rawmk4
01_13.rawmk4	18_20.rawmk4	20_15.rawmk4	22_02.rawmk4	23_45.rawmk4
01_16.rawmk4	18_23.rawmk4	20_18.rawmk4	22_05.rawmk4	23_48.rawmk4
01_19.rawmk4	18_31.rawmk4	20_21.rawmk4	22_08.rawmk4	23_51.rawmk4
01_22.rawmk4	18_37.rawmk4	20_24.rawmk4	22_11.rawmk4	23_53.rawmk4
01_24.rawmk4	18_43.rawmk4	20_27.rawmk4	22_14.rawmk4	23_56.rawmk4
01_27.rawmk4	18_46.rawmk4	20_30.rawmk4	22_16.rawmk4	23_59.rawmk4
01_30.rawmk4	18_50.rawmk4	20_33.rawmk4	22_19.rawmk4	c18_28.rawmk4
01_33.rawmk4	18_53.rawmk4	20_36.rawmk4	22_22.rawmk4	c18_34.rawmk4
01_36.rawmk4	18_56.rawmk4	20_39.rawmk4	22_25.rawmk4	c18_40.rawmk4
01_39.rawmk4	18_59.rawmk4	20_42.rawmk4	22_28.rawmk4	
01_42.rawmk4	19_02.rawmk4	20_45.rawmk4	22_31.rawmk4	