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Mauna Loa Solar Observatory Observer's Log  
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Thu Jan 27 17:33:38 GMT 2005

Year: 05 Doy: 027

Observer: stueben

WEATHER COMMENT: Thu Jan 27 17:35:58 GMT 2005

Clear, wind south 10 mph, temp 36F.

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

ECHO COMMENT: Thu Jan 27 17:37:45 GMT 2005

Time OK.

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

Thu Jan 27 17:38:55 GMT 2005 CHIP Start Patrol

Thu Jan 27 17:39:14 GMT 2005 PICS Start Patrol

Thu Jan 27 17:54:04 GMT 2005 MKIV Start Patrol

MKIV COMMENT: Thu Jan 27 17:54:11 GMT 2005

Centered 01 guider.

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

Thu Jan 27 18:00:50 GMT 2005 CHIP LSD

Thu Jan 27 18:01:32 GMT 2005 PICS Flat

Thu Jan 27 18:02:36 GMT 2005 CHIP End LSD

Thu Jan 27 18:02:46 GMT 2005 CHIP BiasLSD

Thu Jan 27 18:03:43 GMT 2005 CHIP End BiasLSD

Thu Jan 27 18:03:51 GMT 2005 CHIP Bias

Thu Jan 27 18:03:55 GMT 2005 PICS End Flat

Thu Jan 27 18:04:05 GMT 2005 PICS ReStart Patrol

Thu Jan 27 18:04:46 GMT 2005 CHIP End Bias

Thu Jan 27 18:04:58 GMT 2005 CHIP ReStart Patrol

PSPT COMMENT: Thu Jan 27 18:06:53 GMT 2005

Observing.

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

MKIV COMMENT: Thu Jan 27 18:56:08 GMT 2005

Centered 01 guider.

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

Thu Jan 27 18:59:07 GMT 2005 MKIV End Patrol

Thu Jan 27 18:59:13 GMT 2005 MKIV Start Cal

Thu Jan 27 19:17:58 GMT 2005 MKIV End Cal

Thu Jan 27 19:18:04 GMT 2005 MKIV Start Patrol

\*\*PSPT PROBLEM\*\* : Thu Jan 27 19:19:28 GMT 2005

Crashed "Taking CaK image", killed runPspt.pro and restarted.

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

MKIV COMMENT: Thu Jan 27 19:41:30 GMT 2005

Running 01 guider continuously for about an hour starting at 19:41UT.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Jan 27 20:01:01 GMT 2005

MKIV COMMENT: Thu Jan 27 20:52:09 GMT 2005

Stopped 01 guider, last scan ended 20:52UT.

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

MKIV COMMENT: Thu Jan 27 21:31:15 GMT 2005  
Running 01 guider continuously for about an hour starting at 21:31UT.

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

\*\*PSPT PROBLEM\*\*:  
Crashed at 22:11 at "Starting high-resolution ns data". Killed and restarted.

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

MKIV COMMENT: Thu Jan 27 22:30:16 GMT 2005  
Stopped 01 guider, last scan ended 22:29UT.

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

WEATHER COMMENT: Thu Jan 27 23:09:12 GMT 2005  
Clouds are gathering to the North.

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

Fri Jan 28 00:05:50 GMT 2005 CHIP End Patrol

WEATHER COMMENT: Fri Jan 28 00:05:29 GMT 2005

Cloudy, pausing instruments.

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

Fri Jan 28 00:08:53 GMT 2005 MKIV End Patrol

Fri Jan 28 00:14:49 GMT 2005 PICS End Patrol

\*\*MLSO PROBLEM\*\*:  
Finally had the right conditions to test my theory about the cause of the roof

leaks here. I hung out the dome slot for a couple of hours and tried some things. I poured water on the dome and watched it collect at the gutter at the bottom and instead of diverting sideways until it reaches one of the few sections with a small drain hole it flows back towards the exterior wall of the dome cylinder, there it pours down the sheathing - sometimes on the inside of the wall because the sheathing is poorly fastened with nails instead of screws. I tried fastening the sheathing better with roofing screws I brought up from home, that helps a lot but it is slow and dangerous and contorting work hanging out the slot upside down and screwing them in. I tried drilling a drain hole at one section, that takes a long time and may not help the problem. I suggest we hire professional roofers with their good ladders and equipment to completely fill in the small gutters and possibly fasten the sheathing better. -Darryl

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

Fri Jan 28 02:31:26 GMT 2005

MkIV

00_02.rawmk4	19_08.rawmk4	20_25.rawmk4	21_42.rawmk4	22_56.rawmk4
00_05.rawmk4	19_14.rawmk4	20_28.rawmk4	21_45.rawmk4	22_59.rawmk4
17_54.rawmk4	19_18.rawmk4	20_31.rawmk4	21_48.rawmk4	23_02.rawmk4
17_57.rawmk4	19_21.rawmk4	20_34.rawmk4	21_51.rawmk4	23_05.rawmk4
18_00.rawmk4	19_23.rawmk4	20_37.rawmk4	21_54.rawmk4	23_08.rawmk4
18_03.rawmk4	19_26.rawmk4	20_43.rawmk4	21_57.rawmk4	23_11.rawmk4
18_05.rawmk4	19_29.rawmk4	20_47.rawmk4	22_00.rawmk4	23_16.rawmk4
18_08.rawmk4	19_32.rawmk4	20_50.rawmk4	22_03.rawmk4	23_20.rawmk4
18_11.rawmk4	19_35.rawmk4	20_52.rawmk4	22_06.rawmk4	23_23.rawmk4
18_14.rawmk4	19_38.rawmk4	20_55.rawmk4	22_09.rawmk4	23_26.rawmk4
18_17.rawmk4	19_41.rawmk4	20_58.rawmk4	22_12.rawmk4	23_29.rawmk4

18_20.rawmk4	19_44.rawmk4	21_01.rawmk4	22_15.rawmk4	23_35.rawmk4
18_23.rawmk4	19_47.rawmk4	21_04.rawmk4	22_18.rawmk4	23_39.rawmk4
18_26.rawmk4	19_50.rawmk4	21_07.rawmk4	22_21.rawmk4	23_42.rawmk4
18_29.rawmk4	19_53.rawmk4	21_10.rawmk4	22_24.rawmk4	23_45.rawmk4
18_32.rawmk4	19_56.rawmk4	21_13.rawmk4	22_26.rawmk4	23_48.rawmk4
18_35.rawmk4	19_59.rawmk4	21_16.rawmk4	22_29.rawmk4	23_50.rawmk4
18_38.rawmk4	20_02.rawmk4	21_19.rawmk4	22_32.rawmk4	23_53.rawmk4
18_41.rawmk4	20_05.rawmk4	21_22.rawmk4	22_35.rawmk4	23_56.rawmk4
18_44.rawmk4	20_08.rawmk4	21_25.rawmk4	22_38.rawmk4	23_59.rawmk4
18_47.rawmk4	20_10.rawmk4	21_28.rawmk4	22_41.rawmk4	c18_59.rawmk4
18_50.rawmk4	20_13.rawmk4	21_31.rawmk4	22_44.rawmk4	c19_05.rawmk4
18_53.rawmk4	20_16.rawmk4	21_34.rawmk4	22_47.rawmk4	c19_11.rawmk4
18_55.rawmk4	20_19.rawmk4	21_37.rawmk4	22_50.rawmk4	
19_02.rawmk4	20_22.rawmk4	21_39.rawmk4	22_53.rawmk4	