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Mauna Loa Solar Observatory Observer's Log  
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Fri Oct 25 17:07:52 GMT 2002

Year: 02 Doy: 298

Observer: stueben

WEATHER COMMENT: Fri Oct 25 17:08:12 GMT 2002

broken cirrus, south wind 25-30mph, temp 45F

Fri Oct 25 17:11:09 GMT 2002 CHIP Start Patrol

Fri Oct 25 17:11:35 GMT 2002 PICS Start Patrol

Fri Oct 25 17:11:49 GMT 2002 MKIV Start Patrol

PSPT COMMENT: Fri Oct 25 17:29:39 GMT 2002

pspt started but then stopped due to cloud density

\*\*PSPT PROBLEM\*\*: Fri Oct 25 17:36:59 GMT 2002

Cannot hear shutter operating. Shutter was replaced yesterday and replacement shutter worked all day. Shutting PSPT down and checking shutter.

\*\*PSPT PROBLEM\*\*: Fri Oct 25 17:55:49 GMT 2002

Removed shutter and tested it outside of PSPT. Initially the shutter was not staying open. Tested the last spare and it did stay open when NC/NO switch was toggled to NO. Tested current shutter again and it functioned OK this time. Reinstalled current shutter and starting PSPT up again.

Fri Oct 25 18:01:56 GMT 2002 PICS Flat

Fri Oct 25 18:02:46 GMT 2002 CHIP LSD

Fri Oct 25 18:04:23 GMT 2002 PICS End Flat

Fri Oct 25 18:04:40 GMT 2002 CHIP End LSD

Fri Oct 25 18:04:49 GMT 2002 CHIP BiasLSD

PSPT COMMENT: Fri Oct 25 18:04:02 GMT 2002

Restart OK. Earlier startup problem was shutter intermittent failure rather than thick clouds--they are thick, though. Starting daily observations.

Fri Oct 25 18:05:42 GMT 2002 CHIP End BiasLSD

Fri Oct 25 18:05:57 GMT 2002 CHIP Bias

Fri Oct 25 18:06:59 GMT 2002 CHIP End Bias

\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Oct 25 18:06:16 GMT 2002

Active region on northwest quadrant of disk flaring beginning at 1738 UT.

\*\*PSPT PROBLEM\*\*: Fri Oct 25 18:08:44 GMT 2002

Shutter failing again. Removing the spare we installed yesterday and installing second spare shutter.

\*\*PSPT PROBLEM\*\*: Fri Oct 25 18:20:49 GMT 2002

Replacement appears to be working OK.

\*\*PSPT PROBLEM\*\*: Fri Oct 25 19:28:46 GMT 2002

Noticed that Vincent Associates is closed on Fridays according to the invoice with the spares. Couldn't call them for RMA # today. Found their web site. Learned from their website that they moved on 10/7. Called FEDEX and they used the tracking number of yesterday's package to try to intercept the first shutter and route it to the new address. I also found Vincent Assoc.'s email address so I emailed them a request for an RMA # for the second shutter and also requested warranty repair on the unit since it failed after around 5 hours of operation after the last warranty repair--even though it was

stored as a spare since 12/2000. Awaiting a response and an RMA # before shipping second unit back.

Unit removed: s/n 1376

Unit installed: s/n 984

Unit in transit: s/n 1374 (yesterday's failure)

MKIV COMMENT: Fri Oct 25 21:52:07 GMT 2002

Stopping MK4. No coronal data today, in cirrostratus all morning.

Fri Oct 25 21:54:52 GMT 2002 MKIV End Patrol

Fri Oct 25 21:59:47 GMT 2002 PICS End Patrol

PSPT COMMENT: Fri Oct 25 22:01:14 GMT 2002

Stopped pspt.

Fri Oct 25 22:07:18 GMT 2002 CHIP End Patrol

Fri Oct 25 22:21:01 GMT 2002

MkIV

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