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Mauna Loa Solar Observatory Observer's Log  
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Sun May 23 16:52:39 GMT 1999

Year: 99 Doy: 143

Observer: koon

WEATHER COMMENT: Sun May 23 16:52:42 GMT 1999

Thin cirrostratus, wind=10 mph from the SE, temp=47 F.

Sun May 23 16:56:32 GMT 1999 MKIII Start Patrol

Sun May 23 16:56:39 GMT 1999 PICS Start Patrol

Sun May 23 17:00:24 GMT 1999 PICS Flat

Sun May 23 17:01:29 GMT 1999 PICS End Flat

**\*\*LOW-L PROBLEM\*\***: Sun May 23 17:52:40 GMT 1999

Program was crashed due to an apparent power outage yesterday afternoon.

I tried setting the autoexec back to the previous state where it would automatically restart the program after a power outage and that worked but I changed it back so that we have to manually restart the observing program after doing the following test. I cycled the power to the PC while the program was running and data were going to each of the 2 drives and found that we may lose quite a bit of data if we allow the autoexec to restart lowl because it always tries to write to drive#0, so if the tape on that drive already had data on it that data would be overwritten.

It seems better to possibly lose part of a day of data by having to manually restart the observing program than risk losing a week of data by allowing the program to be automatically restarted. Later when we put the LOWL on the UPS then this won't be a problem at all. I removed L00600 from drive #1 and put L00601 in drive #1 so that I can continue my test to see if data will go to drive #0 without problems after the tape in drive #1 is full. I also installed L00602 in drive #0.

**\*\*MLSO PROBLEM\*\***: Sun May 23 18:06:39 GMT 1999

Power outage yesterday, I had to log back into the GONG terminal and reset the answering machine clock and restart LOWL.

Sun May 23 19:00:27 GMT 1999 PICS Flat

Sun May 23 19:01:37 GMT 1999 PICS End Flat

COMMENT: Sun May 23 19:58:53 GMT 1999

Extended the dome slot.

Sun May 23 20:00:28 GMT 1999 PICS Flat

Sun May 23 20:01:37 GMT 1999 PICS End Flat

**\*\*PSPT PROBLEM\*\***: Sun May 23 20:20:51 GMT 1999

Finally found the PSPT manuals, someone put them in an unmarked folder and up on a shelf when they moved around the LOWL stuff, I also located the container of various PSPT things that was also moved to a strange place. Installed the hose clamps and coolant that I bought yesterday in Hilo. The first set of images look out of focus.

GONG COMMENT: Sun May 23 20:34:57 GMT 1999

Going down to the shelter to check on a weather chassis problem.

GONG COMMENT: Sun May 23 20:46:02 GMT 1999

Back from the shelter, all is well now I think.

**\*\*PSPT PROBLEM\*\***: Sun May 23 20:46:39 GMT 1999

Stalled with a message about the dome position on the PC, it looks like the program is still trying to move the dome even though I asked Haosheng to remove the automation code and he said he did. We can't use auto dome pointing this time of year. I'll check it out when I get a chance.

Sun May 23 21:00:26 GMT 1999 PICS Flat

Sun May 23 21:01:31 GMT 1999 PICS End Flat

**\*\*PSPT PROBLEM\*\***: Sun May 23 21:20:29 GMT 1999

OK, I think I found the problems that kept the program hung up while the dome was supposed to be moving. I commented out a line in two files.

**\*\*PSPT PROBLEM\*\***: Sun May 23 21:36:40 GMT 1999

The Blue, Red, and Ca K images looked out of focus, but now the images being used for the calibration look sharp. I think every is OK again.

Sun May 23 22:00:31 GMT 1999 PICS Flat

Sun May 23 22:01:36 GMT 1999 PICS End Flat

**\*\*PSPT PROBLEM\*\***: Sun May 23 22:05:05 GMT 1999

Images look great, I don't know why the focus was off earlier.

PSPT COMMENT: Sun May 23 22:33:28 GMT 1999

I replaced the Declination limit sector ring with the new revised (larger)

ring. It gives about 16 degrees extra range beyond what we need for year round Dec guiding. I aligned it with about 10 degrees extra on the North limit side since we are only about one month away from the Northern extreme. This should work, but if it doesn't we'll know by the end of June.

Sun May 23 22:41:04 GMT 1999 PICS End Patrol

COMMENT: Sun May 23 23:20:10 GMT 1999

TAPES:

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MKIV: 99143

PICS: P01447

LOWL: L00601 in drive #1

CHIP: Down for repair.

Sun May 23 23:20:55 GMT 1999

MkIII

16_56.rawmk3	18_07.rawmk3	19_31.rawmk3	20_42.rawmk3	21_54.rawmk3
17_00.rawmk3	18_15.rawmk3	19_35.rawmk3	20_46.rawmk3	21_57.rawmk3
17_04.rawmk3	18_23.rawmk3	19_38.rawmk3	20_50.rawmk3	22_01.rawmk3
17_07.rawmk3	18_31.rawmk3	19_42.rawmk3	20_54.rawmk3	22_05.rawmk3
17_11.rawmk3	18_35.rawmk3	19_46.rawmk3	20_57.rawmk3	22_09.rawmk3
17_15.rawmk3	18_38.rawmk3	19_50.rawmk3	21_01.rawmk3	22_12.rawmk3
17_19.rawmk3	18_42.rawmk3	19_53.rawmk3	21_05.rawmk3	22_16.rawmk3
17_22.rawmk3	18_46.rawmk3	19_57.rawmk3	21_09.rawmk3	22_20.rawmk3
17_26.rawmk3	18_50.rawmk3	20_01.rawmk3	21_12.rawmk3	22_24.rawmk3
17_30.rawmk3	18_53.rawmk3	20_05.rawmk3	21_16.rawmk3	22_27.rawmk3
17_34.rawmk3	18_57.rawmk3	20_09.rawmk3	21_20.rawmk3	22_31.rawmk3
17_37.rawmk3	19_01.rawmk3	20_12.rawmk3	21_24.rawmk3	22_35.rawmk3
17_41.rawmk3	19_05.rawmk3	20_16.rawmk3	21_27.rawmk3	22_39.rawmk3
17_45.rawmk3	19_08.rawmk3	20_20.rawmk3	21_31.rawmk3	c18_11.rawmk3
17_49.rawmk3	19_12.rawmk3	20_24.rawmk3	21_35.rawmk3	c18_19.rawmk3
17_52.rawmk3	19_16.rawmk3	20_27.rawmk3	21_39.rawmk3	c18_27.rawmk3
17_56.rawmk3	19_20.rawmk3	20_31.rawmk3	21_42.rawmk3	
18_00.rawmk3	19_23.rawmk3	20_35.rawmk3	21_46.rawmk3	
18_04.rawmk3	19_27.rawmk3	20_39.rawmk3	21_50.rawmk3	