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Mauna Loa Solar Observatory Observer's Log  
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Wed Mar 29 17:12:01 GMT 2000

Year: 00 Doy: 089

Observer: koon

WEATHER COMMENT: Wed Mar 29 17:12:02 GMT 2000

Scattered cirrus and altocumulus, wind=10 mph from the SSE, temp=36 F.

Wed Mar 29 17:19:24 GMT 2000 MKIV Start Patrol

Wed Mar 29 17:19:30 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Wed Mar 29 17:19:30 GMT 2000 CHIP CHIP Start 7 Passband Patrol

**\*\*LOW-L PROBLEM\*\***: Wed Mar 29 17:30:53 GMT 2000

Both tapes L00681 and L00682 were popped out of their drives. Data were going to L00681 at last observing day. The drive #1 that held L00682 was blinking its amber LED, I cycled power to that drive to clear the error and loaded L00684 there. Data going to L00683 in drive #0. Since the program was still running I didn't restart it, just loaded the tapes.

Wed Mar 29 18:03:33 GMT 2000 PICS Flat

Wed Mar 29 18:06:11 GMT 2000 PICS End Flat

WEATHER COMMENT: Wed Mar 29 19:17:12 GMT 2000

Uniform thin cirrostratus.

MKIV COMMENT: Wed Mar 29 19:17:37 GMT 2000

Pausing due to clouds.

**\*\*LOW-L PROBLEM\*\***: Wed Mar 29 19:28:51 GMT 2000

L00683 popped out early from drive #0, already. Replaced it with L00685.

Wed Mar 29 20:00:50 GMT 2000 CHIP Gain7

Wed Mar 29 20:09:26 GMT 2000 CHIP End Gain

Wed Mar 29 20:09:37 GMT 2000 CHIP Bias

Wed Mar 29 20:10:35 GMT 2000 CHIP End Bias

COMMENT: Wed Mar 29 20:11:40 GMT 2000

Extended the dome slot.

**\*\*PSPT PROBLEM\*\***: Wed Mar 29 20:32:04 GMT 2000

Telescope was pointed all the way to West. Tried Run to restart and home everything, stalled, tried Run second time, it started but wouldn't point the telescope. I tried to turn off the limit switches and move the telescope via PC command like we do with the very similar focus stage problem, didn't work, couldn't turn off limit switches until I pushed the telescope away from West position. Run worked on second try (as usual) and observations continued.

**\*\*PSPT PROBLEM\*\***: Wed Mar 29 20:50:16 GMT 2000

Didn't point to sun correctly, did a "gdr ephmcal" sequence. There is a light cirrostratus overcast that may be contributing to the problems.

**\*\*PSPT PROBLEM\*\***: Wed Mar 29 22:00:19 GMT 2000

Did ephmcal again because of pointing problems, still got dark images.

Stopped, maybe the clouds are the cause of the problems.

Wed Mar 29 22:14:38 GMT 2000 PICS End Patrol

Wed Mar 29 22:16:28 GMT 2000 CHIP CHIP End Patrol

Wed Mar 29 22:17:13 GMT 2000 CHIP ending tape

COMMENT: Wed Mar 29 22:17:52 GMT 2000  
Finished giving a tour to a big group of Sierra Club kids from Oahu.  
COMMENT: Wed Mar 29 22:30:38 GMT 2000

TAPES:  
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MKIV: 00-089  
CHIP: C01087  
PICS: P01707  
LOWL: L00683 in drive #0 and L00684 in drive #1.

Wed Mar 29 22:32:10 GMT 2000  
MkIV

17_19.rawmk4	17_43.rawmk4	18_06.rawmk4	18_30.rawmk4	18_54.rawmk4
17_22.rawmk4	17_46.rawmk4	18_09.rawmk4	18_33.rawmk4	18_57.rawmk4
17_25.rawmk4	17_49.rawmk4	18_12.rawmk4	18_36.rawmk4	19_00.rawmk4
17_28.rawmk4	17_52.rawmk4	18_15.rawmk4	18_39.rawmk4	19_03.rawmk4
17_31.rawmk4	17_55.rawmk4	18_18.rawmk4	18_42.rawmk4	19_06.rawmk4
17_34.rawmk4	17_58.rawmk4	18_21.rawmk4	18_45.rawmk4	19_09.rawmk4
17_37.rawmk4	18_01.rawmk4	18_24.rawmk4	18_48.rawmk4	19_12.rawmk4
17_40.rawmk4	18_03.rawmk4	18_27.rawmk4	18_51.rawmk4	19_15.rawmk4