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Mauna Loa Solar Observatory Observer's Log  
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Thu Mar 6 17:02:40 GMT 2003

Year: 03 Doy: 065

Observer: stueben

WEATHER COMMENT: Thu Mar 6 17:03:33 GMT 2003

Clear, wind south 5-10mph, temp 40F.

Thu Mar 6 17:07:11 GMT 2003 CHIP Start Patrol

Thu Mar 6 17:07:24 GMT 2003 PICS Start Patrol

Thu Mar 6 17:09:34 GMT 2003 MKIV Start Patrol

PSPT COMMENT: Thu Mar 6 17:18:38 GMT 2003

Observing.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Mar 6 17:33:10 GMT 2003

Thu Mar 6 18:01:52 GMT 2003 CHIP LSD

MKIV COMMENT: Thu Mar 6 18:02:35 GMT 2003

Centered 01 guider.

Thu Mar 6 18:03:38 GMT 2003 CHIP End LSD

Thu Mar 6 18:03:53 GMT 2003 CHIP BiasLSD

Thu Mar 6 18:04:24 GMT 2003 PICS Flat

Thu Mar 6 18:04:54 GMT 2003 CHIP End BiasLSD

Thu Mar 6 18:05:03 GMT 2003 CHIP Bias

Thu Mar 6 18:05:55 GMT 2003 CHIP End Bias

Thu Mar 6 18:06:54 GMT 2003 PICS End Flat

\*\*GONG PROBLEM\*\*: Thu Mar 6 18:46:26 GMT 2003

Was down at shelter working a a problem, going back down again.

MKIV COMMENT: Thu Mar 6 19:18:56 GMT 2003

Centered 01 guider.

\*\*GONG PROBLEM\*\*: Thu Mar 6 19:43:28 GMT 2003

Back from shelter. First I cycled the Data computer to clear the red "Data Caching" field. Then I did a tape change as requested Tuesday evening by gongops. There were problems getting the tape change done, the data computer didn't seem to be able to control the DLT1 drive so I had to cycle the power on that drive to get to the point where I could run the "Tape Change" program further, then it stalled again while trying to "certify the tape bank" with the new tapes installed. So I turned off power to the data computer, then cycled power to the DLT drives, then turned the data computer back on - which blew that last 3/4 A fuse in the camera relay box under the optical bench. They haven't sent us any new spare fuses yet so I used the last spare 3/4 A fuse from MLSO supply, luckily it didn't blow. After the data computer was turned on I ran the Tape Change program again and used the same tape numbers for "removed" and "installed" tapes, it made it all the way through without stalling. Then I rebooted the workstation so the images would update on the monitors.

MKIV COMMENT: Thu Mar 6 20:06:03 GMT 2003

Centered 01 guider.

MKIV COMMENT: Thu Mar 6 21:17:17 GMT 2003

Centered 01 guider.

Thu Mar 6 21:56:49 GMT 2003 CHIP End Patrol  
 Thu Mar 6 21:57:01 GMT 2003 PICS End Patrol  
 Thu Mar 6 21:59:38 GMT 2003 MKIV End Patrol  
 COMMENT: Thu Mar 6 22:00:06 GMT 2003  
 Idling instruments to reconfigure dome.  
 PICS COMMENT: Thu Mar 6 22:15:14 GMT 2003  
 Working on removing filter wheel motor, moving spar so will leave instruments  
 idled for a while.  
 Fri Mar 7 01:57:31 GMT 2003 CHIP Start Patrol  
 Fri Mar 7 01:57:45 GMT 2003 MKIV Start Patrol  
 Fri Mar 7 01:57:39 GMT 2003 PICS Start Patrol  
 COMMENT: Fri Mar 7 01:59:41 GMT 2003  
 Restarted instruments after changing PICS filter wheel motor.  
 PICS COMMENT: Fri Mar 7 02:11:07 GMT 2003  
 We removed the filter wheel motor and gears and swapped the old motor for a  
 new motor by attaching it to the old gears and shaft. It is very time  
 consuming to do all this, it took us about 4 hours, lots of disassembly  
 and tricky reassembly to get the gears lined up and the geneva drive disk  
 at the proper spacing on the motor shaft to prevent the drive-pin nut from  
 interfering while allowing the Home switch to be activated. The setscrew  
 was hard to remove but the heat gun helped to loosen the old Loktite. The  
 old motor is on the newer gearbox and in the black cabinet with the other  
 motors, it is labeled.  
 Fri Mar 7 02:26:50 GMT 2003 CHIP End Patrol  
 Fri Mar 7 02:32:47 GMT 2003 PICS End Patrol  
 PSPT COMMENT: Fri Mar 7 02:38:03 GMT 2003  
 Left rack power on overnight - so heater stays on.  
 Fri Mar 7 02:38:48 GMT 2003  
 MkIV

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

17\_30.rawmk4 18\_34.rawmk4 19\_39.rawmk4 20\_47.rawmk4 21\_56.rawmk4  
17\_33.rawmk4 18\_37.rawmk4 19\_42.rawmk4 20\_50.rawmk4  
17\_36.rawmk4 18\_40.rawmk4 19\_45.rawmk4 20\_53.rawmk4  
17\_39.rawmk4 18\_43.rawmk4 19\_48.rawmk4 20\_56.rawmk4