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Mauna Loa Solar Observatory Observer's Log  
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Wed Dec 11 17:10:23 GMT 1996

Year: 96 Doy: 346

Observer: yasukawa

WEATHER COMMENT: Wed Dec 11 17:10:32 GMT 1996

Cool, in cirrus overcast, light southeast wind.

Wed Dec 11 17:11:50 GMT 1996 CHIP Startup--Initializing new tape

Wed Dec 11 17:23:39 GMT 1996 dPMon Start Patrol

Wed Dec 11 17:24:04 GMT 1996 CHIP CHIP Start Patrol

Wed Dec 11 18:01:46 GMT 1996 CHIP Bias

Wed Dec 11 18:02:56 GMT 1996 CHIP End Bias

Wed Dec 11 18:03:05 GMT 1996 dPMon Flat

Wed Dec 11 18:03:06 GMT 1996 CHIP Water

Wed Dec 11 18:03:38 GMT 1996 CHIP End Water

Wed Dec 11 18:04:04 GMT 1996 dPMon End Flat

Wed Dec 11 19:01:51 GMT 1996 CHIP Bias

Wed Dec 11 19:02:53 GMT 1996 dPMon Flat

Wed Dec 11 19:03:01 GMT 1996 CHIP End Bias

Wed Dec 11 19:03:09 GMT 1996 CHIP Water

Wed Dec 11 19:03:42 GMT 1996 CHIP End Water

Wed Dec 11 19:03:51 GMT 1996 dPMon End Flat

Wed Dec 11 20:01:49 GMT 1996 CHIP Gain

Wed Dec 11 20:03:00 GMT 1996 dPMon Flat

Wed Dec 11 20:03:57 GMT 1996 dPMon End Flat

MKIII COMMENT: Wed Dec 11 20:14:52 GMT 1996

"Clear" region was filled with thin cirrus. Once this became apparent and waiting to get mkIII data seemed improbable, I turned off the analog and inspected the amphenol connector and wiring that had been giving us all the radial noise. Visually, it looked OK. I brought up a spare set from our Hilo inventory so I pulled off the heat-shrink to inspect the solder joints. White wire to PCOM parted easily while removing heat-shrink from solder cup on connector. Cut all wires after documenting the wiring and installed new connector. Checked signal and it looks like I did not hose anything in doing the fix.

Wed Dec 11 21:02:55 GMT 1996 dPMon Flat

Wed Dec 11 21:03:46 GMT 1996 dPMon End Flat

MKIII COMMENT: Wed Dec 11 21:52:13 GMT 1996

Attempted chan 1 alignment. Diddled with both final lens lateral translation and detector rotation as I could not get a decent waveform by adjusting either alone. I got a nice ramp finally with opal in, unfortunately there is a positive signal offset in P-S, but let's try this alignment for now. I ran correct. Not able to see results due to cirrus overcast.

COMMENT: Wed Dec 11 21:55:27 GMT 1996

I will end the day here as soon as CHIP does BLDR. I have to get into town by 2:00.

Activity report:

DPMON limb image mostly washed out by cirrus.  
No coronal data.

TAPES: CHIP: C00195  
DPMON: P00777  
LOWL: L00430

Wed Dec 11 22:01:38 GMT 1996 dPMon End Patrol

CHIP COMMENT: Wed Dec 11 22:01:57 GMT 1996

CHIP was crashed. fixing and halting.

Wed Dec 11 22:02:42 GMT 1996 CHIP End Gain

Wed Dec 11 22:02:49 GMT 1996 CHIP Bias

Wed Dec 11 22:03:36 GMT 1996 CHIP End Bias

Wed Dec 11 22:03:43 GMT 1996 CHIP Water

Wed Dec 11 22:04:10 GMT 1996 CHIP End Water

Wed Dec 11 22:08:59 GMT 1996 CHIP Bias

Wed Dec 11 22:10:12 GMT 1996 CHIP End Bias

Wed Dec 11 22:10:18 GMT 1996 CHIP Water

Wed Dec 11 22:10:49 GMT 1996 CHIP End Water

Wed Dec 11 22:12:21 GMT 1996 CHIP CHIP End Patrol

Wed Dec 11 22:13:35 GMT 1996 CHIP ending tape

CHIP COMMENT: Wed Dec 11 22:12:38 GMT 1996

Program wouldn't stop. Used video mode to abort patrol.