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Mauna Loa Solar Observatory Observer's Log  
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Tue Jul 8 16:34:41 GMT 2003

Year: 03 Doy: 189

Observer: koon

WEATHER COMMENT: Tue Jul 8 16:34:41 GMT 2003

Thick cirrostratus, wind=5 mph from the SE, temp=47 F.

COMMENT: Tue Jul 8 16:35:29 GMT 2003

Will wait for clouds to clear before starting obs.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Jul 8 16:50:28 GMT 2003

GONG COMMENT: Tue Jul 8 18:29:31 GMT 2003

I put the new spare DLT drive in the storage shed down by the shelter.

Wed Jul 9 01:37:11 GMT 2003 CHIP Start Patrol

Wed Jul 9 01:37:25 GMT 2003 PICS Start Patrol

MKIV COMMENT: Wed Jul 9 01:37:25 GMT 2003

Centered occulting.

Wed Jul 9 01:37:40 GMT 2003 MKIV Start Patrol

WEATHER COMMENT: Wed Jul 9 01:37:44 GMT 2003

Clouds have thinned enough for spar to track, starting some obs.

PSPT COMMENT: Wed Jul 9 01:38:18 GMT 2003

Observing.

PICS COMMENT: Wed Jul 9 01:38:24 GMT 2003

I had the PICS covers off, I photographed and measured the existing Halle filter setup to see how we can automate the lineshifter knob as requested by Boulder people. It is too tight a space to use any existing old mechanisms from the old automated setup when the camera and filter were on the Coude path. Best way would be to use smaller motor and possibly some kind of flexible coupling. I'll continue researching the possibilities.

Wed Jul 9 02:08:37 GMT 2003 PICS End Patrol

MKIV COMMENT: Wed Jul 9 02:16:15 GMT 2003

No data today, stopping.

**\*\*PICS PROBLEM\*\***: Wed Jul 9 02:16:30 GMT 2003

Stopped to remove one big new dust particle from CCD, as well as at least 2 smaller particles that have been there for a while. Use dv program to set exposure to 10 seconds and use vacuum to get dust while shutter is open.

Wed Jul 9 02:18:55 GMT 2003 CHIP End Patrol

Wed Jul 9 02:19:27 GMT 2003 MKIV End Patrol

Wed Jul 9 02:34:49 GMT 2003 PICS Start Patrol

Wed Jul 9 02:40:14 GMT 2003 PICS Start Patrol

**\*\*PICS PROBLEM\*\***: Wed Jul 9 02:50:46 GMT 2003

I think I got the ccd clean, if not I'll try again another day, I know I removed a big piece of dust. I'm having trouble getting Patrol to run again same with Video, they keep stalling at Init. Now it's too cloudy to track and get images. I'm going to reboot Nene and go home, it should be OK tomorrow

**\*\*PICS PROBLEM\*\***: Wed Jul 9 03:12:38 GMT 2003

Finally got covers back on again, cables were interfering left side, fixed.

Wed Jul 9 03:14:19 GMT 2003

MkIV

01_37.rawmk4	01_46.rawmk4	01_55.rawmk4	02_04.rawmk4	02_13.rawmk4
01_40.rawmk4	01_49.rawmk4	01_58.rawmk4	02_07.rawmk4	02_15.rawmk4
01_43.rawmk4	01_52.rawmk4	02_01.rawmk4	02_10.rawmk4	