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Mauna Loa Solar Observatory Observer's Log  
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Sun Jan 9 17:59:41 GMT 2005

Year: 05 Doy: 009

Observer: koon

WEATHER COMMENT: Sun Jan 9 17:59:43 GMT 2005

Thick clouds and light rain, wind=25 mph from the West, temp=38F.

\_\_\_\_end\_\_\_\_

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Jan 9 18:38:33 GMT 2005

WEATHER COMMENT: Sun Jan 9 20:10:13 GMT 2005

It's lightly snowing now.

\_\_\_\_end\_\_\_\_

\*\*PICS PROBLEM\*\*: Sun Jan 9 20:54:57 GMT 2005

I found the problem that was mentioned on previous days, where the Halle filter wasn't moving out of the lightpath, the cable chain that drives the Halle filter stage has jumped the sprocket for the leadscrew, and the leadscrew was not fixed at the sprocket end - the pressed bearing at that end came loose which allowed the sprocket to misalign with the drive sprocket and then the chain jumped off. I'll reseal the bearing with a little blue loctite on the outside perimeter, and reinstall the sprocket and chain.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Sun Jan 9 20:59:43 GMT 2005

It is very cold, especially up in the dome and the instruments, I have to warm up my hands and take a break every now and then. The snowfall looks neat.

\_\_\_\_end\_\_\_\_

\*\*PICS PROBLEM\*\*: Sun Jan 9 21:42:51 GMT 2005

Halle filter stage fixed and tested.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Sun Jan 9 21:43:22 GMT 2005

Snow is steady, I'll probably leave soon before it piles up too much to safely get off the mountain. I don't think anyone else knows about the snow yet, but when they hear about it a lot of people will be travelling up this road.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Sun Jan 9 22:06:34 GMT 2005

Still snowing, will leave soon.

\_\_\_\_end\_\_\_\_

GONG COMMENT: Sun Jan 9 22:06:55 GMT 2005

Will stop by shelter and Halt instrument and put the snow cover over it.

\_\_\_\_end\_\_\_\_

Sun Jan 9 22:09:01 GMT 2005

MkIV