

Mauna Loa Solar Observatory Observer's Log

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Wed May 17 20:32:18 GMT 1995

Year: 95 Doy: 137

Observer: yasukawa console May 17 20:22

WEATHER COMMENT: Wed May 17 20:32:50 GMT 1995

In extensive cirrus overcast which was worse this morning according to NOAA observers. North breeze.

COMMENT: Wed May 17 20:33:43 GMT 1995

Discovered in check of spare dec motor that the center tap on the exciter winding is not a tap but needs to be jumpered. That was reason that the spare did not work. Was too preoccupied with mechanical investigation to find that error at the time. Connected the jumper and made sure that the connection is very apparent for the next time. Came up to install and test the fix.

LOW-L COMMENT: Wed May 17 20:36:41 GMT 1995

L00238 popped, loaded L00240.

COMMENT: Wed May 17 20:40:34 GMT 1995

YES! Motor runs! Will install and test.

COMMENT: Wed May 17 21:13:27 GMT 1995

I think motor now works. The guider limit relay logic works but the guider declination is pegged to one direction of travel. Need to look into the electronics again. There is likely a component that is telling the drive logic that one sensor is getting more light than the other. It is difficult to say as the sky is overcast with moderate cirrus, but I will look into this anyway.

COMMENT: Wed May 17 23:32:04 GMT 1995

Could not find problem. Cirrus is very thick, no shadows. Will quit for the day and continue tomorrow. No observations.

Tapes: LOWL: L00239

Wed May 17 23:33:34 GMT 1995: Filemark