

Mauna Loa Solar Observatory Observer's Log

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Mon Mar 21 17:18:13 GMT 1994

Year: 94 Doy: 080

Observer: yasukawa

COMMENT: Mon Mar 21 17:18:34 GMT 1994

Heavy overcast today. No wind. Will troubleshoot Daystar problem. Yesterday's bench angle problem was likely due to the fact that I spent Thursday working on the Low-L problem with the DPMON Dome power on to enter logs on the SPARC. Since it was not clear, the bench was not set in the morning so it must have run all day from the angle it was left on Wednesday. That's probably why it was in the unusual position yesterday morning.

DPMON COMMENT: Mon Mar 21 18:43:43 GMT 1994

Checked for broken wires in Halle box and in Daystar controller and found no obvious breaks. Opened up Daystar and stuck thermometer down in between heater strip and insulation and so far, heater is operating.

DPMON COMMENT: Mon Mar 21 22:08:33 GMT 1994

With thermometer in Daystar and dvm probes on the heater power terminals in the controller box, I could determine that there was current going to Filter heater most of the time, it would fluctuate if I put my hand over the filter aperture (slightly warming or cooling the filter body), so I think the controller is operating ok. There were some wild fluctuations in voltage when I bent the cable between the filter and the controller. This is the section that was flexing during in/out motion. After a while, I couldn't repeat the fluctuations. Decided to reinstall the filter and secure the cable. There is no sun to test the filter today. Plugged it in and left it at 5.0.

COMMENT: Mon Mar 21 22:17:36 GMT 1994

Mon Mar 21 22:18:07 GMT 1994: Filemark