Mauna Loa Solar Observatory Observer's Log ______ Sun Jul 1 17:00:01 GMT 2001 Year: 01 Doy: 182 Observer: koon WEATHER COMMENT: Sun Jul 1 17:00:05 GMT 2001 Thick cirrostratus overcast, no wind, temp=46 F. Will wait for clouds to clear before starting obs. Sun Jul 1 17:39:10 GMT 2001 CHIP Start Patrol Sun Jul 1 17:39:23 GMT 2001 PICS Start Patrol WEATHER COMMENT: Sun Jul 1 17:39:18 GMT 2001 Clouds have thinned, Spar is tracking, starting PICS and CHIP. COMMENT: Sun Jul 1 18:00:29 GMT 2001 Hoike must have rebooted last night, I had to get the monitor out of Power Saving mode and login and then startup the animations. Sun Jul 1 18:02:22 GMT 2001 CHIP LSD Sun Jul 1 18:03:02 GMT 2001 PICS Flat Sun Jul 1 18:04:30 GMT 2001 CHIP End LSD Sun Jul 1 18:04:36 GMT 2001 CHIP BiasLSD Sun Jul 1 18:05:18 GMT 2001 End BiasLSD CHIP Sun Jul 1 18:05:25 GMT 2001 CHIP Bias Sun Jul 1 18:06:04 GMT 2001 PICS End Flat Sun Jul 1 18:06:08 GMT 2001 CHIP End Bias COMMENT: Sun Jul 1 18:53:48 GMT 2001 also affected Hoike last night. Sun Jul 1 19:02:07 GMT 2001 LSD CHIP Sun Jul 1 19:04:20 GMT 2001 CHIP End LSD Sun Jul 1 19:04:28 GMT 2001 BiasLSD CHIP Sun Jul 1 19:05:09 GMT 2001 CHIP End BiasLSD

Clock on answering machine was off, so there must have been a power glitch that

Sun Jul 1 19:05:15 GMT 2001 CHIP Bias Sun Jul 1 19:05:55 GMT 2001 CHIP End Bias Sun Jul 1 20:02:22 GMT 2001 CHIP LSD Sun Jul 1 20:04:27 GMT 2001 CHIP End LSD Sun Jul 1 20:04:34 GMT 2001 CHIP BiasLSD Sun Jul 1 20:05:14 GMT 2001 CHIP End BiasLSD Sun Jul 1 20:05:22 GMT 2001 CHIP Bias Sun Jul 1 20:06:02 GMT 2001 End Bias CHIP PICS Sun Jul 1 20:07:59 GMT 2001 End Patrol **GONG PROBLEM**: Sun Jul 1 20:10:53 GMT 2001

I went down to the shelter and fixed a problem that was giving fault indicators on the GUI. The power supplies were good but I had to replace the ADC board. They will send us another one and then we will send the bad board to them in Tucson. This is probably related to the power glitch(es) last night. There may be hail near the summit which may be an indicator of an electrical storm. WEATHER COMMENT: Sun Jul 1 20:13:58 GMT 2001

Thick orographic clouds are here, it looks like it may rain, stopped obs.

Sun Jul 1 20:53:23 GMT 2001 CHIP End Patrol

Sun Jul 1 20:53:46 GMT 2001

MkIV