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Mauna Loa Solar Observatory Observer's Log  
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Sun Apr 27 16:50:45 GMT 2003

Year: 03 Doy: 117

Observer: koon

WEATHER COMMENT: Sun Apr 27 16:50:48 GMT 2003

Thick cirrostratus overcast, no wind, temp=38 F.

COMMENT: Sun Apr 27 16:51:26 GMT 2003

Will wait for clouds to clear before starting instruments.

Sun Apr 27 17:03:21 GMT 2003 CHIP Start Patrol

Sun Apr 27 17:03:34 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Sun Apr 27 17:03:21 GMT 2003

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Apr 27 17:15:02 GMT 2003

MKIV COMMENT: Sun Apr 27 17:49:11 GMT 2003

Centered occulting.

Sun Apr 27 17:49:55 GMT 2003 MKIV Start Patrol

Sun Apr 27 18:00:46 GMT 2003 CHIP LSD

Sun Apr 27 18:02:38 GMT 2003 CHIP End LSD

Sun Apr 27 18:02:53 GMT 2003 CHIP BiasLSD

Sun Apr 27 18:03:33 GMT 2003 PICS Flat

Sun Apr 27 18:03:54 GMT 2003 CHIP End BiasLSD

Sun Apr 27 18:04:03 GMT 2003 CHIP Bias

Sun Apr 27 18:04:55 GMT 2003 CHIP End Bias

MKIV COMMENT: Sun Apr 27 18:04:56 GMT 2003

Pausing, sky is still too bright due to clouds.

Sun Apr 27 18:06:00 GMT 2003 PICS End Flat

Sun Apr 27 18:07:54 GMT 2003 MKIV End Patrol

Sun Apr 27 19:09:42 GMT 2003 CHIP End Patrol

WEATHER COMMENT: Sun Apr 27 19:10:01 GMT 2003

Clouds are too thick for spar to track sun, pausing instruments.

Sun Apr 27 19:11:46 GMT 2003 PICS End Patrol

WEATHER COMMENT: Sun Apr 27 20:12:44 GMT 2003

Clouds have thickened and are reaching low enough to cause fog, closed domes.

WEATHER COMMENT: Mon Apr 28 00:16:57 GMT 2003

Still cloudy and foggy.

COMMENT: Mon Apr 28 02:03:28 GMT 2003

Tried to find ways to use a drill motor to crank down the bottom of the PSPT slot, presently it can be closed that way. I couldn't find a safe way to do it, I would need to disable the ratchet latch that keeps the door from opening more - but that could cause problems with the top door pushing against the bottom door (hard) if the bottom door didn't stay closed after it was cranked shut. With the ratchet in place it is possible to easily force the gear into the ratchet because the clutch will tighten if the crank shaft is driven in that loosening CCW direction, and if that happens it will cause the handheld drill motor to possibly pry out of the users hand and fall 8' to the ground or someones foot. So the present setup is the safe way

to go, the door can be closed fast with the drill and that is what we need  
in case of rain or hail, and opening the dome is fast if you grab the handle  
well and spin in hard a couple of times in the CCW direction.

Mon Apr 28 02:39:10 GMT 2003

MkIV

17\_49.rawmk4 17\_55.rawmk4 18\_01.rawmk4

17\_52.rawmk4 17\_58.rawmk4 18\_04.rawmk4