
Mauna Loa Solar Observatory Observer's Log

Wed Jun 24 16:52:46 GMT 1998

Year: 98 Doy: 175

Observer: koon

WEATHER COMMENT: Wed Jun 24 16:52:48 GMT 1998

Thin to medium cirrostratus overcast, wind=10 mph from the SSE, temp=50 F.

Wed Jun 24 16:53:44 GMT 1998 CHIP Startup--Initializing new tape

Wed Jun 24 17:02:33 GMT 1998 CHIP CHIP Start Patrol

Wed Jun 24 17:08:18 GMT 1998 PICS Start Patrol

LOW-L PROBLEM: Wed Jun 24 17:36:36 GMT 1998

Program stalled yesterday at 22:06:45, instrument head was stowed.

This is the second crash of this nature while using the old, usually good, drive #0. We need to test the new drive #1 so I cycled the power and started the observations with data going to the Test Drive #1. I ejected and removed L00525 from Drive #0, had to clean the drive due to the blinking indicator LEDs, installed L00527 in drive #0.

Wed Jun 24 18:01:28 GMT 1998 PICS Flat

Wed Jun 24 18:02:54 GMT 1998 PICS End Flat

Wed Jun 24 18:03:19 GMT 1998 CHIP Bias

Wed Jun 24 18:04:24 GMT 1998 CHIP End Bias

Wed Jun 24 18:04:32 GMT 1998 CHIP Water

Wed Jun 24 18:05:14 GMT 1998 CHIP End Water

Wed Jun 24 19:02:19 GMT 1998 PICS Flat

Wed Jun 24 19:03:35 GMT 1998 CHIP Bias

Wed Jun 24 19:03:43 GMT 1998 PICS End Flat

Wed Jun 24 19:04:43 GMT 1998 CHIP End Bias

Wed Jun 24 19:04:50 GMT 1998 CHIP Water

Wed Jun 24 19:05:38 GMT 1998 CHIP End Water

Wed Jun 24 20:02:26 GMT 1998 PICS Flat

Wed Jun 24 20:03:18 GMT 1998 CHIP Gain

Wed Jun 24 20:03:50 GMT 1998 PICS End Flat

Wed Jun 24 20:08:08 GMT 1998 CHIP End Gain

Wed Jun 24 20:08:17 GMT 1998 CHIP Bias

Wed Jun 24 20:09:03 GMT 1998 CHIP End Bias

Wed Jun 24 20:09:10 GMT 1998 CHIP Water

Wed Jun 24 20:09:43 GMT 1998 CHIP End Water

COMMENT: Wed Jun 24 20:15:09 GMT 1998

Extended the dome slot.

Wed Jun 24 21:01:19 GMT 1998 CHIP Bias

Wed Jun 24 21:02:20 GMT 1998 PICS Flat

Wed Jun 24 21:02:25 GMT 1998 CHIP End Bias

Wed Jun 24 21:02:33 GMT 1998 CHIP Water

Wed Jun 24 21:03:18 GMT 1998 CHIP End Water

Wed Jun 24 21:03:48 GMT 1998 PICS End Flat

LOW-L PROBLEM: Wed Jun 24 22:01:00 GMT 1998

Program stalled at 21:22:00, instrument pointed at sun. Only 3 files on

L00526 from Test Drive #1. Cycled power to PC, moved L00527 from drive #0 to #1, installed L00528 in drive #0. Will restart with data going to Test Drive #1 again.

PICS End Flat

Wed Jun 24 22:40:36 GMT 1998 CHIP CHIP End Patrol

Wed Jun 24 22:41:35 GMT 1998 PICS End Patrol

LOW-L PROBLEM Wed Jun 24 22:59:34 GMT 1998

The last time this happened the weather was hot, like it is today, this lead David and I to think there could be a thermal problem. I checked the fans and they were working, but their filters were extremely filthy, probably due to the construction work last year. The computer cover over the power supply was pretty warm too. So I cleaned the filters and repositioned the equipment that was on the top of the computer so that there will be better heat loss through that cover. The computer then booted up correctly, so it probably was a thermal problem. I'll check the cover over the power supply occasionally to see if it gets as warm as it was. I also cleaned the inlet filter on the computer box. So the LOWL is up and running.

Wed Jun 24 23:12:36 GMT 1998 CHIP ending tape

COMMENT: Wed Jun 24 23:20:26 GMT 1998

TAPES:

PICS: P01227

CHIP: C00621

LOWL: L00526 and L00527 in Test Drive #1

Wed Jun 24 23:21:48 GMT 1998

MkIII