
Mauna Loa Solar Observatory Observer's Log

Thu May 11 16:44:53 GMT 2000

Year: 00 Doy: 132

Observer: koon

WEATHER COMMENT: Thu May 11 16:45:05 GMT 2000

Thin cirrostratus overcast, wind=5 mph from the SSE, temp=49 F.

Thu May 11 16:45:42 GMT 2000 CHIP Startup--Initializing new tape

Thu May 11 16:49:16 GMT 2000 MKIV Start Patrol Thu May 11 16:49:33 GMT 2000 PICS Start Patrol

Thu May 11 16:49:35 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Thu May 11 16:57:30 GMT 2000 PICS End Patrol

PICS COMMENT: Thu May 11 16:59:41 GMT 2000

Stopped Patrol and started Special, David requested that Special be run today.

MKIV COMMENT: Thu May 11 17:12:45 GMT 2000

Pausing, will wait for clouds to clear before continuing.

PSPT COMMENT: Thu May 11 17:13:06 GMT 2000

Will wait for clouds to clear before starting this.

LOW-L PROBLEM: Thu May 11 17:13:35 GMT 2000

Crashed again in the new regular way for the "new" drive #0. Instrument is pointed West, crashed at 22:27:30 5/10/00 UT, 14 files, message:tape, tape0:header, no graphics rectangles. As mentioned before, I saw the tape drive (previous day) repeatedly try to apparently write a header to the tape, it apparently couldn't, and the system was left crashed as it appears today and on 5/9, 5/7, 5/6, and 5/5. Can we convert to DLT type tapes like PSPT has and GONG will be converting to? The only recurrent problem with LOWL that has been with us from the start are the difficulties getting the exabyte tapes and drives to function reliably.

LOW-L COMMENT: Thu May 11 17:40:23 GMT 2000

Removed L00703 from drive #0, installed L00705, data going to L00704 in drive #1.

PSPT PROBLEM: Thu May 11 17:41:16 GMT 2000

I was prompted to install a tape for data yesterday, I did so, today I checked the tape and it didn't have any current data on it. I think the data writing and checking is automated and know that the checking doesn't work yet, but I'm not sure if there is another way to start the writing to tape. There are no messages regarding this on the screen, nor any selections in the control window.

Thu May 11 18:03:26 GMT 2000 PICS Flat
Thu May 11 18:06:01 GMT 2000 PICS End Flat

WEATHER COMMENT: Thu May 11 19:57:45 GMT 2000

Cirrostratus is getting thicker.

COMMENT: Thu May 11 19:57:57 GMT 2000

Extended the dome slot about15 minutes ago.

Thu May 11 20:03:37 GMT 2000 CHIP Gain7
Thu May 11 20:12:05 GMT 2000 CHIP End Gain

Thu May 11 20:12:16 GMT 2000 CHIP Bias

Thu May 11 20:13:14 GMT 2000 CHIP End Bias WEATHER COMMENT: Thu May 11 21:23:25 GMT 2000

Fog starting to move in, closing down.

Thu May 11 21:24:45 GMT 2000 CHIP CHIP End Patrol

Thu May 11 21:25:32 GMT 2000 PICS End Patrol
Thu May 11 21:50:11 GMT 2000 CHIP ending tape

COMMENT: Thu May 11 22:32:37 GMT 2000

Gave a tour and discussed safety concerns with Steve Sadler, his wife, and Katy Schmoll (sp?).

LOW-L PROBLEM: Thu May 11 22:49:21 GMT 2000

Double tape problem. It stopped writing to drive #1 at some point and started writing to L00705 in drive #0, then it crashed at 21:53:15 with message:tape and tape 0:header, the instrument was still pointed at the sun and would probably keep tracking until sunset - which is why we're finding it pointed to the West the day after these crashes. I think we need 2 new tape drives sent out to see if that helps, we're getting 2 varieties of crashes, I think drive #1 tends to pop out the tape and sometimes causes those graphic rectangle crashes, and drive #0 has these tape header crashes. The only other changes lately (besides drive #0) is the Y2K changeover, maybe the DOS can't handle the dates? After every power on for the PC the date comes up as 01-01-1980 but the time is good (usually), we then change the date before starting the program. Installed L00706 in drive #0 and L00707 in drive #1, after cleaning both.

COMMENT: Thu May 11 23:08:39 GMT 2000

TAPES: *****

MKIV: Too Cloudy, no data. LOG REVISION.

CHIP: C01123 PICS: P01744

LOWL: L00704 in drive #1, L00705 in drive #0, L00706 in drive #0.

Thu May 11 23:11:35 GMT 2000 MkIV

16_49.rawmk4 16_55.rawmk4 17_01.rawmk4 17_07.rawmk4 16_52.rawmk4 16_58.rawmk4 17_04.rawmk4 17_10.rawmk4