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Mauna Loa Solar Observatory Observer's Log  
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Sun Jun 29 16:30:59 GMT 1997

Year: 97 Doy: 180

Observer: yasukawa

WEATHER COMMENT: Sun Jun 29 16:31:03 GMT 1997

Cold, clear, strong southwest wind. High cloudbank to east, some clouds creeping across summit, may blow down mist over station.

Sun Jun 29 16:32:10 GMT 1997 CHIP Startup--Initializing new tape

Sun Jun 29 16:36:02 GMT 1997 dPMon Start Patrol

Sun Jun 29 16:36:27 GMT 1997 CHIP CHIP Start Patrol

MKIII COMMENT: Sun Jun 29 16:36:35 GMT 1997

MKIII down, 11/44 failure. Will check a few things out today before DEC's service call scheduled for tomorrow.

Sun Jun 29 16:57:48 GMT 1997 dPMon End Patrol

WEATHER COMMENT: Sun Jun 29 16:57:50 GMT 1997

Mist blowing down from cap cloud, closing dome.

Sun Jun 29 17:01:01 GMT 1997 CHIP Bias

Sun Jun 29 17:01:48 GMT 1997 CHIP End Bias

Sun Jun 29 17:01:55 GMT 1997 CHIP Water

Sun Jun 29 17:02:22 GMT 1997 CHIP End Water

CHIP COMMENT: Sun Jun 29 17:17:32 GMT 1997

CHIP did not stop as commanded, trying VIDEO mode to get Program end command window back to try again.

Sun Jun 29 17:20:48 GMT 1997 CHIP CHIP End Patrol

Sun Jun 29 17:40:33 GMT 1997 dPMon Start Patrol

Sun Jun 29 17:40:29 GMT 1997 CHIP CHIP Start Patrol

WEATHER COMMENT: Sun Jun 29 17:40:38 GMT 1997

Mist receded for now, orographic clouds forming all around so may get clouded out at some point.

Sun Jun 29 18:01:57 GMT 1997 dPMon Flat

Sun Jun 29 18:02:06 GMT 1997 CHIP Bias

MKIII COMMENT: Sun Jun 29 17:59:25 GMT 1997

11/44 processor is working as far as my using the console to command a non-disk start-up, boot from tape(write protected) and a transfer of system software to a scratch disk. I want to make a new system disk using last tape backup and try using it without loading current stuff onto disk. This will tell me if the blocks that are reloaded off of the damaged system disk were corrupted somehow.

Sun Jun 29 18:02:53 GMT 1997 dPMon End Flat

Sun Jun 29 18:02:53 GMT 1997 CHIP End Bias

Sun Jun 29 18:03:03 GMT 1997 CHIP Water

Sun Jun 29 18:03:37 GMT 1997 CHIP End Water

Sun Jun 29 18:13:06 GMT 1997 dPMon End Patrol

WEATHER COMMENT: Sun Jun 29 18:13:16 GMT 1997

Fog rolling in again, stopping and closing dome.

Sun Jun 29 18:15:50 GMT 1997 CHIP CHIP End Patrol

MKIII COMMENT: Sun Jun 29 19:06:18 GMT 1997

Tests with "new" disk produced same problems Darryl experienced. Commands did not work as they should, PEEK files were listed wrong and listings changed between PEEKs, NMAP files displayed differently each time, block listings occasionally showed gibberish and changed sometimes between consecutive list requests. I don't know if these writes are going to disk or to loaded RAM.

MKIII COMMENT: Sun Jun 29 19:14:23 GMT 1997

Halted processor, Booted. Got ### ? prompt, boot failed. Halted processor, unloaded disk, powered down, powered back up, loaded disk, booted, LA120 did a form feed, got a wierd prompt, lik a c and a circle with a cross in it, boot failed.

MKIII COMMENT: Sun Jun 29 19:39:55 GMT 1997

Well... I started making a bunch of backup copies of the 2/4/97 software from tape. I got two copies on disk, unsure whether tape to disk transfer is not also being corrupted. On the third copy attempt, the TS11 just quit and I smelled a HOT component. Upon checking, supply reel hub felt really hot. Maybe motor burned out.

MKIII COMMENT: Sun Jun 29 19:57:11 GMT 1997

Opened TS11 up and yes, Supply motor was real hot compared to the take-up motor. It smelled hot, also, compared to the take-up motor. Maybe there is a thermal cut-off somewhere and it just needs to cool I will try it in a while.

MKIII COMMENT: Sun Jun 29 20:04:14 GMT 1997

Turned TS11 back on and it came up. Rewound tape OK. Observed that cooling fan mounted on rear of unit is not turning. After rewind complete, I turned off power and checked fan. Blades were binding, fan no good. That's why drive motor was real hot apparently. I will let it cool down and try making one more backup disk.

MKIII COMMENT: Sun Jun 29 21:08:21 GMT 1997

TS11 motor cool, attempting to make one more backup disk.

MKIII COMMENT: Sun Jun 29 21:19:46 GMT 1997

OK, done. We now have 3 (questionable) disk backups of 2/4/96 system software containing 2/4/96 data in PEEK, corrector tables, etc. No part of june 97 system disk is loaded on these backups. The only doubt is whether the tape to disk transfer is not affected by the 11/44's problem. I f it is, whenever the 11/44 gets fixed, I'll have had lots of practice making a system disk from tape.

I will keep TS11 hooked up to system for now.

WEATHER COMMENT: Sun Jun 29 21:52:25 GMT 1997

Still overcast with occasional mist blowing over station from southeast.

Sun Jun 29 21:54:24 GMT 1997 CHIP ending tape

COMMENT: Sun Jun 29 21:53:18 GMT 1997

Activity report: QP: 50-60; 135; 290;

No coronal data--11/44 down.

Tapes: DPMON: P00923  
CHIP: C00344  
LOWL: L00462