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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 7 16:19:17 GMT 2000

Year: 00 Doy: 189

Observer: yasukawa

WEATHER COMMENT: Fri Jul 7 16:20:06 GMT 2000

In extensive altocumulus overcast, cool, light south breeze.

\*\*CHIP PROBLEM\*\*: Fri Jul 7 16:36:31 GMT 2000

Vic speculated that overheating may be cause of Datastor drive problem.

Kodak Megaplus controller sits on top of tape drive.

Swapped Datastor drive back into CHIP system and added large (nuts)

spacers between drive and controller to allow mor airflow around

the exabyte drive. Cleaned drive and loaded a tape. I will try running

CHIP in clouds to test drive.

\*\*CHIP PROBLEM\*\*: Fri Jul 7 16:42:29 GMT 2000

Datastor transport mechanism is making some noise as tape is loaded,

not sure whether it is loading motors or tape transport motors. Noise

is subtle but noticeable.

Fri Jul 7 16:45:23 GMT 2000 CHIP Startup--Initializing new tape

\*\*CHIP PROBLEM\*\*: Fri Jul 7 16:46:54 GMT 2000

The noise is there as soon as New tape begins, but is not heard during  
the filemark and rewind operation of the NewTape routine.

Fri Jul 7 16:48:42 GMT 2000 CHIP CHIP Start 7 Passband Patrol

WEATHER COMMENT: Fri Jul 7 18:08:08 GMT 2000

Altocumulus is breaking up, still in thin cirrus.

\*\*CHIP PROBLEM\*\*: Fri Jul 7 18:08:53 GMT 2000

Datastor drive has been taking data OK so far.

\*\*CHIP PROBLEM\*\*: Fri Jul 7 18:15:57 GMT 2000

Just started getting tape i/o error messages, top amber led is flashing

at 1/sec cadence (cleaning request), and tape popped out (by itself).

Stopping and swapping the TTI drive back into kii system.

\*\*CHIP PROBLEM\*\*: Fri Jul 7 18:18:38 GMT 2000

I will recycle the tape since the data is cloud images for most  
of the tape.

Fri Jul 7 18:20:13 GMT 2000 CHIP CHIP End Patrol

Fri Jul 7 18:24:59 GMT 2000 CHIP ending tape

Fri Jul 7 18:26:38 GMT 2000 CHIP Startup--Initializing new tape

Fri Jul 7 18:29:14 GMT 2000 CHIP CHIP Start 7 Passband Patrol

\*\*CHIP PROBLEM\*\*: Fri Jul 7 19:23:52 GMT 2000

Datastor tape drive is being shipped back to Vic today.

WEATHER COMMENT: Fri Jul 7 19:58:18 GMT 2000

Orographic clouds making their way up the mountain too.

Cirrus and altocumulus are extensive and thick.

Fri Jul 7 20:02:12 GMT 2000 CHIP Gain7

Fri Jul 7 20:10:26 GMT 2000 CHIP End Gain

Fri Jul 7 20:10:33 GMT 2000 CHIP Bias

Fri Jul 7 20:11:26 GMT 2000 CHIP End Bias

Fri Jul 7 20:15:50 GMT 2000 CHIP CHIP End Patrol  
Fri Jul 7 20:15:50 GMT 2000 CHIP CHIP End Patrol  
Fri Jul 7 20:16:28 GMT 2000 CHIP ending tape

COMMENT: Fri Jul 7 20:21:17 GMT 2000

Tapes:

MKIV: No data

PICS: P01794

CHIP: C01175

LOWL: L00730 in drive #1

Fri Jul 7 20:24:13 GMT 2000

MkIV