
Mauna Loa Solar Observatory Observer's Log

Fri Oct 4 16:44:27 GMT 2002

Year: 02 Doy: 277

Observer: yasukawa

WEATHER COMMENT: Fri Oct 4 16:44:30 GMT 2002

Cool, in thick, extensive altostratus and cirrostratus, no wind.

COMMENT: Fri Oct 4 16:45:04 GMT 2002

Using this opportunity to load additional memory into kaiee.

Will be inserting SIMM cards one at a time to determine which chip(s) are faulty. These chips were loaded previously, all at once, and the upgrade failed.

COMMENT: Fri Oct 4 17:15:32 GMT 2002

First SIMM in U0400 recognized.

Got a series of error messages at beginning of boot indicating SCSI transport failure, but that is irrelevant to this test at this time.

COMMENT: Fri Oct 4 17:26:46 GMT 2002

Second SIMM installed in U0401. Kaiee did not come up. HD chattered briefly and then nothing. Monitor did not come up. Turned kaiee off and removed SIMM from U0401, restarting.

COMMENT: Fri Oct 4 17:30:06 GMT 2002

kaiee came up like before with one additional simm inserted.

COMMENT: Fri Oct 4 17:37:28 GMT 2002

Another SIMM inserted into U0401. Kaiee came up and recognized the additional memory. Got same SCSI transport error message--does that come up all the time anyway?

COMMENT: Fri Oct 4 17:46:32 GMT 2002

Test also confirmed that the slot was not the cause of previous failure.

COMMENT: Fri Oct 4 17:55:34 GMT 2002

Third SIMM installed in U402. Kaiee came up OK. Same SCSI transport error. It is a timeout thing.

COMMENT: Fri Oct 4 18:06:06 GMT 2002

Suspected bad SIMM installed into U0403 as a retest. Sparc came up, but this time we saw a flurry of error messages flash by.

Basically the boot failed at memory allocation test at several longwords, fff8000, fff7000, fff6000,

Expecting 0 observed 2000

Suspected part in J0403 as we expected.

There were also a couple of level 15 interrupts, at one point, the Sparc recognized the additional memory and then spit out more memory allocation error messages and stopped at a level 15 interrupt and stayed stopped. Turned system off to remove bad SIMM. Will reassemble kaiee with 224 Mb of memory.

COMMENT: Fri Oct 4 18:19:40 GMT 2002

Kaiee back up and running with 224 Mb of RAM. Located the bad SIMM with this test. One slot available.

WEATHER COMMENT: Fri Oct 4 18:28:17 GMT 2002

Still in heavy overcast, no shadows to guide on.

COMMENT: Fri Oct 4 20:41:55 GMT 2002

Mailing the faulty SIMM back to Bunny via First Class Mail.

WEATHER COMMENT: Fri Oct 4 21:20:35 GMT 2002

Cirrostratus thinned enough to produce diffuse shadows. Decided to open things up and try to get some data.

Fri Oct 4 21:21:51 GMT 2002 CHIP Start Patrol

Fri Oct 4 21:22:01 GMT 2002 PICS Start Patrol

PSPT PROBLEM: Fri Oct 4 21:26:34 GMT 2002

PSPT was pointed west with covers open when we tried starting up.

Com between PC and Sparc was broken. Repointed spar to stow position.

Reset PC. Restarted.

PSPT COMMENT: Fri Oct 4 21:39:10 GMT 2002

PSPT started daily observations thru cirrus.

Fri Oct 4 21:45:10 GMT 2002 PICS End Patrol

Fri Oct 4 21:45:43 GMT 2002 CHIP End Patrol

PICS PROBLEM: Fri Oct 4 21:45:20 GMT 2002

PICS images stopped appearing and MCC monitor is not displaying.

Stopping to reset MCC.

Fri Oct 4 21:47:24 GMT 2002 CHIP Start Patrol

Fri Oct 4 21:47:28 GMT 2002 PICS Start Patrol

PICS PROBLEM: Fri Oct 4 21:52:05 GMT 2002

Automatic dome rotator did not engage when we opened up. PICS was shaded by dome.

PSPT COMMENT: Fri Oct 4 21:55:38 GMT 2002

Stopped PSPT observations.

Fri Oct 4 22:00:42 GMT 2002 CHIP End Patrol

Fri Oct 4 22:03:45 GMT 2002 PICS End Patrol

Fri Oct 4 22:05:23 GMT 2002

MkIV