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Mauna Loa Solar Observatory Observer's Log  
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Fri Feb 14 17:05:57 GMT 2003

Year: 03 Doy: 045

Observer: yasukawa

WEATHER COMMENT: Fri Feb 14 17:06:08 GMT 2003

Cold, Heavy overcast overhead and to west, possible clear window to east closing slowly (sun not up yet), strong southwest wind.

Fri Feb 14 17:18:14 GMT 2003 CHIP Start Patrol

Fri Feb 14 17:18:24 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Fri Feb 14 17:25:54 GMT 2003

Sun and altostratus deck caught up with each other before we could get any good PICS or CHIP data. There is a hole that opened up that may provide another opportunity of data.

Fri Feb 14 17:43:22 GMT 2003 CHIP End Patrol

Fri Feb 14 17:43:40 GMT 2003 PICS End Patrol

Fri Feb 14 17:52:17 GMT 2003 CHIP Start Patrol

Fri Feb 14 17:52:30 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Fri Feb 14 17:52:36 GMT 2003

Sun and hole (thin cirrostratus) about to intersect.

Fri Feb 14 18:01:52 GMT 2003 CHIP LSD

Fri Feb 14 18:03:40 GMT 2003 CHIP End LSD

Fri Feb 14 18:03:46 GMT 2003 CHIP BiasLSD

Fri Feb 14 18:04:25 GMT 2003 PICS Flat

Fri Feb 14 18:04:38 GMT 2003 CHIP End BiasLSD

Fri Feb 14 18:04:44 GMT 2003 CHIP Bias

Fri Feb 14 18:05:34 GMT 2003 CHIP End Bias

Fri Feb 14 18:06:45 GMT 2003 PICS End Flat

Fri Feb 14 18:21:17 GMT 2003 CHIP End Patrol

WEATHER COMMENT: Fri Feb 14 18:21:30 GMT 2003

Fog from approaching storm system rolled in. Closed domes, suspending PICS and CHIP for now.

COMMENT: Fri Feb 14 18:22:44 GMT 2003

No data yet, only cloud images =(

Fri Feb 14 18:26:08 GMT 2003 PICS End Patrol

WEATHER COMMENT: Fri Feb 14 18:45:10 GMT 2003

Fog has lifted a bit--it's low clouds blowing by, now. Clouds are not blowing into dome so I opened up as upper level clouds are still broken. May be able to get some data yet.

Fri Feb 14 18:47:30 GMT 2003 CHIP Start Patrol

Fri Feb 14 18:54:59 GMT 2003 PICS Start Patrol

**\*\*PICS PROBLEM\*\***: Fri Feb 14 18:55:22 GMT 2003

PICS is stalling at each step. Killing and restarting.

COMMENT: Fri Feb 14 18:58:13 GMT 2003

A check of images on hoike indicate there are a couple of marginal disk images from PICS and CHIP.

Fri Feb 14 19:16:04 GMT 2003 CHIP End Patrol

WEATHER COMMENT: Fri Feb 14 19:16:06 GMT 2003

Low clouds has turned to fog and drizzle again. Shutting down CHIP and closing dome again.

WEATHER COMMENT: Fri Feb 14 21:10:53 GMT 2003

Raining very hard now.

MKIV COMMENT: Fri Feb 14 23:24:13 GMT 2003

Installed new heating blanket around Dalsa camera. It was not as easy as it was thought. There may need to be some alignment of the camera, although it was not moved significantly--just wiggled a bit.

There was a coax connector holder that needed to be removed and then reinstalled with longer screws to allow the heater to slide all the way up the camera. Installing the heater bracket in the position shown on the documentation was not possible, clamp and screws stuck out too far. Things are tight inside the trough. I could not close the cover with the heater positioned that way so I had to remove everything and remount the heater backward. That caused the clamp screws to be in a very awkward place--resolved by using sheet metal screws to avoid having to stick washers and nuts onto inaccessible screws. The heater tab that sticks out minimally interferes with the rear hold-down assembly and again,

the covers. Had to aluminum tape the cover edges to seal the trough.  
The usual dropped tools and hardware added to the colorful language  
of the day.

Turned heater on after reassembly.

WEATHER COMMENT: Fri Feb 14 23:46:53 GMT 2003

Heavy rain has subsided. Still drizzling and totally socked in.

Shutting down for the day.

\*\*MKIV PROBLEM\*\*: Fri Feb 14 23:48:18 GMT 2003

Jusst noticed a message on nahenahe console:

NOTICE: alloc: /opt: file system full

\*\*PICS PROBLEM\*\*: Fri Feb 14 23:51:03 GMT 2003

PICS crashed on exit from windows desktop. Rebooted nene to recover.

Fri Feb 14 23:55:15 GMT 2003

MkIV