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Mauna Loa Solar Observatory Observer's Log  
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Fri Apr 5 16:59:53 GMT 2002

Year: 02 Doy: 095

Observer: yasukawa

WEATHER COMMENT: Fri Apr 5 17:00:01 GMT 2002

Cool, in broken cirrus and thick altocumulus, light southwest wind.

Fri Apr 5 17:02:23 GMT 2002 CHIP Start Patrol

Fri Apr 5 17:02:33 GMT 2002 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Apr 5 17:09:30 GMT 2002

Fri Apr 5 17:15:45 GMT 2002 MKIV Start Patrol

Fri Apr 5 17:27:54 GMT 2002 MKIV End Patrol

WEATHER COMMENT: Fri Apr 5 17:48:45 GMT 2002

Spar is barely guiding thru thick altocumulus.

Fri Apr 5 18:01:41 GMT 2002 PICS Flat

Fri Apr 5 18:03:26 GMT 2002 MKIV Start Patrol

WEATHER COMMENT: Fri Apr 5 18:03:45 GMT 2002

"Clear" hole, repointed spar that had drifted off sun.

Fri Apr 5 18:04:47 GMT 2002 PICS End Flat

\*\*PICS PROBLEM\*\*: Fri Apr 5 18:16:03 GMT 2002

PICS crashed after 1808 images. Killed/Run in attempt to recover.

Fri Apr 5 18:22:02 GMT 2002 PICS Start Patrol

Fri Apr 5 18:23:38 GMT 2002 PICS End Patrol

Fri Apr 5 18:50:27 GMT 2002 PICS Start Patrol

\*\*PICS PROBLEM\*\*: Fri Apr 5 18:50:18 GMT 2002

Crash was being caused by objective wheel time-outs. Home microswitch mount was bugged up and the switch had slipped enough that the home bump was not engaging the plunger. Adjusted the switch position and added a lockwasher to tighten it down.

WEATHER COMMENT: Fri Apr 5 18:55:16 GMT 2002

Very thick thunderhead is forming over Mauna Loa summit and anvil is expanding toward station.

Fri Apr 5 18:56:41 GMT 2002 MKIV End Patrol

Fri Apr 5 19:01:23 GMT 2002 CHIP LSD

WEATHER COMMENT: Fri Apr 5 19:03:12 GMT 2002

In heavy anvil top. Stopping observations and closing domes.

Fri Apr 5 19:03:31 GMT 2002 PICS End Patrol

Fri Apr 5 19:03:36 GMT 2002 CHIP End LSD

Fri Apr 5 19:03:47 GMT 2002 CHIP BiasLSD

Fri Apr 5 19:04:32 GMT 2002 CHIP End BiasLSD

Fri Apr 5 19:04:40 GMT 2002 CHIP Bias

Fri Apr 5 19:05:30 GMT 2002 CHIP End Bias

WEATHER COMMENT: Fri Apr 5 19:08:21 GMT 2002

Starting to drizzle.

Fri Apr 5 19:13:52 GMT 2002 CHIP End Patrol

Fri Apr 5 20:30:15 GMT 2002

MkIV

17\_15.rawmk4 18\_06.rawmk4 18\_21.rawmk4 18\_35.rawmk4 18\_50.rawmk4  
17\_18.rawmk4 18\_09.rawmk4 18\_23.rawmk4 18\_38.rawmk4 18\_53.rawmk4  
17\_21.rawmk4 18\_12.rawmk4 18\_26.rawmk4 18\_41.rawmk4  
17\_24.rawmk4 18\_15.rawmk4 18\_29.rawmk4 18\_44.rawmk4  
18\_03.rawmk4 18\_18.rawmk4 18\_32.rawmk4 18\_47.rawmk4