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## Mauna Loa Solar Observatory Observer's Log

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Tue May 21 16:43:20 GMT 2002

Year: 02 Doy: 141 Observer: yasukawa

WEATHER COMMENT: Tue May 21 16:44:18 GMT 2002

Cool, clear, no wind.

Tue May 21 16:49:49 GMT 2002 CHIP Start Patrol
Tue May 21 16:50:01 GMT 2002 MKIV Start Patrol
Tue May 21 16:50:06 GMT 2002 PICS Start Patrol

\*\*MLSO PROBLEM\*\*: Tue May 21 16:54:33 GMT 2002

UPS alarm annunciator chirping when I arrived. Message indicates battery charger has failed. System check indicates batteries OK at this time.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue May 21 16:55:48 GMT 2002

WEATHER COMMENT: Tue May 21 17:01:57 GMT 2002

Thick haze in saddle up to around 9000 ft, second layer at around 10,000-11,000

feet on Mauna Kea. Sky is very bright over Mauna Loa.

\*\*MLSO PROBLEM\*\*: Tue May 21 17:39:10 GMT 2002

Hoike is only animating mk4 images and today's images are black & white with no header info on them. CHIP just started animating, only the 19th's data and one of today's data so far, today's data is black & white and also has no header on it. PICS images are not animating.

WEATHER COMMENT: Tue May 21 17:42:03 GMT 2002

Rats! In cirrus from southwest.

\*\*MLSO PROBLEM\*\*: Tue May 21 17:44:28 GMT 2002

Hoike started animating PICS disk image with one of today's images,

b&w, no header.

Tue May 21 18:02:25 GMT 2002 PICS Flat
Tue May 21 18:05:17 GMT 2002 PICS End Flat
\*\*MLSO PROBLEM\*\*: Tue May 21 18:30:35 GMT 2002

PICS limb animations now going, no header, b&w. Alice is working on problem..

WEATHER COMMENT: Tue May 21 18:31:45 GMT 2002

Cirrus is getting thicker, stopping mk4.

Tue May 21 18:37:16 GMT 2002 MKIV End Patrol

Tue May 21 19:02:59 GMT 2002 CHIP LSD

Tue May 21 19:05:15 GMT 2002 CHIP End LSD

Tue May 21 19:05:26 GMT 2002 CHIP BiasLSD

Tue May 21 19:06:21 GMT 2002 CHIP End BiasLSD

Tue May 21 19:06:30 GMT 2002 CHIP Bias

Tue May 21 19:07:23 GMT 2002 CHIP End Bias

WEATHER COMMENT: Tue May 21 19:17:18 GMT 2002

There are a few holes approaching, but the sky may still be very bright.

Restarting MK4 in case we hit some of those holes.

Tue May 21 19:18:20 GMT 2002 MKIV Start Patrol

GONG COMMENT: Tue May 21 19:18:46 GMT 2002

Going down to GONG to do weekly PM and to install a DLT drive.

WEATHER COMMENT: Tue May 21 20:22:29 GMT 2002

In orographic clouds.

GONG COMMENT: Tue May 21 20:22:52 GMT 2002

Back from GONG.

COMMENT: Tue May 21 20:23:07 GMT 2002

Reconfiguring dome shutter.

Tue May 21 20:24:21 GMT 2002 CHIP End Patrol
Tue May 21 20:24:41 GMT 2002 PICS End Patrol
Tue May 21 20:35:09 GMT 2002 MKIV End Patrol

GONG COMMENT: Tue May 21 21:24:08 GMT 2002

Going down to GONG to check on CopyTape progress.

GONG COMMENT: Tue May 21 21:34:49 GMT 2002

CopyTape appeared to be finished. Removed data tapes and stored them on the worktable for now as instructed. Installed tapes removed to do CopyTape back into the cart drives. Bad drive removed by Darryl is packed up but GONG asked that we wait before shipping it back. They will advise about the data tapes, the weekly maintenance log that goes with the data tape, and the bad drive.

WEATHER COMMENT: Tue May 21 21:38:43 GMT 2002

Orographic clouds solid now.

Tue May 21 21:41:04 GMT 2002

MkIV

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      16_50.rawmk4
      17_32.rawmk4
      18_10.rawmk4
      19_30.rawmk4
      20_08.rawmk4

      16_53.rawmk4
      17_35.rawmk4
      18_13.rawmk4
      19_33.rawmk4
      20_11.rawmk4

      16_56.rawmk4
      17_38.rawmk4
      18_16.rawmk4
      19_36.rawmk4
      20_14.rawmk4

      16_58.rawmk4
      17_41.rawmk4
      18_19.rawmk4
      19_39.rawmk4
      20_17.rawmk4

      17_01.rawmk4
      17_43.rawmk4
      18_22.rawmk4
      19_41.rawmk4
      20_20.rawmk4

      17_04.rawmk4
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      19_47.rawmk4
      20_23.rawmk4

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      17_16.rawmk4
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      17_26.rawmk4
      18_04.rawmk4
      19_24.rawmk4
      20_02.rawmk4

      17_29.rawmk4
      18_07.rawmk4
      19_27.rawmk4
      20_05.rawmk4
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