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Mauna Loa Solar Observatory Observer's Log  
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Tue Apr 3 16:53:03 GMT 2001

Year: 01 Doy: 093

Observer: yasukawa

WEATHER COMMENT: Tue Apr 3 16:53:58 GMT 2001

Cool, in cirrus and broken altocumulus overcast, light south breeze.

Tue Apr 3 16:58:11 GMT 2001 CHIP Start Patrol

Tue Apr 3 16:58:24 GMT 2001 PICS Start Patrol

Tue Apr 3 16:58:38 GMT 2001 MKIV Start Patrol

Tue Apr 3 17:01:42 GMT 2001 CHIP LSD

CHIP COMMENT: Tue Apr 3 17:01:45 GMT 2001

CHIP is running OK.

PICS COMMENT: Tue Apr 3 17:02:05 GMT 2001

PICS is running OK.

MKIV COMMENT: Tue Apr 3 17:02:19 GMT 2001

MK4 is running OK.

Tue Apr 3 17:05:18 GMT 2001 CHIP End LSD

Tue Apr 3 17:05:30 GMT 2001 CHIP BiasLSD

Tue Apr 3 17:06:21 GMT 2001 CHIP End BiasLSD

Tue Apr 3 17:06:36 GMT 2001 CHIP Bias

Tue Apr 3 17:07:27 GMT 2001 CHIP End Bias

COMMENT: Tue Apr 3 17:21:13 GMT 2001

Looks like data transferred to kaiee OK last night.

\*\*ECHO PROBLEM\*\*: Tue Apr 3 17:41:39 GMT 2001

ECHO does not appear to be tracking.

PSPT COMMENT: Tue Apr 3 17:43:55 GMT 2001

PSPT appears to be working OK.

Tue Apr 3 18:01:24 GMT 2001 CHIP LSD

Tue Apr 3 18:04:16 GMT 2001 PICS Flat

Tue Apr 3 18:05:21 GMT 2001 CHIP End LSD

Tue Apr 3 18:05:31 GMT 2001 CHIP BiasLSD

Tue Apr 3 18:06:27 GMT 2001 CHIP End BiasLSD

Tue Apr 3 18:06:37 GMT 2001 CHIP Bias

\*\*MLSO PROBLEM\*\*: Tue Apr 3 18:02:22 GMT 2001

Laserjet III printer attached to the PC was jamming consistently yesterday. Brought injet printer up from Hilo "office" and installed it in place of laserjet. Printing OK but we'll need to monitor it over time to determine if altitude or humidity affect its operation. Hawaii Community College Electronics shop informed me at one time that they repair HP laserjet printers. Past experience is that repairs by any shop is quite expensive. If inkjet works, we will keep the failed laserjet for parts to maintain the one attached to the Suns.

Tue Apr 3 18:07:28 GMT 2001 CHIP End Bias

Tue Apr 3 18:07:57 GMT 2001 PICS End Flat

COMMENT: Tue Apr 3 18:16:44 GMT 2001

Except for the images being too large for the tiny CRT-type monitor

we are using, hoike appears to be working OK.

GONG COMMENT: Tue Apr 3 18:46:35 GMT 2001

Going down to GONG to tend to their Exabyte drives and the UPS.

Tue Apr 3 19:04:17 GMT 2001 CHIP LSD  
Tue Apr 3 19:07:40 GMT 2001 CHIP End LSD  
Tue Apr 3 19:07:50 GMT 2001 CHIP BiasLSD  
Tue Apr 3 19:08:38 GMT 2001 CHIP End BiasLSD  
Tue Apr 3 19:08:49 GMT 2001 CHIP Bias

ECHO COMMENT: Tue Apr 3 19:09:08 GMT 2001

ECHO is tracking!

Tue Apr 3 19:09:36 GMT 2001 CHIP End Bias  
Tue Apr 3 20:03:12 GMT 2001 CHIP LSD  
Tue Apr 3 20:06:35 GMT 2001 CHIP End LSD  
Tue Apr 3 20:06:45 GMT 2001 CHIP BiasLSD  
Tue Apr 3 20:07:32 GMT 2001 CHIP End BiasLSD  
Tue Apr 3 20:07:41 GMT 2001 CHIP Bias  
Tue Apr 3 20:08:26 GMT 2001 CHIP End Bias  
Tue Apr 3 20:13:42 GMT 2001 CHIP End Patrol  
Tue Apr 3 20:15:41 GMT 2001 PICS End Patrol

COMMENT: Tue Apr 3 20:18:26 GMT 2001

Stopping to reconfigure dome shutter.

GONG COMMENT: Tue Apr 3 20:18:42 GMT 2001

Back from GONG.

\*\*ECHO PROBLEM\*\*: Tue Apr 3 20:22:11 GMT 2001

ECHO paused so Jonathan can look at the data.

\*\*PSPT PROBLEM\*\*: Tue Apr 3 20:22:43 GMT 2001

PSPT was not tracking sun. May be due to dense overcast or network changeover. Aborted and shutting down.

Tue Apr 3 20:25:20 GMT 2001 CHIP Start Patrol  
Tue Apr 3 20:25:31 GMT 2001 PICS Start Patrol

\*\*ECHO PROBLEM\*\*: Tue Apr 3 20:46:50 GMT 2001

Steve suggested clouds might have been causing poor guiding.

\*\*PSPT PROBLEM\*\*: Tue Apr 3 20:47:25 GMT 2001

Clouds may also be the cause of failed guiding in PSPT also.

Tue Apr 3 21:01:17 GMT 2001 CHIP LSD  
Tue Apr 3 21:04:46 GMT 2001 CHIP End LSD  
Tue Apr 3 21:04:56 GMT 2001 CHIP BiasLSD  
Tue Apr 3 21:05:46 GMT 2001 CHIP End BiasLSD  
Tue Apr 3 21:05:56 GMT 2001 CHIP Bias  
Tue Apr 3 21:06:43 GMT 2001 CHIP End Bias

\*\*PSPT PROBLEM\*\*: Tue Apr 3 21:45:07 GMT 2001

FOLLOW-UP ON SNAPPY PROBLEM 3/29/2001

Play Incorporated, makers of Snappy, has gone out of business and credit folks that took over its assets will not support the products.

I found that they will provide some software support via webpage and downloaded a patch that will fix the specific problem we are experiencing.

\*\*PSPT PROBLEM\*\*: Tue Apr 3 21:52:14 GMT 2001

Snappy software patch fixed the problem. Snappy will now work on the PC.

\*\*ECHO PROBLEM\*\*:

ECHO restarted.

Tue Apr 3 22:03:14 GMT 2001 CHIP LSD  
Tue Apr 3 22:05:31 GMT 2001 PICS End Patrol  
Tue Apr 3 22:06:38 GMT 2001 CHIP End LSD  
Tue Apr 3 22:06:47 GMT 2001 CHIP BiasLSD  
Tue Apr 3 22:07:35 GMT 2001 CHIP End BiasLSD  
Tue Apr 3 22:07:45 GMT 2001 CHIP Bias  
Tue Apr 3 22:08:32 GMT 2001 CHIP End Bias

GONG COMMENT: Tue Apr 3 22:09:38 GMT 2001

Reconnected GONG xterm to NOAA network with a 10 base 2 tranceiver we had on hand. Guillermo is sending out a spare.

Tue Apr 3 22:10:44 GMT 2001 CHIP End Patrol

Tue Apr 3 22:12:14 GMT 2001

MkIV

16\_58.rawmk4 17\_10.rawmk4 17\_22.rawmk4 17\_34.rawmk4 17\_46.rawmk4  
17\_01.rawmk4 17\_13.rawmk4 17\_25.rawmk4 17\_37.rawmk4 17\_49.rawmk4  
17\_04.rawmk4 17\_16.rawmk4 17\_28.rawmk4 17\_40.rawmk4  
17\_07.rawmk4 17\_19.rawmk4 17\_31.rawmk4 17\_43.rawmk4