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Mauna Loa Solar Observatory Observer's Log  
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Tue Dec 17 17:12:32 GMT 2002

Year: 02 Doy: 351

Observer: yasukawa

\*\*MKIV PROBLEM\*\* : Tue Dec 17 17:12:35 GMT 2002

Akamai is not communicating with nahenahe. Yesterday there were no messages displayed on akamai window, today there is no window. Akamai VCP monitor functioning OK.

WEATHER COMMENT: Tue Dec 17 17:14:10 GMT 2002

Cool, clear, no wind.

Tue Dec 17 17:17:52 GMT 2002 CHIP Start Patrol

Tue Dec 17 17:18:02 GMT 2002 PICS Start Patrol

Tue Dec 17 17:20:44 GMT 2002 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Dec 17 17:26:56 GMT 2002

PSPT COMMENT: Tue Dec 17 17:33:05 GMT 2002

Daily observations started.

\*\*MKIV PROBLEM\*\* : Tue Dec 17 17:44:13 GMT 2002

Mk4 barrel rotation went to ccw limit and turned around just now.

Not sure what is going on.

\*\*MKIV PROBLEM\*\* : Tue Dec 17 17:47:11 GMT 2002

Barrel turned around OK that time.

MKIV COMMENT: Tue Dec 17 17:47:30 GMT 2002

Centered O1, steppers OK. MK4 just cleared dome cylinder.

Tue Dec 17 18:00:44 GMT 2002 CHIP LSD

Tue Dec 17 18:02:32 GMT 2002 CHIP End LSD

Tue Dec 17 18:02:47 GMT 2002 CHIP BiasLSD

Tue Dec 17 18:03:07 GMT 2002 PICS Flat

Tue Dec 17 18:03:36 GMT 2002 CHIP End BiasLSD

Tue Dec 17 18:03:51 GMT 2002 CHIP Bias

Tue Dec 17 18:04:36 GMT 2002 CHIP End Bias

Tue Dec 17 18:04:53 GMT 2002 MKIV End Patrol

Tue Dec 17 18:05:05 GMT 2002 MKIV Start Cal

Tue Dec 17 18:05:37 GMT 2002 PICS End Flat

MKIV COMMENT: Tue Dec 17 18:06:16 GMT 2002

Good sky this morning. I will do a Cal/Correct/Cal series.

Tue Dec 17 18:23:49 GMT 2002 MKIV End Cal

Tue Dec 17 18:24:00 GMT 2002 MKIV Start Correct

Tue Dec 17 18:25:43 GMT 2002 MKIV End Correct

Tue Dec 17 18:25:54 GMT 2002 MKIV Start Cal

MKIV COMMENT: Tue Dec 17 18:25:46 GMT 2002

First calibration and correct finished. Starting second calibrate.

Tue Dec 17 18:44:33 GMT 2002 MKIV End Cal

Tue Dec 17 18:44:43 GMT 2002 MKIV Start Patrol

MKIV COMMENT: Tue Dec 17 18:44:36 GMT 2002

Second calibrate finished.

Centered O1, steppers OK.

\*\*MKIV PROBLEM\*\* : Tue Dec 17 18:54:25 GMT 2002

Serial cable between KCC and nahenahe appears undisturbed. Wiggled both ends a bit. Awaiting mk4 idle and will reset KCC to see if I can recover the akamai window on nahenahe monitor.

Tue Dec 17 18:56:47 GMT 2002 MKIV End Patrol

\*\*MKIV PROBLEM\*\* : Tue Dec 17 18:58:43 GMT 2002

KCC monitor came back up with reverse colors, mouse not responding.

Resetting KCC again.

\*\*MKIV PROBLEM\*\* : Tue Dec 17 19:01:44 GMT 2002

KCC monitor came back up normally, mouse responsive. No akamai window on nahenahe. Pau on nahenahe console and Run to restart desktop.

Tue Dec 17 19:03:18 GMT 2002

MkIV

17_20.rawmk4	17_41.rawmk4	17_58.rawmk4	18_41.rawmk4	c18_17.rawmk4
17_23.rawmk4	17_42.rawmk4	18_01.rawmk4	18_44.rawmk4	c18_20.rawmk4
17_26.rawmk4	17_43.rawmk4	18_08.rawmk4	18_47.rawmk4	c18_31.rawmk4
17_29.rawmk4	17_46.rawmk4	18_14.rawmk4	18_50.rawmk4	c18_38.rawmk4
17_32.rawmk4	17_49.rawmk4	18_20.rawmk4	18_53.rawmk4	
17_35.rawmk4	17_52.rawmk4	18_28.rawmk4	c18_05.rawmk4	
17_38.rawmk4	17_55.rawmk4	18_34.rawmk4	c18_11.rawmk4	

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Tue Dec 17 19:04:55 GMT 2002

Year: 02 Doy: 351

Observer: yasukawa

\*\*MKIV PROBLEM\*\* : Tue Dec 17 19:05:19 GMT 2002

Also logged out and logged back in. Akamai window appeared briefly when I logged in and the desktop started. Akamai window again appeared briefly when I executed Run. It is gone from the desktop now. Will try logging out and logging back in as Allen Stueben to see if problem is with one of my files.

Tue Dec 17 19:08:27 GMT 2002

MkIV

17_20.rawmk4	17_41.rawmk4	17_58.rawmk4	18_41.rawmk4	c18_17.rawmk4
17_23.rawmk4	17_42.rawmk4	18_01.rawmk4	18_44.rawmk4	c18_20.rawmk4
17_26.rawmk4	17_43.rawmk4	18_08.rawmk4	18_47.rawmk4	c18_31.rawmk4
17_29.rawmk4	17_46.rawmk4	18_14.rawmk4	18_50.rawmk4	c18_38.rawmk4
17_32.rawmk4	17_49.rawmk4	18_20.rawmk4	18_53.rawmk4	
17_35.rawmk4	17_52.rawmk4	18_28.rawmk4	c18_05.rawmk4	
17_38.rawmk4	17_55.rawmk4	18_34.rawmk4	c18_11.rawmk4	

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Mauna Loa Solar Observatory Observer's Log  
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Tue Dec 17 19:11:09 GMT 2002

Year: 02 Doy: 351

Observer: stueben

Tue Dec 17 19:11:50 GMT 2002 MKIV Start Patrol

\*\*MKIV PROBLEM\*\* : Tue Dec 17 19:11:58 GMT 2002

Akamai window appears, disappears, reappears, and disappears again the same way that it did when I (yasukawa) logged in earlier.

Resuming Patrol under Stueben log-in.

GONG COMMENT: Tue Dec 17 19:15:16 GMT 2002

Going down to GONG to do weekly PM.

GONG COMMENT: Tue Dec 17 19:42:34 GMT 2002

Back from GONG.

MKIV COMMENT: Tue Dec 17 19:44:57 GMT 2002

Centered O1, steppers OK.

\*\*MKIV PROBLEM\*\* : Tue Dec 17 20:37:50 GMT 2002

Akamai problem is possibly a serial communication problem. Because the window appears and disappears consistently there is doubt that the cable is involved as communication would either fail completely or intermittently. There is a question whether the window comes up and goes away if not connection is detected. If that is the case, then cable can be listed as a possible suspect. We do not have a suitable cable to swap in between the KCC and nahenahe. If serial ports are suspect, it doesn't look like card swaps are an option, circuitry may be on the motherboards. KCC serial port is located on the rear of the chassis rather than on one of the plug-in cards. nahenahe serial port is also on the main back plate of the workstation. One option we can try would be moving the serial cable to another port-- currently at port #2 on the KCC and at port A on nahenahe. Methinks this would have to be done in software??

\*\*MKIV PROBLEM\*\* : Tue Dec 17 21:46:36 GMT 2002

Communication problem with KCC solved. Swapped RS232 cable (akamai to nahenahe) from port A to port B. Opened up a cmdtool window and typed in "tip ttyb". Got a "connected" response and then the akamai-> prompt. MK4 status messages then started streaming across to the window. Ended tip session and swapped the cable back to port A as a test. Did a "tip akamai" and got a "link down" message. This verified that there is a problem with nahenahe's serial port A. Swapped cable back to port B and requested that David Elmore change the code on nahenahe so that nahenahe looks for akamai data on port B at login and startup of Run.

Modem was connected to port B. Since it was not used regularly, we will be operating with no modem connected to nahenahe and a non-functioning port A "feature" on nahenahe. We will need to think about where to move the modem.

Tue Dec 17 22:05:32 GMT 2002 CHIP End Patrol

Tue Dec 17 22:05:46 GMT 2002 PICS End Patrol

Tue Dec 17 22:09:37 GMT 2002 MKIV End Patrol

Tue Dec 17 22:11:54 GMT 2002

MkIV

17\_20.rawmk4 18\_28.rawmk4 19\_47.rawmk4 20\_43.rawmk4 21\_39.rawmk4

17_23.rawmk4	18_34.rawmk4	19_50.rawmk4	20_46.rawmk4	21_42.rawmk4
17_26.rawmk4	18_41.rawmk4	19_53.rawmk4	20_49.rawmk4	21_44.rawmk4
17_29.rawmk4	18_44.rawmk4	19_56.rawmk4	20_52.rawmk4	21_47.rawmk4
17_32.rawmk4	18_47.rawmk4	19_59.rawmk4	20_54.rawmk4	21_50.rawmk4
17_35.rawmk4	18_50.rawmk4	20_01.rawmk4	20_57.rawmk4	21_53.rawmk4
17_38.rawmk4	18_53.rawmk4	20_04.rawmk4	21_00.rawmk4	21_56.rawmk4
17_41.rawmk4	19_11.rawmk4	20_07.rawmk4	21_03.rawmk4	21_59.rawmk4
17_42.rawmk4	19_14.rawmk4	20_10.rawmk4	21_06.rawmk4	22_05.rawmk4
17_43.rawmk4	19_17.rawmk4	20_13.rawmk4	21_09.rawmk4	c18_05.rawmk4
17_46.rawmk4	19_20.rawmk4	20_16.rawmk4	21_12.rawmk4	c18_11.rawmk4
17_49.rawmk4	19_23.rawmk4	20_19.rawmk4	21_15.rawmk4	c18_17.rawmk4
17_52.rawmk4	19_26.rawmk4	20_22.rawmk4	21_18.rawmk4	c18_20.rawmk4
17_55.rawmk4	19_29.rawmk4	20_25.rawmk4	21_21.rawmk4	c18_31.rawmk4
17_58.rawmk4	19_32.rawmk4	20_28.rawmk4	21_24.rawmk4	c18_38.rawmk4
18_01.rawmk4	19_35.rawmk4	20_31.rawmk4	21_27.rawmk4	
18_08.rawmk4	19_38.rawmk4	20_34.rawmk4	21_30.rawmk4	
18_14.rawmk4	19_41.rawmk4	20_37.rawmk4	21_33.rawmk4	
18_20.rawmk4	19_44.rawmk4	20_40.rawmk4	21_36.rawmk4	