
Mauna Loa Solar Observatory Observer's Log

Wed Jan 27 17:55:50 GMT 1999

Year: 99 Doy: 027

Observer: koon

Wed Jan 27 17:59:36 GMT 1999 CHIP Startup--Initializing new tape

Wed Jan 27 17:59:42 GMT 1999 MKIII Start Patrol

WEATHER COMMENT: Wed Jan 27 17:59:58 GMT 1999

Clear sky, wind=10 mph from the SE, temp=34 F.

atrol

Wed Jan 27 18:57:55 GMT 1999 MKIII Start Cal

Wed Jan 27 19:00:56 GMT 1999 CHIP Bias

Wed Jan 27 19:02:08 GMT 1999 CHIP End Bias

Wed Jan 27 19:02:18 GMT 1999 CHIP Water

Wed Jan 27 19:02:58 GMT 1999 CHIP End Water

Wed Jan 27 19:18:07 GMT 1999 MKIII Start Patrol

Wed Jan 27 20:00:48 GMT 1999 CHIP Gain

Wed Jan 27 20:05:27 GMT 1999 CHIP End Gain

Wed Jan 27 20:05:37 GMT 1999 CHIP Bias

Wed Jan 27 20:06:27 GMT 1999 CHIP End Bias

Wed Jan 27 20:06:42 GMT 1999 CHIP Water

Wed Jan 27 20:07:22 GMT 1999 CHIP End Water

WEATHER COMMENT: Wed Jan 27 20:34:22 GMT 1999

A very thin cirrostratus started moving in about 30 minutes ago and it has been steadily getting thicker.

Wed Jan 27 21:01:48 GMT 1999 CHIP Bias

Wed Jan 27 21:02:44 GMT 1999 CHIP End Bias

Wed Jan 27 21:02:54 GMT 1999 CHIP Water

Wed Jan 27 21:03:32 GMT 1999 CHIP End Water

From koon@hao.ucar.edu Wed Jan 27 16:05 MST 1999

Date: Wed, 27 Jan 1999 12:58:53 -1000

From: Darryl Koon <koon@hao.ucar.edu>

Organization: Mauna Loa Solar Observatory

To: elmore@hao.ucar.edu, kvs@hao.ucar.edu, alice@hao.ucar.edu,
mlso@hao.ucar.edu

Subject: Nahenahe and KCC problem

Hello,

At around 2145 Nahenahe and Kii crashed. MK3 and 4 were at az=184, just starting a new scan. The Nahenahe screen was frozen and I couldn't get control of it. I was able to do Kill on Kii but couldn't get the End Tape task to work, it just stalled. I tried resetting the KCC and that caused the red Fail LEDs on the Corr. and Micro boards to

light up, Nahenahe still frozen. STOP-A didn't work, cycled power to Nahenahe and it rebooted up to the point where it showed System ready
ReadKCC
then there were error messages about remote chassis power being off or a cable disconnected. Maybe that was referring to the KCC? I tried resetting the KCC again and cycling Nahenahe power again in different orders, but still couldn't get past Fail LEDs on KCC boards and incomplete reboot on Nahenahe. Does this sound familiar to anyone? The crash took place while I was trying to fix a PSPT problem so I'm not sure exactly when it happened. The Nahenahe computer is now turned off as is the KCC. I can't finish or send logs, files won't be transferred tonight, etcetera. I need to get to an appointment so I can't stay late to work on it but I'll be back tomorrow morning.
Aloha,
Darryl

****MKIV PROBLEM**:**

I'm writing this in the log on 1/28 so until late on 1/28 the log entries are going to look funny. There was a crash around 21:45 on 1/27 ut that caused the Nahenahe computer and the KCC to lockup. No further MKIV or MKIII observations can be done until this problem is fixed, there is more information about this on tomorrow's log (1/28 ut). I couldn't rlogin to Nahenahe from Nene, and all the fails LEDs were lit on the KCC. I tried various things like rebooting Nahenahe and the KCC in various different orders but was unable to fix the problem.

****PSPT PROBLEM**:**

No times due to problem with Nahenahe as mentioned above. On the 2200 ut set of observations I noticed the image vignetting again, it always seems to happen later in the day like that. The declination wasn't at a limit. I checked the shutter operation but was unable to see any problems there, it might be worth it to just change the shutter to see if the problem ends. While I was checking the shutter I blocked the beam and the telescope started pointing more and more to the West, and the Mirror On LED stayed lit, I don't understand that, I thought it was lit only when the mirror was locked on the sun?

****LOWL PROBLEM**:**

No time given due to Nahenahe problem explained above. The Lowl crashed at 2236 with those old rectangular graphics characters on the screen. I removed L00576 from drive #0, moved L00577 from #1 to #0, installed L00578 in #1, and restarted the observations.

TAPES:

MKIV: 99027
CHIP: C00769
LOWL: L00576 and L00577 in drive #0
PICS: Down for repairs.

17_59.rawmk3	18_48.rawmk3	19_47.rawmk3	20_35.rawmk3	21_24.rawmk3
18_03.rawmk3	18_51.rawmk3	19_50.rawmk3	20_38.rawmk3	21_27.rawmk3
18_06.rawmk3	18_54.rawmk3	19_53.rawmk3	20_42.rawmk3	21_30.rawmk3
18_09.rawmk3	19_01.rawmk3	19_56.rawmk3	20_45.rawmk3	21_33.rawmk3
18_12.rawmk3	19_08.rawmk3	20_00.rawmk3	20_48.rawmk3	21_37.rawmk3
18_16.rawmk3	19_14.rawmk3	20_03.rawmk3	20_51.rawmk3	21_40.rawmk3
18_19.rawmk3	19_18.rawmk3	20_06.rawmk3	20_55.rawmk3	21_43.rawmk3
18_22.rawmk3	19_21.rawmk3	20_09.rawmk3	20_58.rawmk3	21_46.rawmk3
18_25.rawmk3	19_24.rawmk3	20_13.rawmk3	21_01.rawmk3	c18_58.rawmk3
18_28.rawmk3	19_27.rawmk3	20_16.rawmk3	21_04.rawmk3	c19_04.rawmk3
18_32.rawmk3	19_31.rawmk3	20_19.rawmk3	21_07.rawmk3	c19_11.rawmk3
18_35.rawmk3	19_34.rawmk3	20_22.rawmk3	21_11.rawmk3	
18_38.rawmk3	19_37.rawmk3	20_26.rawmk3	21_14.rawmk3	
18_41.rawmk3	19_40.rawmk3	20_29.rawmk3	21_17.rawmk3	
18_45.rawmk3	19_44.rawmk3	20_32.rawmk3	21_20.rawmk3	