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Mauna Loa Solar Observatory Observer's Log  
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Thu Aug 20 16:46:30 GMT 1998

Year: 98 Doy: 232

Observer: koon

Thu Aug 20 16:47:31 GMT 1998 CHIP Startup--Initializing new tape

WEATHER COMMENT: Thu Aug 20 16:52:42 GMT 1998

Clear sky, wind=5 mph from the South, temp=53 F.

trol

Thu Aug 20 16:53:00 GMT 1998 PICS Start Patrol

Thu Aug 20 16:53:00 GMT 1998 PICS Start Patrol

LOW-L COMMENT: Thu Aug 20 16:59:07 GMT 1998

L00537 popped out of drive #1 as it should have. Cleaned that drive and installed L00539.

Thu Aug 20 17:00:39 GMT 1998 PICS Flat

Thu Aug 20 17:02:05 GMT 1998 PICS End Flat

Thu Aug 20 17:02:49 GMT 1998 CHIP Bias

Thu Aug 20 17:03:45 GMT 1998 CHIP End Bias

Thu Aug 20 17:03:55 GMT 1998 CHIP Water

Thu Aug 20 17:04:35 GMT 1998 CHIP End Water

\*\*\*\* EVENT COMMENT \*\*\*\*: Thu Aug 20 17:37:02 GMT 1998

CME in progress at PA=110.

Thu Aug 20 17:58:31 GMT 1998 PICS End Patrol

PICS COMMENT: Thu Aug 20 17:59:43 GMT 1998

Stalled, restarted with Kill/Run.

Thu Aug 20 18:00:29 GMT 1998 PICS Start Patrol

Thu Aug 20 18:01:49 GMT 1998 CHIP Bias

Thu Aug 20 18:02:46 GMT 1998 CHIP End Bias

Thu Aug 20 18:02:55 GMT 1998 CHIP Water

Thu Aug 20 18:03:37 GMT 1998 CHIP End Water

\*\*PSPT PROBLEM\*\*: Thu Aug 20 18:42:30 GMT 1998

Crashed after/during the 1800 ut data set. Haosheng and Roy will be calling today regarding the mirror oscillation problem so I might leave it as it is with all the error messages still on the screens.

Thu Aug 20 19:00:58 GMT 1998 CHIP Bias

Thu Aug 20 19:01:45 GMT 1998 PICS Flat

Thu Aug 20 19:02:06 GMT 1998 CHIP End Bias

Thu Aug 20 19:02:20 GMT 1998 CHIP Water

Thu Aug 20 19:03:08 GMT 1998 CHIP End Water

Thu Aug 20 19:03:19 GMT 1998 PICS End Flat

Thu Aug 20 20:00:49 GMT 1998 CHIP Gain

Thu Aug 20 20:01:38 GMT 1998 PICS Flat

Thu Aug 20 20:03:07 GMT 1998 PICS End Flat

Thu Aug 20 20:05:21 GMT 1998 CHIP End Gain

Thu Aug 20 20:05:31 GMT 1998 CHIP Bias

Thu Aug 20 20:06:20 GMT 1998 CHIP End Bias

Thu Aug 20 20:06:33 GMT 1998 CHIP Water

Thu Aug 20 20:07:13 GMT 1998 CHIP End Water

COMMENT: Thu Aug 20 20:28:50 GMT 1998

Extended the dome slot.

**\*\*PSPT PROBLEM\*\***: Thu Aug 20 20:52:27 GMT 1998

Still haven't been called by Haosheng or Roy. I called and left messages for them. We can't send logs or rlogin to Boulder via the net because of their Security Testing at Boulder, and one of the security changes was to prevent relaying email through Boulder to them, but I can receive messages from them. The PSPT is still down.

lat

Thu Aug 20 21:01:49 GMT 1998 CHIP Bias

**\*\*MLSO PROBLEM\*\***: Thu Aug 20 21:02:06 GMT 1998

Alice called regarding our network connection problem. She will FAX over some instructions on how to use the new gateway to login to Boulder, that will enable us to send mail beyond Boulder via the net. She will also change some things so that the logs can be sent again. Then our network problems should be fixed and will make use of the new security system.

**\*\*PSPT PROBLEM\*\***: Thu Aug 20 21:10:24 GMT 1998

I'm running out of time for today so I went ahead and tried some things. I was unsuccessful at doing a screen capture of the error messages since they came from IDL. I exited IDL and tried Run again. This is what Eric did on Monday and the mirror would oscillate. The screen error messages were the same ones that Eric sent to Haosheng on Monday. Now I'm waiting to see what happens with the instrument.

Thu Aug 20 22:01:45 GMT 1998 PICS Flat

Thu Aug 20 22:02:04 GMT 1998 CHIP Bias

Thu Aug 20 22:03:06 GMT 1998 CHIP End Bias

Thu Aug 20 22:03:18 GMT 1998 CHIP Water

Thu Aug 20 22:03:18 GMT 1998 CHIP Water

Thu Aug 20 22:04:05 GMT 1998 CHIP End Water

COMMENT: Thu Aug 20 22:07:43 GMT 1998

Spar lost tracking, closing down.

Thu Aug 20 22:07:49 GMT 1998 PICS End Patrol

**\*\*PSPT PROBLEM\*\***: Thu Aug 20 22:07:57 GMT 1998

Haosheng called and we tried some things. That strange looking quadrant that we've noticed in the last few weeks is a sign of a bad camera. It is intermittent and may be causing the XY centering problem we've seen. So the mirror oscillation problem may not be related, and it didn't occur today. The bad quadrant appears in the upper right on some of the images. Haosheng will probably send out a different camera for us to install, he'll have Fedex "Hold for Pickup" so we can more easily get ahold of it, if that isn't done then we have a difficult time getting the delivery since we're rarely in the Hilo office around 4 pm when the Fedex guy delivers.

COMMENT: Thu Aug 20 22:31:00 GMT 1998

With some help from Alice I've set up Nahenahe to allow us to get to the security gateway at Boulder by typing rlogin gate, then you enter your username and password, then type c hao.ucar.edu, then your HAO password, then you're in.

Thu Aug 20 22:46:31 GMT 1998 CHIP ending tape

COMMENT: Thu Aug 20 23:00:39 GMT 1998

Alice changed the log sending program, it will send logs to everyone except the four folks at Sunspot. A fix is pending. At least it gets to Boulder now.

COMMENT: Thu Aug 20 23:22:15 GMT 1998

OK, I added the numeric IP address for sunspot to the hosts list and we can send them logs too, again, just use the sendlog command as usual.

COMMENT: Thu Aug 20 23:23:15 GMT 1998

TAPES:

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PICS: P01272

CHIP: C00669

LOWL: L00537

Thu Aug 20 23:24:29 GMT 1998

MkIII

16_52.rawmk3	17_57.rawmk3	19_01.rawmk3	20_05.rawmk3	21_19.rawmk3
16_55.rawmk3	18_00.rawmk3	19_04.rawmk3	20_08.rawmk3	21_22.rawmk3
16_58.rawmk3	18_03.rawmk3	19_07.rawmk3	20_11.rawmk3	21_25.rawmk3
17_01.rawmk3	18_06.rawmk3	19_10.rawmk3	20_14.rawmk3	21_28.rawmk3
17_04.rawmk3	18_09.rawmk3	19_13.rawmk3	20_17.rawmk3	21_31.rawmk3
17_07.rawmk3	18_11.rawmk3	19_16.rawmk3	20_20.rawmk3	21_34.rawmk3
17_10.rawmk3	18_14.rawmk3	19_19.rawmk3	20_23.rawmk3	21_37.rawmk3
17_13.rawmk3	18_17.rawmk3	19_22.rawmk3	20_26.rawmk3	21_40.rawmk3
17_16.rawmk3	18_20.rawmk3	19_24.rawmk3	20_32.rawmk3	21_43.rawmk3
17_19.rawmk3	18_23.rawmk3	19_27.rawmk3	20_38.rawmk3	21_46.rawmk3
17_22.rawmk3	18_26.rawmk3	19_30.rawmk3	20_44.rawmk3	21_49.rawmk3
17_25.rawmk3	18_29.rawmk3	19_33.rawmk3	20_47.rawmk3	21_51.rawmk3
17_28.rawmk3	18_32.rawmk3	19_36.rawmk3	20_50.rawmk3	21_54.rawmk3
17_31.rawmk3	18_35.rawmk3	19_39.rawmk3	20_53.rawmk3	21_57.rawmk3
17_33.rawmk3	18_38.rawmk3	19_42.rawmk3	20_56.rawmk3	22_00.rawmk3
17_36.rawmk3	18_41.rawmk3	19_45.rawmk3	20_59.rawmk3	22_03.rawmk3
17_39.rawmk3	18_44.rawmk3	19_48.rawmk3	21_02.rawmk3	22_06.rawmk3
17_42.rawmk3	18_46.rawmk3	19_51.rawmk3	21_05.rawmk3	c20_29.rawmk3
17_45.rawmk3	18_49.rawmk3	19_54.rawmk3	21_08.rawmk3	c20_35.rawmk3
17_48.rawmk3	18_52.rawmk3	19_57.rawmk3	21_11.rawmk3	c20_41.rawmk3
17_51.rawmk3	18_55.rawmk3	20_00.rawmk3	21_13.rawmk3	
17_54.rawmk3	18_58.rawmk3	20_02.rawmk3	21_16.rawmk3	