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Mauna Loa Solar Observatory Observer's Log

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Tue Oct 5 16:27:34 GMT 1999

Year: 99 Doy: 278

Observer: yasukawa

WEATHER COMMENT: Tue Oct 5 16:28:13 GMT 1999

Cool, clear, light south wind.

**\*\*LOW-L PROBLEM\*\***: Tue Oct 5 16:28:28 GMT 1999

After increasing wing 2 setpoint to 134 yesterday, we noticed as we were leaving that the LOWL was not pointing correctly. Not sure if there was any causal relationship. Rebooted machine at around 23:56 UT yesterday. Unloaded L00631, data going to L00632, loaded L00633 in drive 0.

Tue Oct 5 16:32:28 GMT 1999 CHIP Startup--Initializing new tape

**\*\*LOW-L PROBLEM\*\***: Tue Oct 5 16:39:13 GMT 1999

There was no change in the wing2 temperature from yesterday's mod. Either changing value from the PC does nothing and something needs to be tweaked outside, or we are driving the heater with all the power we can muster. To test this we changed the value from 134 to 125. If this change works the temperature should drop with no power limitations.

Tue Oct 5 16:43:16 GMT 1999 MKIV Start Patrol

Tue Oct 5 16:43:23 GMT 1999 PICS Start Patrol

Tue Oct 5 16:43:27 GMT 1999 CHIP CHIP Start Patrol

MKIV COMMENT: Tue Oct 5 16:52:51 GMT 1999

Stopping while still looking at the wall so Alice can make a change to the Run script. Will restart and fix logs after change is made.

Tue Oct 5 16:57:16 GMT 1999

MkIV

16\_43.rawmk4 16\_46.rawmk4 16\_49.rawmk4 16\_52.rawmk4

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Mauna Loa Solar Observatory Observer's Log

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Tue Oct 5 17:02:11 GMT 1999

Year: 99 Doy: 278

Observer: yasukawa

Tue Oct 5 17:02:55 GMT 1999 MKIV Start Patrol

Tue Oct 5 17:02:58 GMT 1999 CHIP End Bias

Tue Oct 5 17:03:06 GMT 1999 CHIP Water

Tue Oct 5 17:03:46 GMT 1999 CHIP End Water

**\*\*LOW-L PROBLEM\*\***: Tue Oct 5 17:18:47 GMT 1999

Change to 125 did nothing. Setpoint on West controller changed outside but temperature did not change. Set it back to 134.0, change seen in setpoint outside but there was no change in temperature.

Tue Oct 5 18:01:00 GMT 1999 CHIP Bias

Tue Oct 5 18:01:59 GMT 1999 CHIP End Bias

Tue Oct 5 18:02:13 GMT 1999 CHIP Water

Tue Oct 5 18:02:28 GMT 1999 PICS Flat

Tue Oct 5 18:02:59 GMT 1999 CHIP End Water

Tue Oct 5 18:05:06 GMT 1999 PICS End Flat

Tue Oct 5 19:00:29 GMT 1999 PICS polarization\_calibration

Tue Oct 5 19:01:06 GMT 1999 CHIP Bias

Tue Oct 5 19:02:06 GMT 1999 CHIP End Bias

Tue Oct 5 19:02:22 GMT 1999 CHIP Water

Tue Oct 5 19:03:11 GMT 1999 CHIP End Water

Tue Oct 5 19:04:18 GMT 1999 MKIV Start Patrol

Tue Oct 5 20:01:00 GMT 1999 CHIP Gain

Tue Oct 5 20:06:40 GMT 1999 CHIP End Gain

Tue Oct 5 20:06:50 GMT 1999 CHIP Bias

**\*\*LOW-L PROBLEM\*\***: Tue Oct 5 20:06:58 GMT 1999

According to Steve, he and Greg replaced the West controller last time they were here with a unit that does not communicate with the PC. The old unit was left in to display the PC settings. He is getting Ron to write up a procedure to change the setting.

Tue Oct 5 20:08:49 GMT 1999 CHIP End Water

**\*\*MKIV PROBLEM\*\***: Tue Oct 5 20:47:35 GMT 1999

Phase dropouts were apparently being caused by taking off the monitor sync signal from the transformation board. When we removed the connectors to the coax the problem did not appear after about an hour of running. The problem reappeared as soon as David reconnected the coax. We removed the connection.

Tue Oct 5 21:00:59 GMT 1999 CHIP Bias  
Tue Oct 5 21:02:02 GMT 1999 CHIP End Bias  
Tue Oct 5 21:02:18 GMT 1999 CHIP Water  
Tue Oct 5 21:03:08 GMT 1999 CHIP End Water

\*\*MKIV PROBLEM\*\* : Tue Oct 5 21:06:05 GMT 1999

After removing the coax, we continued to see the phase dropouts. Hmmm....

COMMENT: Tue Oct 5 21:42:53 GMT 1999

Not quite there yet, need to reconfigure dome shutter. Stopping.

Tue Oct 5 21:43:24 GMT 1999 PICS End Patrol  
Tue Oct 5 21:51:16 GMT 1999 MKIV Start Patrol  
Tue Oct 5 21:51:39 GMT 1999 PICS Start Patrol  
Tue Oct 5 21:51:39 GMT 1999 PICS Start Patrol  
Tue Oct 5 22:01:01 GMT 1999 CHIP Bias  
Tue Oct 5 22:02:03 GMT 1999 CHIP End Bias  
Tue Oct 5 22:02:12 GMT 1999 CHIP Water  
Tue Oct 5 22:02:55 GMT 1999 CHIP End Water  
Tue Oct 5 22:31:51 GMT 1999 PICS End Patrol  
Tue Oct 5 22:33:36 GMT 1999 CHIP CHIP End Patrol  
Tue Oct 5 22:36:14 GMT 1999 CHIP ending tape

COMMENT: Tue Oct 5 22:49:42 GMT 1999

Kim and David have finished up and left. Shutting down and starting general clean-up.

COMMENT: Tue Oct 5 22:50:25 GMT 1999

TAPES:

MKIV: 99-278

PICS: P01567

CHIP: C00942

LOWL: L00632 in drive 1

Tue Oct 5 23:04:08 GMT 1999

MkIV

16_43.rawmk4	17_56.rawmk4	19_13.rawmk4	20_19.rawmk4	21_24.rawmk4
16_46.rawmk4	17_59.rawmk4	19_16.rawmk4	20_22.rawmk4	21_31.rawmk4
16_49.rawmk4	18_02.rawmk4	19_19.rawmk4	20_25.rawmk4	21_34.rawmk4
16_52.rawmk4	18_05.rawmk4	19_22.rawmk4	20_28.rawmk4	21_37.rawmk4
17_02.rawmk4	18_08.rawmk4	19_25.rawmk4	20_31.rawmk4	21_40.rawmk4
17_05.rawmk4	18_11.rawmk4	19_28.rawmk4	20_34.rawmk4	21_51.rawmk4
17_08.rawmk4	18_14.rawmk4	19_31.rawmk4	20_37.rawmk4	21_54.rawmk4
17_11.rawmk4	18_16.rawmk4	19_34.rawmk4	20_40.rawmk4	21_57.rawmk4
17_14.rawmk4	18_19.rawmk4	19_37.rawmk4	20_42.rawmk4	22_00.rawmk4
17_17.rawmk4	18_22.rawmk4	19_40.rawmk4	20_45.rawmk4	22_03.rawmk4
17_20.rawmk4	18_25.rawmk4	19_43.rawmk4	20_48.rawmk4	22_06.rawmk4
17_23.rawmk4	18_28.rawmk4	19_46.rawmk4	20_51.rawmk4	22_09.rawmk4
17_26.rawmk4	18_34.rawmk4	19_49.rawmk4	20_54.rawmk4	22_12.rawmk4
17_29.rawmk4	18_41.rawmk4	19_52.rawmk4	20_57.rawmk4	22_15.rawmk4
17_32.rawmk4	18_47.rawmk4	19_55.rawmk4	21_00.rawmk4	22_18.rawmk4
17_35.rawmk4	18_50.rawmk4	19_58.rawmk4	21_03.rawmk4	22_21.rawmk4
17_38.rawmk4	18_53.rawmk4	20_01.rawmk4	21_06.rawmk4	22_24.rawmk4
17_41.rawmk4	18_56.rawmk4	20_04.rawmk4	21_09.rawmk4	22_27.rawmk4
17_44.rawmk4	18_59.rawmk4	20_07.rawmk4	21_12.rawmk4	22_30.rawmk4
17_47.rawmk4	19_04.rawmk4	20_10.rawmk4	21_15.rawmk4	c18_31.rawmk4
17_50.rawmk4	19_07.rawmk4	20_13.rawmk4	21_18.rawmk4	c18_37.rawmk4
17_53.rawmk4	19_10.rawmk4	20_16.rawmk4	21_21.rawmk4	c18_44.rawmk4