
Mauna Loa Solar Observatory Observer's Log

Sat May 20 17:01:31 GMT 2000

Year: 00 Doy: 141

Observer: koon

WEATHER COMMENT: Sat May 20 17:01:33 GMT 2000

Clear sky, wind=5 mph from the West, temp=47 F.

Sat May 20 17:02:19 GMT 2000 CHIP Startup--Initializing new tape

Sat May 20 17:08:22 GMT 2000 PICS Start Patrol

Sat May 20 17:08:23 GMT 2000 CHIP CHIP Start 7 Passband Patrol

****LOW-L PROBLEM****: Sat May 20 17:44:16 GMT 2000

The MOF2 and MOF1 fields are red. MOF2 reads 139.9 but the setpoint display shows 110.0 and Eric noted that he set the controller in the electronics bay to 110.0, the MOF1 shows 85.0 and the displayed setpoint is 0.0 which is obviously the wrong setpoint but I can't find information on what this should be, I think MOF1 setpoint used to be 90.0. The images aren't good.

****LOW-L PROBLEM****: Sat May 20 17:57:00 GMT 2000

I found notes that the last MOF1 change I made in March had the setpoint left at 96.0, so I put it there now. The images got much better and the MOF1 field turned green.

Sat May 20 18:02:33 GMT 2000 PICS Flat

Sat May 20 18:05:24 GMT 2000 PICS End Flat

****LOW-L PROBLEM****: Sat May 20 18:14:35 GMT 2000

The MOF2 setpoint was at 142.0 inside the electronics bay. It isn't clear which controller to change so I'll label it for future reference. I set the controller to 110.0 as the setpoint.

****LOW-L PROBLEM****: Sat May 20 18:42:54 GMT 2000

The images were saturated, they had red pixels and white pixels. I decreased the transmission by setting the MOF1 lower until those pixels went away. The MOF1 is now set at 90.0

****LOW-L PROBLEM****: Sat May 20 18:47:23 GMT 2000

For some reason the MOF2 Res field shows a reading of 120.0 instead of 110.0, I know the temperature sensed by the MOF2 setpoint controller is 110.0 because I watched it stabilize.

****LOW-L PROBLEM****: Sat May 20 19:22:28 GMT 2000

I double checked the MOF2 temp inside the Electronics bay and it was still at 110.0 yet the MOF2 Res field of the lowl display screen is yellow and shows a reading of 120.0, this might be some kind of software warning limit setting, if so we'll need instructions on how to change this if we stay at an MOF2 setpoint that is outside of the range or we won't know what the temperature is without opening the Electronics bay and looking at the display in there. Will let the temperatures stabilize for a while then make a test data tape and copy files to the transfer directory via the Nahenahe tape drive.

COMMENT: Sat May 20 19:35:56 GMT 2000

Extended the dome slot.

****LOW-L PROBLEM****: Sat May 20 19:43:25 GMT 2000

Starting data test tape.

Sat May 20 20:01:22 GMT 2000 CHIP Gain7
Sat May 20 20:09:56 GMT 2000 CHIP End Gain
Sat May 20 20:10:07 GMT 2000 CHIP Bias
Sat May 20 20:11:05 GMT 2000 CHIP End Bias

COMMENT: Sat May 20 20:34:04 GMT 2000

Network is extremely slow.

LOW-L PROBLEM : Sat May 20 20:46:13 GMT 2000

OK, the test hour is up, removed test tape L00711 from drive #1, loaded L00713 there, restarted with data going to L00712 in drive #0. Will transfer data to appropriate directory for someone from Boulder to retrieve.

LOW-L PROBLEM : Sat May 20 21:00:05 GMT 2000

Transfer of test files done, they are in /local/e/Data/ToHAO/LowL/L00711 here on Nahenahe.

**** EVENT COMMENT **** : Sat May 20 21:10:16 GMT 2000

Faint CME in progress at PA=280.

Sat May 20 22:06:40 GMT 2000 PICS End Patrol

Sat May 20 22:07:36 GMT 2000 CHIP CHIP End Patrol

Sat May 20 22:08:10 GMT 2000 CHIP ending tape

PSPT PROBLEM : Sat May 20 22:24:12 GMT 2000

Separate commands Abort then Shutdown didn't work either, same problem as using Shutdown alone. See details of error messages in yesterday's log.

I exited IDL and closed the dust cap from the PC and turned off all the normal stuff.

COMMENT: Sat May 20 22:26:15 GMT 2000

TAPES:

MKIV: 00-141

CHIP: C01131

PICS: P01752

LOWL: L00710 and L00712 in drive #0, L00711 in drive #1 as a data test tape.

Sat May 20 22:28:29 GMT 2000

MkIV

17_08.rawmk4	18_20.rawmk4	19_23.rawmk4	20_25.rawmk4	21_27.rawmk4
17_11.rawmk4	18_23.rawmk4	19_25.rawmk4	20_28.rawmk4	21_30.rawmk4
17_14.rawmk4	18_26.rawmk4	19_28.rawmk4	20_31.rawmk4	21_33.rawmk4
17_17.rawmk4	18_29.rawmk4	19_31.rawmk4	20_34.rawmk4	21_36.rawmk4
17_20.rawmk4	18_32.rawmk4	19_34.rawmk4	20_37.rawmk4	21_39.rawmk4
17_23.rawmk4	18_35.rawmk4	19_37.rawmk4	20_40.rawmk4	21_42.rawmk4
17_29.rawmk4	18_38.rawmk4	19_40.rawmk4	20_43.rawmk4	21_45.rawmk4
17_35.rawmk4	18_41.rawmk4	19_43.rawmk4	20_46.rawmk4	21_48.rawmk4
17_41.rawmk4	18_44.rawmk4	19_46.rawmk4	20_49.rawmk4	21_51.rawmk4
17_44.rawmk4	18_47.rawmk4	19_49.rawmk4	20_52.rawmk4	21_54.rawmk4
17_47.rawmk4	18_50.rawmk4	19_52.rawmk4	20_55.rawmk4	21_57.rawmk4
17_50.rawmk4	18_53.rawmk4	19_55.rawmk4	20_58.rawmk4	22_00.rawmk4
17_53.rawmk4	18_56.rawmk4	19_58.rawmk4	21_01.rawmk4	22_03.rawmk4

17_56.rawmk4	18_59.rawmk4	20_01.rawmk4	21_03.rawmk4	22_06.rawmk4
17_59.rawmk4	19_02.rawmk4	20_04.rawmk4	21_06.rawmk4	22_09.rawmk4
18_02.rawmk4	19_05.rawmk4	20_07.rawmk4	21_09.rawmk4	c17_26.rawmk4
18_05.rawmk4	19_08.rawmk4	20_10.rawmk4	21_12.rawmk4	c17_32.rawmk4
18_08.rawmk4	19_11.rawmk4	20_13.rawmk4	21_15.rawmk4	c17_38.rawmk4
18_11.rawmk4	19_14.rawmk4	20_16.rawmk4	21_18.rawmk4	
18_14.rawmk4	19_17.rawmk4	20_19.rawmk4	21_21.rawmk4	
18_17.rawmk4	19_20.rawmk4	20_22.rawmk4	21_24.rawmk4	