
Mauna Loa Solar Observatory Observer's Log

Fri May 19 16:24:26 GMT 2000

Year: 00 Doy: 140

Observer: yasukawa

WEATHER COMMENT: Fri May 19 16:24:58 GMT 2000

Cool, clear, south wind.

Fri May 19 16:27:35 GMT 2000 CHIP Startup--Initializing new tape

Fri May 19 16:33:10 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Fri May 19 16:33:17 GMT 2000 MKIV Start Patrol

Fri May 19 16:33:22 GMT 2000 PICS Start Patrol

**** EVENT COMMENT ****: Fri May 19 17:15:32 GMT 2000

Possible CME in NE at PA 20-60.

LOW-L COMMENT: Fri May 19 17:26:08 GMT 2000

LOWL is running fine, 42 files, and still writing to drive #0.

Replacement MOF2 cell has arrived along with a spare cell.

I will wait for CME to stabilize before attempting to replace the bad MOF2 cell.

**** EVENT COMMENT ****: Fri May 19 17:33:09 GMT 2000

Possibly another CME in northwest. Background brightness is changing too, so it might be a seeing thing.

**** EVENT COMMENT ****: Fri May 19 17:43:35 GMT 2000

NW "event" looking more like a seeing anomaly than a CME.

Fri May 19 18:02:52 GMT 2000 PICS Flat

Fri May 19 18:05:46 GMT 2000 PICS End Flat

**** EVENT COMMENT ****: Fri May 19 18:07:30 GMT 2000

I do not see too much change in NE CME, starting calibrations.

LOW-L PROBLEM: Fri May 19 18:10:53 GMT 2000

Stopping LOWL to replace MOF2. Ending L00709.

COMMENT: Fri May 19 19:37:24 GMT 2000

Stopping to reconfigure dome shutter.

Patrol

COMMENT: Fri May 19 20:01:28 GMT 2000

Sorry, returned to MOF cell project while waiting for routines to stop, got carried away with a problem. reconfiguring the dome now.

Fri May 19 20:05:26 GMT 2000 MKIV Start Patrol

LOW-L PROBLEM: Fri May 19 21:54:29 GMT 2000

Done with replacement of MOF2 cell following KVS instructions.

Cell allowed to warm up for 30 minutes and then turned program back on.

Changed MOF2 temperature to 110.0 degrees C. at this time.

Since it is late in the day and cells are still not at temperature,

I will leave it running overnight, rather than for the next hour.

If Boulder really wants a one-hour only tape, Darryl can run one

tomorrow, when the temperature will presumably have stabilized.

Sending email so Boulder can send instructions for internet

transfer of lowl test tape.

PICS Start Patrol

****PICS PROBLEM****: Fri May 19 22:10:05 GMT 2000
PICS stalled at Init after dome reconfiguration so it was not taking data all the while until just now. I was busy with LOWL.
Cancelled Wait. Program started up.

Fri May 19 22:52:16 GMT 2000 PICS End Patrol

****LOW-L PROBLEM****: Fri May 19 22:52:36 GMT 2000

CHANGE OF PLAN

Just adjusted MOF2 setpoint at controller inside electronics bay from 140.0 to 110.0.

Change done at PC only changes the number on the display, doesn't do anything to controller.

Once that settles, we can take a look at the image to see if MOF1 needs adjustment. I think that one can be changed via computer. Kim will update instructions on how to do that.

Change in plan: We will leave the tape running overnight. If image looks good tomorrow morning, Darryl will unload L00710 from drive #0 and leave it on the OCP desk for transfer Monday morning. If image looks bad, we will leave tape in until we can tweak the temperatures. Once we get a good image, we will either transfer that data tape or observer will make a special 1-hour tape for transfer as per Boulder's instruction.

****CHIP PROBLEM****: Fri May 19 23:02:49 GMT 2000

I am seeing tape i/o errors. I will quit and clean drive before loading next tape.

****PSPT PROBLEM****: Fri May 19 23:24:36 GMT 2000

PSPT ran until the 22:52 shutdown time but failed to complete shutdown.

GUI is unresponsive, ABORT does nothing, Shutdown does nothing.

Spar is still tracking sun and cap is open. It is not taking data.

Message on IDL window is as follows:

```
There is a syntax error at pspt_shutdown.pro Line 73
Attempt to call undefined procedure/function: 'PSPT_SHUTDOWN".
Execution halted at PSPT_DAILY_OBS_EVENT 210 pspt_daily_obs_event.pro
WIDGET_PROCESS_EVENTS
```

Nothing seemed to work so I manually closed the cap from the PC, pointed the spar to shutdown position facing south of straight up, did an init sys at the PC and turned things off. Got rid of new, unresponsive gui with Exit in the IDL window.

****LOW-L PROBLEM****: Fri May 19 23:42:00 GMT 2000

Well, as if all the other fires weren't enough, lowl did a graphics crash. Reset PC and restarting.

****CHIP PROBLEM****: Fri May 19 23:48:56 GMT 2000

Killed processes and closed diffuser and cap with ycc control.

Cleaned drive, loaded new tape.

COMMENT: Fri May 19 23:50:20 GMT 2000

Tapes:

MKIV: 00-140

PICS: P01751

CHIP: C01130

LOWL: L00709 in drive #0 and L00710 in drive #0

Fri May 19 23:54:36 GMT 2000

MkIV

16_33.rawmk4	17_47.rawmk4	19_11.rawmk4	20_52.rawmk4	22_08.rawmk4
16_36.rawmk4	17_50.rawmk4	19_14.rawmk4	20_55.rawmk4	22_11.rawmk4
16_39.rawmk4	17_53.rawmk4	19_17.rawmk4	20_58.rawmk4	22_14.rawmk4
16_42.rawmk4	17_56.rawmk4	19_20.rawmk4	21_01.rawmk4	22_17.rawmk4
16_45.rawmk4	17_59.rawmk4	19_23.rawmk4	21_04.rawmk4	22_20.rawmk4
16_48.rawmk4	18_02.rawmk4	19_26.rawmk4	21_07.rawmk4	22_23.rawmk4
16_51.rawmk4	18_05.rawmk4	19_29.rawmk4	21_10.rawmk4	22_26.rawmk4
16_54.rawmk4	18_11.rawmk4	19_32.rawmk4	21_13.rawmk4	22_28.rawmk4
16_57.rawmk4	18_17.rawmk4	19_35.rawmk4	21_16.rawmk4	22_31.rawmk4
17_00.rawmk4	18_23.rawmk4	20_05.rawmk4	21_19.rawmk4	22_34.rawmk4
17_03.rawmk4	18_26.rawmk4	20_08.rawmk4	21_22.rawmk4	22_37.rawmk4
17_06.rawmk4	18_29.rawmk4	20_11.rawmk4	21_26.rawmk4	22_40.rawmk4
17_09.rawmk4	18_32.rawmk4	20_14.rawmk4	21_29.rawmk4	22_43.rawmk4
17_12.rawmk4	18_35.rawmk4	20_17.rawmk4	21_32.rawmk4	22_46.rawmk4
17_14.rawmk4	18_38.rawmk4	20_20.rawmk4	21_35.rawmk4	22_49.rawmk4
17_17.rawmk4	18_41.rawmk4	20_23.rawmk4	21_38.rawmk4	22_52.rawmk4
17_20.rawmk4	18_44.rawmk4	20_26.rawmk4	21_41.rawmk4	22_55.rawmk4
17_23.rawmk4	18_47.rawmk4	20_29.rawmk4	21_44.rawmk4	22_58.rawmk4
17_26.rawmk4	18_50.rawmk4	20_32.rawmk4	21_47.rawmk4	23_01.rawmk4
17_29.rawmk4	18_53.rawmk4	20_35.rawmk4	21_50.rawmk4	c18_08.rawmk4
17_32.rawmk4	18_56.rawmk4	20_38.rawmk4	21_53.rawmk4	c18_14.rawmk4
17_35.rawmk4	18_59.rawmk4	20_41.rawmk4	21_56.rawmk4	c18_20.rawmk4
17_38.rawmk4	19_02.rawmk4	20_44.rawmk4	21_59.rawmk4	
17_41.rawmk4	19_05.rawmk4	20_46.rawmk4	22_02.rawmk4	
17_44.rawmk4	19_08.rawmk4	20_49.rawmk4	22_05.rawmk4	