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                Mauna Loa Solar Observatory Observer's Log
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            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 presumeably have stabilized.
Sending email so Boulder can send instructions for internet
transfer of lowl test tape.
        PICS    Start Patrol
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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

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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
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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
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