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                 Mauna Loa Solar Observatory Observer's Log
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          Mon May 22 16:22:41 GMT 2000
Year: 00  Doy: 143
Observer: yasukawa
Mon May 22 16:25:00 GMT 2000    CHIP     Startup--Initializing new tape
WEATHER COMMENT: Mon May 22 16:25:06 GMT 2000
Cool, clear, light south breeze.
Mon May 22 16:30:45 GMT 2000    MKIV     Start Patrol
Mon May 22 16:30:43 GMT 2000    CHIP     CHIP Start 7 Passband Patrol
Mon May 22 16:30:43 GMT 2000    CHIP     CHIP Start 7 Passband Patrol
**LOW-L PROBLEM**: Mon May 22 16:43:21 GMT 2000
LOWL is running OK, data writing to L00713 in drive #1.  Currently 11 files.
Steve has requested that I increase MOF2 temperature from 110 to 120.
Doing that now.
**LOW-L PROBLEM**: Mon May 22 17:03:51 GMT 2000
MOF2 setpoint changed from 110 to 120.  Entered new setpoint value onto
monitor display.  L00713 file count now at 12.  I will take data at this
new setpoint for around an hour and then load the data onto nahenahe for
ftp transfer and examination in Boulder.
**** EVENT COMMENT ****: Mon May 22 17:32:17 GMT 2000
CME in progress at PA 70-100. There is also a faint EPL at PA 80 which
appears detached, moving thru the FOV at RV 1.2.

Mon May 22 18:03:22 GMT 2000    PICS     Flat
Mon May 22 18:06:11 GMT 2000    PICS     End Flat
**** EVENT COMMENT ****: Mon May 22 18:20:22 GMT 2000
EPL at PA 80 gone from FOV.
GONG COMMENT: Mon May 22 18:34:43 GMT 2000
Going down to GONG to do weekly PM.
GONG COMMENT: Mon May 22 19:16:00 GMT 2000
Back from GONG.
Experienced problems with Exabyte tape drives, cycled power and rebooted
data and instrument computers to recover.
**LOW-L PROBLEM**: Mon May 22 19:17:13 GMT 2000
L00713 now has 14 files and temperature has been stable for more than
an hour.  Ejecting tape and resuming obs onto L00714 in drive #0.
Loading L00715 into drive #1.
**LOW-L PROBLEM**: Mon May 22 19:24:25 GMT 2000
Reading L00713 into nahenahe e drive ftp directory:
/local/e/Data/ToHAO/LowL/L00713
COMMENT: Mon May 22 19:31:30 GMT 2000
Stopping to reconfigure dome shutter.
 Patrol
Mon May 22 19:34:18 GMT 2000    CHIP     CHIP End Patrol
Mon May 22 19:40:36 GMT 2000    MKIV     Start Patrol
Mon May 22 19:40:56 GMT 2000    CHIP     CHIP Start 7 Passband Patrol
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Mon May 22 19:40:56 GMT 2000    CHIP    CHIP Start 7 Passband Patrol
Mon May 22 20:02:18 GMT 2000    CHIP    Gain7
**LOW-L PROBLEM**: Mon May 22 20:03:28 GMT 2000
Tape transfer to nahenahe e drive finished.  Alerted Steve via email.
Loaded MKIV tape into nahenahe tape drive.
Mon May 22 20:10:56 GMT 2000    CHIP    End Gain
Mon May 22 20:11:11 GMT 2000    CHIP    Bias
Mon May 22 20:12:20 GMT 2000    CHIP    End Bias
**PSPT PROBLEM**: Mon May 22 20:51:13 GMT 2000
PSPT crashed at 19:40:29.
Last message on gui:  Writing image 20000522.1908.HW.R.C.015

Error message in xterm window:
        % WRITEU:  Error encountered writing to file.    Unit 100
                   File:  /psp1/pspt1/images/20000522.1908.HW.R.C.015
              No space left on device
        % Error occurred at:    WRITEFITS               184
                /export/home/pspt1/idl/idlastro/cds/util/fits/writefits.pro
                            PSPT_CALIB_DATA_EVENTS  240 pspt_calib_data.pro
                            WIDGET_PROCESS_EVENTS
                            $MAINS$
        Execution halted at:    PSPT_CALIB_DATA_EVENTS  240 pspt_calib_data.pro

**PSPT PROBLEM**: Mon May 22 21:20:52 GMT 2000
Closed gui and exited IDL.  Started up again and opened new gui.
Selected Abort (Randy reinstalled old program for now requiring ABORT
before doing Shutdown), and selected Shutdown.  GUI indicated there were
0 bytes available and began a backup, then shut down.  Backup only ran
briefly.  Randy meanwhile got my message and checked things out.
Brief backup was because files were not properly zipped so archive was
empty.  He will zip and write data to loaded tape tonight (and hopefully
fix the problem) and I will check the tape tomorrow and delete the archive
if the transfer is successful.
**LOW-L PROBLEM**: Mon May 22 21:31:49 GMT 2000
Steve prescribed another 10 degree increas in MOF2 temperature.
Raised temperature from 120 to 130.
Allowing 15 minutes to stabilize and will take about an hours worth of
data to transfer to Boulder.
COMMENT: Mon May 22 22:02:49 GMT 2000
Moving dome manually to try keeping the three telescopes in the slot.
Sun is moving either straight overhead or slightly north  this time
of year.
**LOW-L PROBLEM**: Mon May 22 22:17:24 GMT 2000
MOF2 Res value seems stable around 127.95.  Not sure if it is as high as
it is going to get at setpoint 130, or I missed it reaching setpoint and
hysteresis is causing it to hunt, or I'm just not being patient enough.
**LOW-L PROBLEM**: Mon May 22 23:00:54 GMT 2000
Stopping LOWL at 4 files for transfer to Boulder.  Unloading L00714
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from drive #0, cleaning drive, loading L00716 into drive #0,
restarting program writing to L00715 in drive #1.
Mon May 22 23:06:25 GMT 2000   PICS   End Patrol
LOW-L PROBLEM: Mon May 22 23:12:30 GMT 2000
Transferring LowL data from tape to nahenahe e-drive for Steve to ftp
over to Boulder for examination. Data is writing to:
/local/e/Data/ToHAO/LowL/L00714
Mon May 22 23:16:17 GMT 2000   CHIP   CHIP End Patrol
Mon May 22 23:17:02 GMT 2000   CHIP   ending tape
COMMENT: Mon May 22 23:17:11 GMT 2000
Tapes:
MKIV: 00-143
PICS: P01754
CHIP: C01133
LOWL: L00713, L00714, and L00715 in drives #1, #0, and #1 respectively
MKIV COMMENT: Mon May 22 23:27:14 GMT 2000
MKIV tape back in tape drive for overnight transfer.
Mon May 22 23:28:15 GMT 2000
        MkIV

16_30.rawmk4	17_48.rawmk4	19_14.rawmk4	20_37.rawmk4	21_54.rawmk4
16_33.rawmk4	17_50.rawmk4	19_17.rawmk4	20_40.rawmk4	21_57.rawmk4
16_36.rawmk4	17_53.rawmk4	19_20.rawmk4	20_43.rawmk4	22_00.rawmk4
16_39.rawmk4	17_56.rawmk4	19_23.rawmk4	20_46.rawmk4	22_03.rawmk4
16_42.rawmk4	17_59.rawmk4	19_26.rawmk4	20_48.rawmk4	22_06.rawmk4
16_45.rawmk4	18_02.rawmk4	19_29.rawmk4	20_51.rawmk4	22_08.rawmk4
16_48.rawmk4	18_05.rawmk4	19_32.rawmk4	20_54.rawmk4	22_11.rawmk4
16_51.rawmk4	18_08.rawmk4	19_40.rawmk4	20_57.rawmk4	22_14.rawmk4
16_54.rawmk4	18_11.rawmk4	19_43.rawmk4	21_00.rawmk4	22_17.rawmk4
16_57.rawmk4	18_14.rawmk4	19_46.rawmk4	21_03.rawmk4	22_20.rawmk4
17_00.rawmk4	18_17.rawmk4	19_49.rawmk4	21_06.rawmk4	22_23.rawmk4
17_03.rawmk4	18_20.rawmk4	19_52.rawmk4	21_09.rawmk4	22_26.rawmk4
17_06.rawmk4	18_23.rawmk4	19_55.rawmk4	21_12.rawmk4	22_29.rawmk4
17_09.rawmk4	18_26.rawmk4	19_58.rawmk4	21_15.rawmk4	22_32.rawmk4
17_12.rawmk4	18_32.rawmk4	20_01.rawmk4	21_18.rawmk4	22_35.rawmk4
17_15.rawmk4	18_38.rawmk4	20_04.rawmk4	21_21.rawmk4	22_38.rawmk4
17_18.rawmk4	18_44.rawmk4	20_07.rawmk4	21_24.rawmk4	22_41.rawmk4
17_21.rawmk4	18_48.rawmk4	20_10.rawmk4	21_27.rawmk4	22_44.rawmk4
17_24.rawmk4	18_51.rawmk4	20_13.rawmk4	21_30.rawmk4	22_47.rawmk4
17_27.rawmk4	18_54.rawmk4	20_16.rawmk4	21_33.rawmk4	22_50.rawmk4
17_30.rawmk4	18_56.rawmk4	20_19.rawmk4	21_36.rawmk4	22_53.rawmk4
17_33.rawmk4	18_59.rawmk4	20_22.rawmk4	21_39.rawmk4	22_56.rawmk4
17_36.rawmk4	19_02.rawmk4	20_25.rawmk4	21_42.rawmk4	22_59.rawmk4
17_39.rawmk4	19_05.rawmk4	20_28.rawmk4	21_45.rawmk4	c18_29.rawmk4
17_42.rawmk4	19_08.rawmk4	20_31.rawmk4	21_48.rawmk4	c18_35.rawmk4
17_45.rawmk4	19_11.rawmk4	20_34.rawmk4	21_51.rawmk4	c18_41.rawmk4