Mauna Loa Solar Observatory Observer's Log

Sat Jun 17 18:20:41 GMT 1995
Year: 95 Doy: 168
Observer: koon console Jun 17 18:18
Content-Length: 4480
X-Lines: 99
Status: RO

WEATHER COMMENT: Sat Jun 17 18:20:48 GMT 1995
Clear sky, wind=5 mph from the NW, temp=45 F.

Sat Jun 17 18:24:48 GMT 1995: Patrol Start
Sat Jun 17 19:00:57 GMT 1995: Calibration

LOW-L COMMENT: Sat Jun 17 19:15:57 GMT 1995
Program crashed yesterday 6/16 01:20:56 ut while writing data to drive #0
on L00261. Slight drop in phase voltage from 118.0 v to 117.8 v at about
the same time as the crash. Instrument head was stowed. Data writing
switched from drive #1 to drive #0 mid-day yesterday, well before crash.
Removed L00260 from drive #1 and installed L00263, removed L00261 from
drive #0 and installed L00262. Will get the West data requested by Steve
and then reset the computer to restart the program.

Sat Jun 17 20:00:02 GMT 1995: Calibration

COMMENT: Sat Jun 17 20:11:52 GMT 1995
Extended dome slot.

Sat Jun 17 21:02:56 GMT 1995: Calibration
Sat Jun 17 21:50:01 GMT 1995: Patrol End
Sat Jun 17 21:51:02 GMT 1995: Patrol Start

DPMON COMMENT: Sat Jun 17 21:51:05 GMT 1995
Optical runaway, fixed it.

Sat Jun 17 22:00:59 GMT 1995: Calibration
Sat Jun 17 23:01:02 GMT 1995: Calibration

DPMON COMMENT: Sat Jun 17 23:05:20 GMT 1995
Instrument was progressively blocked by the dome for the last 30 minutes due
to the problem trying to get all instruments to see the sun this time of day
and year.

Sun Jun 18 00:00:57 GMT 1995: Calibration

MKIII COMMENT: Sun Jun 18 00:05:19 GMT 1995
Data has been very noisy this afternoon, difficult to see any changes.

LOW-L COMMENT: Sun Jun 18 00:55:00 GMT 1995
Had six crashes between 2018 and 2214. Chart voltage dipped below 116v during that period, after voltage got above 116v there were no crashes. No obvious surges noticed during that period, the heater/fan was very inactive during that time also. The 486 didn't crash although connected to the lowl power strip. Cycling the power to the computer and the tape drives didn't stop the crashes. Something odd, when I tried to eject the tapes while starting up the lowl program they would rewind and stop without ejecting, then data would be written to the tape in drive #0. Maybe this is why the tape in drive #1 didn't eject yesterday when data suddenly started to be written to drive #0 in the middle of the day. I tried the manual eject button as we always do, on the front of the drive by the door. I recycled the tapes after each crash.

Sun Jun 18 01:06:02 GMT 1995: Patrol End
Sun Jun 18 01:06:05 GMT 1995: Patrol End

COMMENT: Sun Jun 18 01:19:02 GMT 1995
Activity report:
QP: 70; 84; 95; 222-235; 249; 260; 300-315.
No coronal activity.

TAPES:
******
MKIII: H01050
DPMON: P00379
LOW-L: L00261 in drive #1 and L00262 in drive #0

Sun Jun 18 01:21:33 GMT 1995: Filemark
SCAN-LOG
SCAN-LOG 18:25:40. 6/17/95 DOY 168

18:33:54	18:37:05	18:40:15	18:43:26	18:46:36
18:49:46	18:52:55	18:56:05	18:59:14	19:02:25
19:05:34	19:08:45	19:11:54	19:15:03	19:18:12
19:21:21	1929 0 CL	19:32:19	1936 15CL	19:49:19
19:54:32	19:57:41	20:00:54	20:04:00	20:07:06
20:10:11	20:13:22	20:16:29	20:19:35	20:22:40
20:25:46	20:28:53	20:32:00	20:35:06	20:38:13
20:41:18	20:44:25	20:47:30	20:50:37	20:53:43
20:56:52	20:59:58	21:03:05	21:06:10	21:09:17
21:12:24	21:15:37	21:18:43	21:21:49	21:24:54
21:28:01	21:31:06	21:34:13	21:37:20	21:40:27
21:43:32	21:46:38	21:49:43	21:52:49	21:55:54
21:59:03	22:02:08	22:05:14	22:08:19	22:11:25
22:14:30	22:17:41	22:20:47	22:23:54	22:26:59
22:30:05	22:33:10	22:36:16	22:39:21	22:42:29

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    22:45:34      22:48:41      22:51:46      22:54:53      22:57:58
    23:01:05      23:04:11      23:07:18      23:10:23      23:13:30
    23:16:36      23:19:42      23:22:48      23:25:54      23:29:02
    23:32:15      23:35:20      23:38:27      23:41:32      23:44:39
    23:47:44      23:50:51      23:53:56      23:57:04       0:00:10
     0:03:16       0:06:22       0:09:29       0:12:34       0:15:41
     0:18:46       0:21:53       0:24:58       0:28:04       0:31:09
     0:34:16       0:37:21       0:40:28       0:43:33       0:46:43
     0:49:49       0:52:55       0:56:00       0:59:07       1:02:12
     1:05:18
  0 ERRORS
OK
```