

Mauna Loa Solar Observatory Observer's Log

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Sat Apr 22 17:04:53 GMT 1995

Year: 95 Doy: 112

Observer: koon console Apr 22 16:56

WEATHER COMMENT: Sat Apr 22 17:04:59 GMT 1995

Mostly clear with some scattered cirrus, wind=5 mph from the SE, temp=40 F.

COMMENT: Sat Apr 22 17:06:07 GMT 1995

Took about 20 minutes to get the dPMon observing this morning. After taking a long time trying to login I rebooted and that took even longer. This is apparently related to an Internet problem with the router down at the NOAA office in Hilo, as is usually the case.

LOW-L COMMENT: Sat Apr 22 17:48:59 GMT 1995

Removed L00222 and installed L00224 in drive #0. Shortly after doing that switch something odd happened, I found the tape in drive #1 popped out and data was being written to drive #0 (it was going to drive #1 this morning). Removed L00223 and installed L00225 in drive #1.

Sat Apr 22 18:01:01 GMT 1995: Calibration

COMMENT: Sat Apr 22 18:25:37 GMT 1995

CME in progress at PA=270, accompanied by a surge out to RV=1.1

MKIII COMMENT: Sat Apr 22 18:28:14 GMT 1995

Still getting streaks in the data but it seems to get better as time passes.

MKIII COMMENT: Sat Apr 22 18:33:49 GMT 1995

I just cycled the Analog power while the scan was running (to save time) in an attempt to clear up the streaks.

DPMON COMMENT: Sat Apr 22 18:48:56 GMT 1995

Had a Camera:Busy error, cleared it.

MKIII COMMENT: Sat Apr 22 18:49:15 GMT 1995

Cycling the Analog power seemed to help eliminate the streaks.

DPMON COMMENT: Sat Apr 22 18:50:05 GMT 1995

Optical runaway, fixed it.

Sat Apr 22 18:51:04 GMT 1995: Patrol End

MKIII COMMENT: Sat Apr 22 18:51:08 GMT 1995

Can't get through to HAO to send a CME Alert message using Internet, problem at NOAA office probably. Having trouble getting through on MODEM also.

Sat Apr 22 18:52:29 GMT 1995: Patrol Start

Sat Apr 22 19:02:04 GMT 1995: Calibration

Sat Apr 22 20:02:00 GMT 1995: Calibration

LOW-L COMMENT: Sat Apr 22 20:13:17 GMT 1995

Program had the typical crash, restarted it.

COMMENT: Sat Apr 22 20:18:46 GMT 1995

Extended dome slot.

Sat Apr 22 20:19:59 GMT 1995: Patrol End

Sat Apr 22 20:20:30 GMT 1995: Patrol Start

DPMON COMMENT: Sat Apr 22 20:20:32 GMT 1995

Had an optical runaway, fixed it.

COMMENT: Sat Apr 22 20:21:24 GMT 1995

No sign of the CME, it has faded away. I'm still trying to get the modem to work so I can send out a CME alert message, when I start up tip and type 45 I should get a ! as a prompt, but I'm not getting it. I can call up and even hookup to HAO but I don't see any echo, which makes it impossible to get any further.

DPMON COMMENT: Sat Apr 22 20:34:28 GMT 1995

Datstar filter runaway, fixing it.

COMMENT: Sat Apr 22 20:36:12 GMT 1995

Fixed modem setting so that I get an echo and was able to hookup to HAO (I think) but all I got on the screen was a bunch of never ending scrolling jiberish. Connection was listed at 212 ( I think that should be 9600 baud). I'll keep trying.

Sat Apr 22 21:03:03 GMT 1995: Calibration

COMMENT: Sat Apr 22 21:50:42 GMT 1995

OK, finally got through to HAO and sent out the CME alert message. I had

to manually enter the desired telephone number by entering the following at the ! prompt:

dl8008776227

I will try to figure out how to change the stored number since it doesn't hook me up correctly. I'm not sure why the echo was set to OFF, but it is set correctly now.

WEATHER COMMENT: Sat Apr 22 21:54:58 GMT 1995  
Sky is getting very cloudy, will close down now.

Sat Apr 22 21:56:06 GMT 1995: Patrol End

COMMENT: Sat Apr 22 22:19:59 GMT 1995

Activity report:

Large CME from 1815 or earlier to 2000 at PA=270, with associated surge in same area out to RV=1.15, CME alert message sent out but delayed due to network problem (probably at NOAA office in Hilo), start of observations also delayed due to the slowdown of Sparcstation login associated with network problem.

QP: 73; 100; 133; 232.

TAPES:

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MKIII: H01015

DPMON: P00336

LOW-L: L00223 in drive #1 and L00224 in drive #0 due to odd change in where the data was being written by the program.

Sat Apr 22 22:29:12 GMT 1995: Filemark

SCAN-LOG

SCAN-LOG 16:57:22. 4/22/95 DOY 112

|           |          |          |           |          |
|-----------|----------|----------|-----------|----------|
| 17:02:34  | 17:05:48 | 17:08:59 | 17:12:11  | 17:15:21 |
| 17:18:33  | 17:21:43 | 17:24:54 | 17:28:04  | 17:31:16 |
| 17:34:26  | 17:37:37 | 17:40:47 | 17:43:59  | 17:47:09 |
| 17:50:22  | 17:53:32 | 17:56:44 | 17:59:54  | 18:03:06 |
| 18:06:17  | 18:09:30 | 18:12:41 | 18:15:52  | 18:19:05 |
| 18:22:23  | 18:25:34 | 18:28:52 | 18:32:04  | 18:35:16 |
| 18:38:27  | 18:41:40 | 18:44:52 | 18:48:07  | 18:51:17 |
| 18:54:29  | 18:57:41 | 19:00:54 | 19:04:06  | 19:07:18 |
| 19:10:28  | 19:13:40 | 19:16:50 | 19:20:02  | 19:23:12 |
| 19:26:23  | 19:29:34 | 19:32:47 | 19:35:58  | 19:39:09 |
| 19:42:19  | 19:45:30 | 19:48:39 | 19:51:51  | 19:55:01 |
| 19:58:12  | 20:01:21 | 20:04:32 | 20:07:43  | 20:11:00 |
| 20:14:10  | 20:17:20 | 20:20:30 | 20:23:40  | 20:26:50 |
| 20:30:00  | 20:33:10 | 20:36:20 | 2043 0 CL | 20:46:53 |
| 2051 15CL | 21:00:41 | 21:07:20 | 21:10:30  | 21:13:41 |
| 21:16:51  | 21:20:01 | 21:23:11 | 21:26:21  | 21:29:31 |

21:32:42  
21:48:32

21:35:51  
21:51:43

21:39:02  
21:54:53

21:42:11

21:45:22

0 ERRORS

OK