

Mauna Loa Solar Observatory Observer's Log

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Sun Dec 3 17:13:12 GMT 1995

Year: 95 Doy: 337

Observer: yasukawa console Dec 3 17:11

WEATHER COMMENT: Sun Dec 3 17:13:31 GMT 1995

Cool, clear, light south wind.

COMMENT: Sun Dec 3 17:13:49 GMT 1995

Starting up DPMON and then will work on troubleshooting 11/44.

Sun Dec 3 17:19:28 GMT 1995: Patrol Start

DPMON COMMENT: Sun Dec 3 17:22:05 GMT 1995

Optics runaway, reset Plessey.

DPMON COMMENT: Sun Dec 3 17:39:09 GMT 1995

Forgot to turn Coude bench clock drive back on after adjustment.

Re adjusted and turned on.

Sun Dec 3 18:02:01 GMT 1995: Calibration

MKIII COMMENT: Sun Dec 3 18:37:01 GMT 1995

After looking at logs and some history of the hosed 11/44 on the last few LA-120 printouts, I think what happened was:

1. a possible crash or dropout caused the cal failure that precipitated this episode.
2. "PROGRAMMER DOES FORGET TASK" worked initially to get 4105 back on line, but reattempts at cal failed due to same problem.
3. After a couple more cal attempts failed and 4105 recovery finally did not work using programmer does line, console recovery attempted, but due to faded crib sheet and my poor handwriting, Darryl typed in 776614 instead of 775614 and that probably hosed more code on disk 0. 775614 is the bus address of the DL-11C interface to the 4105. That code line writes a reset to the 4105 interface an allows it to continue.
4. I tested boot with corrupted disk and found it still hosed.
5. I loaded backup (10/19/92) disk 0 into RL02 and booted up just fine.
6. I went thru disk recovery from tape routine using the corrupted disk pak and the latest tape backup (11/30/95) and then booted up using the rewritten disk 0--Looks like it is working OK.
7. Began taking observations with MKIII.

Sun Dec 3 19:01:59 GMT 1995: Calibration

Sun Dec 3 20:02:08 GMT 1995: Calibration

Sun Dec 3 21:02:05 GMT 1995: Calibration  
Sun Dec 3 22:01:58 GMT 1995: Calibration  
Sun Dec 3 22:02:44 GMT 1995: Patrol End

COMMENT: Sun Dec 3 22:03:19 GMT 1995  
Activity report:  
QP: 115-120; 247;  
No coronal activity

Tapes: MKIII: H01181  
DPMON: P00505  
LOWL: L00356

Sun Dec 3 22:04:59 GMT 1995: Filemark

SCAN-LOG

SCAN-LOG 18:22:45. 12/3/95 DOY 337

18:30:12	18:33:27	18:36:41	18:39:57	18:43:10
18:46:24	18:49:37	1853 0 CL	18:56:34	1900 15CL
19:07:01	19:11:00	19:14:12	19:17:25	19:20:37
19:23:49	19:27:01	19:30:14	19:33:26	19:36:39
19:39:52	19:43:04	19:46:16	19:49:31	19:52:42
19:56:00	19:59:12	20:02:24	20:05:36	20:08:49
20:12:01	20:15:14	20:18:26	20:21:40	20:24:52
20:28:10	20:31:22	20:34:35	20:37:47	20:41:00
20:44:13	20:47:26	20:50:38	20:53:52	20:57:04
21:00:19	21:03:32	21:06:46	21:09:58	21:13:11
21:16:24	21:19:37	21:22:49	21:26:03	21:29:17
21:32:37	21:35:49	21:39:08	21:42:20	21:45:34
21:48:46	21:52:00	21:55:13	21:58:27	

0 ERRORS

OK