

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Wed Aug 6 16:42:44 GMT 1997

Year: 97 Doy: 218

Observer: koon

Wed Aug 6 16:42:50 GMT 1997 CHIP Startup--Initializing new tape

WEATHER COMMENT: Wed Aug 6 16:42:54 GMT 1997

Clear sky, wind=5 mph from the South, temp=50 F.

Wed Aug 6 16:47:59 GMT 1997 dPMon Start Patrol

Wed Aug 6 16:48:00 GMT 1997 CHIP CHIP Start Patrol

Wed Aug 6 17:01:05 GMT 1997 CHIP Bias

Wed Aug 6 17:01:50 GMT 1997 CHIP End Bias

Wed Aug 6 17:02:00 GMT 1997 CHIP Water

Wed Aug 6 17:02:32 GMT 1997 CHIP End Water

Wed Aug 6 17:03:11 GMT 1997 dPMon Flat

Wed Aug 6 17:04:06 GMT 1997 dPMon End Flat

LOW-L COMMENT: Wed Aug 6 17:45:19 GMT 1997

Tape L00468 popped out of drive #0 as it should have but the instrument program was stalled with 0 files and 0 scans at 16:04:15 ut this morning.

That is probably when it just woke up. Cleaning LEDs were blinking so

I cleaned drive #0, moved L00469 from drive #1 to drive #0, installed

L00470 in drive #1. At Steve's request I changed the heater setpoint

outside from 23 C to 25 C, and I will check the cable and board seatings

to the control computer in an attempt to track down the CCD bias problem

that has been affecting us since March 1996 but which has been detected

only recently. For some reason the bias or dark level of the CCD

camera changes about 1 hour after the instrument starts and changes

back at the end of the day, those are Steve's words.

Wed Aug 6 18:02:59 GMT 1997 dPMon Flat

Wed Aug 6 18:03:04 GMT 1997 CHIP Bias

Wed Aug 6 18:03:54 GMT 1997 dPMon End Flat

Wed Aug 6 18:03:59 GMT 1997 CHIP End Bias

Wed Aug 6 18:04:10 GMT 1997 CHIP Water

Wed Aug 6 18:04:48 GMT 1997 CHIP End Water

LOW-L COMMENT: Wed Aug 6 18:28:10 GMT 1997

All board and cable connections looked good, will send message to Steve, restarting observations.

Wed Aug 6 19:02:56 GMT 1997 dPMon Flat

Wed Aug 6 19:03:08 GMT 1997 CHIP Bias

Wed Aug 6 19:03:48 GMT 1997 dPMon End Flat

Wed Aug 6 19:04:01 GMT 1997 CHIP End Bias

Wed Aug 6 19:04:11 GMT 1997 CHIP Water

Wed Aug 6 19:04:43 GMT 1997 CHIP End Water

WEATHER COMMENT: Wed Aug 6 19:16:24 GMT 1997

wind has shifted to 10 mph from the North, sky is now getting noisy.

Wed Aug 6 20:02:05 GMT 1997 CHIP Gain

Wed Aug 6 20:02:57 GMT 1997 dPMon Flat

Wed Aug 6 20:03:54 GMT 1997 dPMon End Flat  
Wed Aug 6 20:06:33 GMT 1997 CHIP End Gain  
Wed Aug 6 20:06:44 GMT 1997 CHIP Bias  
Wed Aug 6 20:07:26 GMT 1997 CHIP End Bias  
Wed Aug 6 20:07:35 GMT 1997 CHIP Water  
Wed Aug 6 20:08:04 GMT 1997 CHIP End Water

COMMENT: Wed Aug 6 20:26:58 GMT 1997  
Extended the dome slot.

Wed Aug 6 21:02:57 GMT 1997 dPMon Flat  
Wed Aug 6 21:03:03 GMT 1997 CHIP Bias  
Wed Aug 6 21:03:55 GMT 1997 dPMon End Flat  
Wed Aug 6 21:03:54 GMT 1997 CHIP End Bias  
Wed Aug 6 21:04:05 GMT 1997 CHIP Water  
Wed Aug 6 21:04:43 GMT 1997 CHIP End Water

COMMENT: Wed Aug 6 21:20:49 GMT 1997  
Sawdust from mitersaw is starting to blow into the dome due to lack of favorable wind, closing down.

Wed Aug 6 21:22:45 GMT 1997 dPMon End Patrol  
Wed Aug 6 21:25:34 GMT 1997 CHIP CHIP End Patrol  
Wed Aug 6 21:39:26 GMT 1997 CHIP ending tape

COMMENT: Wed Aug 6 21:39:36 GMT 1997

Activity report:  
QP: 49; 90; 136; 314.  
No coronal activity.

TAPES:  
\*\*\*\*\*

MKIII: H01612  
DPMON: P00963  
CHIP: C00381  
LOWL: L00469 in drive #0  
SCAN-LOG

SCAN-LOG 16:48:34. 8/6/97 DOY 218

16:53:55	16:57:10	17:00:24	17:03:39	17:06:54
17:10:11	17:13:27	17:16:43	17:19:57	17:23:14
17:26:29	17:29:46	17:32:59	17:36:14	17:39:26
17:42:39	17:45:51	17:49:04	17:52:16	17:55:30
17:58:42	18:01:56	18:05:08	18:08:21	1816 0 CL
18:23:09	1832 15CL	18:39:55	18:50:54	18:54:06
18:57:23	19:00:37	19:03:52	19:07:03	19:10:16
19:13:30	19:16:48	19:20:00	19:23:13	19:26:25
19:29:37	19:32:49	19:36:01	19:39:12	19:42:24
19:45:35	19:48:47	19:51:59	19:55:12	19:58:23
20:01:35	20:04:45	20:07:57	20:11:08	20:14:20
20:17:30	20:20:42	20:23:55	20:27:07	20:30:18
20:33:31	20:36:42	20:39:54	20:43:05	20:46:17
20:49:29	20:52:41	20:55:52	20:59:05	21:02:17
21:05:29	21:08:40	21:11:52	21:15:04	21:18:16

21:21:29

0 ERRORS

OK