

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

Thu Apr 24 16:51:46 GMT 1997

Year: 97 Doy: 114

Observer: yasukawa

WEATHER COMMENT: Thu Apr 24 16:51:49 GMT 1997

Cool, in thick cirrus overcast, no shadows at this time, light south breeze.

Although yesterday was an emergency blue-dot (staff absence day), solar plots indicate and visuals from lower altitudes indicate that there was a lot of cirrus overcast.

Thu Apr 24 16:56:05 GMT 1997 CHIP Startup--Initializing new tape

COMMENT: Thu Apr 24 16:56:11 GMT 1997

We received the Vigra board on Tuesday. I installed it this morning, replacing the existing one in the MCC. Monitor color table is back to normal.

Thu Apr 24 17:17:37 GMT 1997 CHIP CHIP Start Patrol

Thu Apr 24 17:17:46 GMT 1997 dPMon Start Patrol

WEATHER COMMENT: Thu Apr 24 17:17:04 GMT 1997

Clear hole approaching, starting obs.

COMMENT: Thu Apr 24 17:25:26 GMT 1997

Mouse connector to Vigra board is rather flaky. When seated all the way in, mouse becomes unresponsive. I reseated it lightly and tightened down the hold-down screws just enough to prevent it from falling off. Mouse now working.

WEATHER COMMENT: Thu Apr 24 17:57:42 GMT 1997

Hole may be pau. Back in banded cirrus.

Thu Apr 24 18:02:58 GMT 1997 dPMon Flat

Thu Apr 24 18:03:03 GMT 1997 CHIP Bias

Thu Apr 24 18:03:56 GMT 1997 dPMon End Flat

Thu Apr 24 18:03:52 GMT 1997 CHIP End Bias

Thu Apr 24 18:04:00 GMT 1997 CHIP Water

Thu Apr 24 18:04:35 GMT 1997 CHIP End Water

MKIII COMMENT: Thu Apr 24 18:17:53 GMT 1997

Removed DOY 97112 coronal data from HISTORY. Polarization was too high and will flaw the database. None of the other files on the PEEK work area were without cirrus-caused polarization so I did not replace the image. I added an "N" to the dot calendar indicating that History coronal data was not acquired. Hopefully there will be good data files on tape.

Thu Apr 24 18:22:48 GMT 1997 dPMon End Patrol

WEATHER COMMENT: Thu Apr 24 18:22:05 GMT 1997

In fairly extensive banded cirrus. Stopped MKIII and DPMON.

Will keep CHIP running for a while as data does not look real bad.

Running Video on DPMON to monitor clouds.

Thu Apr 24 19:02:10 GMT 1997 CHIP Bias

Thu Apr 24 19:03:10 GMT 1997 CHIP End Bias

Thu Apr 24 19:03:25 GMT 1997 CHIP Water

Thu Apr 24 19:04:07 GMT 1997 CHIP End Water

Thu Apr 24 19:19:36 GMT 1997 dPMon Start Patrol

WEATHER COMMENT: Thu Apr 24 19:19:31 GMT 1997

Hole, starting MKIII and DPMON.

Thu Apr 24 19:23:45 GMT 1997 dPMon End Patrol

WEATHER COMMENT: Thu Apr 24 19:23:49 GMT 1997

Rats! There is cirrus in the hole.

Thu Apr 24 19:36:49 GMT 1997 dPMon Start Patrol

WEATHER COMMENT: Thu Apr 24 19:36:48 GMT 1997

Clear.

Thu Apr 24 20:00:57 GMT 1997 dPMon Flat

Thu Apr 24 20:01:49 GMT 1997 dPMon End Flat

Thu Apr 24 20:02:00 GMT 1997 CHIP Gain

Thu Apr 24 20:06:12 GMT 1997 CHIP End Gain

Thu Apr 24 20:06:21 GMT 1997 CHIP Bias

Thu Apr 24 20:07:01 GMT 1997 CHIP End Bias

Thu Apr 24 20:07:12 GMT 1997 CHIP Water

Thu Apr 24 20:07:44 GMT 1997 CHIP End Water

Thu Apr 24 20:14:19 GMT 1997 dPMon End Patrol  
COMMENT: Thu Apr 24 20:14:33 GMT 1997  
Stopping to reconfigure dome shutter.  
Thu Apr 24 20:16:49 GMT 1997 CHIP CHIP End Patrol  
Thu Apr 24 20:20:13 GMT 1997 dPMon Start Patrol  
Thu Apr 24 20:20:26 GMT 1997 CHIP CHIP Start Patrol  
WEATHER COMMENT: Thu Apr 24 20:26:30 GMT 1997  
In thin cirrus.  
COMMENT: Thu Apr 24 20:34:38 GMT 1997  
Going down to GONG to do preventive maintenance.  
Thu Apr 24 20:39:07 GMT 1997 dPMon End Patrol  
COMMENT: Thu Apr 24 20:39:39 GMT 1997  
WOW, What timing. I stepped outside to leave the building and the  
contractors were just jockeying around to begin dumping dirt into  
the trenches with the grounding cabling. Wind is coming upslope  
so it would've been a disaster if I was down at GONG when they started.  
Stopping observations and closing the dome.  
Thu Apr 24 20:42:01 GMT 1997 CHIP CHIP End Patrol  
COMMENT: Thu Apr 24 20:42:12 GMT 1997  
NOW going down to GONG.  
COMMENT: Thu Apr 24 21:03:55 GMT 1997  
Back from GONG.  
WEATHER COMMENT: Thu Apr 24 21:04:06 GMT 1997  
In heavy cirrus bands again. Thinking of shutting down. Contractors  
are whipping up lots of dust and diesel exhaust downwind.  
Thu Apr 24 21:15:51 GMT 1997 CHIP ending tape  
LOW-L COMMENT: Thu Apr 24 21:16:03 GMT 1997  
Darryl will be on vacation tomorrow and Saturday so I will change  
tapes now so that we don't lose any data should the drives behave  
funny after the changeover.  
Popping out L00451 from drive 0, moving L00452 from drive 1 to 0,  
loading L00453 in drive 1. Cleaning the drives.  
COMMENT: Thu Apr 24 21:18:49 GMT 1997  
Stopping for the day. Cleaning MKIII, CHIP, and DPMON drives.  
COMMENT: Thu Apr 24 21:19:18 GMT 1997  
Activity report:  
qp: 45; 107; 132-140; 161; 219; 230-235; 247-256; 272; 288;  
No coronal activity

Tapes: MKIII: H01542  
DPMON: P00870  
CHIP: C00288  
LOWL: L00451

SCAN-LOG

SCAN-LOG 17:02:57. 4/24/97 DOY 114

17:27:39	17:30:56	17:34:13	17:37:31	17:40:47
17:44:05	17:47:21	17:50:38	17:53:53	17:57:10
18:00:25	18:03:42	18:06:57	18:10:15	18:13:29
18:16:47	18:20:01	19:20:02	19:23:15	19:39:04
19:42:18	19:45:32	19:48:45	19:52:00	19:55:14
19:58:30	20:01:45	20:05:04	20:08:17	20:11:32
20:21:03	20:24:23	20:27:39	20:30:54	20:34:08
20:37:24				

0 ERRORS

OK