
Mauna Loa Solar Observatory Observer's Log

Sat Mar 1 18:26:24 GMT 1997

Year: 97 Doy: 060

Observer: koon

Sat Mar 1 18:26:33 GMT 1997 CHIP Startup--Initializing new tape

WEATHER COMMENT: Sat Mar 1 18:26:36 GMT 1997

Sky was partly cloudy but is now mostly clear, wind=5 mph from the South, temp=43 F.

COMMENT: Sat Mar 1 18:27:39 GMT 1997

Since it was cloudy when I first arrived this morning I went straight to the GONG shelter to see if I could easily fix the instrument pointing problem that Dan notified us about yesterday. There appears to be a problem with the -15 vdc instrument control power supply. That will take a while to check out properly and since the clouds started clearing I came up to MLSO to get things going. I don't see any serious problems yet and no water leakage. I'll have to restart the Lowl however.

Sat Mar 1 18:38:15 GMT 1997 CHIP CHIP Start Patrol

Sat Mar 1 18:38:21 GMT 1997 dPMon Start Patrol

CHIP COMMENT: Sat Mar 1 18:38:18 GMT 1997

Cooler was off due to power outage, reset cooler power. Currently, plate temp=7.814, filter temp=27.615

COMMENT: Sat Mar 1 18:39:17 GMT 1997

Power to all facilities was out from Thursday morning at around 9 am until around noon yesterday due to a faulty transformer that HELCO fixed. Had to reset the OCP clock also.

LOW-L COMMENT: Sat Mar 1 18:53:22 GMT 1997

Program not running, light feed head pointing straight down. Date and time on display are 2/27/97, 2047 ut. LEDs flashing on drive #0 so I cleaned the drive. Tape L00442 still in drive #0, tape L00443 popped out of drive #1. I removed L00442, moved L00443 to drive #0, installed L00444 in drive #1, and restarted the program.

Sat Mar 1 19:02:55 GMT 1997 dPMon Flat

Sat Mar 1 19:03:09 GMT 1997 CHIP Bias

Sat Mar 1 19:03:50 GMT 1997 dPMon End Flat

Sat Mar 1 19:03:59 GMT 1997 CHIP End Bias

Sat Mar 1 19:04:08 GMT 1997 CHIP Water

Sat Mar 1 19:04:39 GMT 1997 CHIP End Water

WEATHER COMMENT: Sat Mar 1 19:52:40 GMT 1997

Orographic clouds have moved over MLSO.

MKIII COMMENT: Sat Mar 1 19:56:25 GMT 1997

Calibration ruined by clouds, but I'll let it run its course so I'll be ready to take data if the clouds clear away.

Sat Mar 1 20:01:57 GMT 1997 CHIP Gain

Sat Mar 1 20:03:10 GMT 1997 dPMon Flat

Sat Mar 1 20:04:07 GMT 1997 dPMon End Flat

Sat Mar 1 20:06:13 GMT 1997 CHIP End Gain

Sat Mar 1 20:06:23 GMT 1997 CHIP Bias
Sat Mar 1 20:07:07 GMT 1997 CHIP End Bias
Sat Mar 1 20:07:17 GMT 1997 CHIP Water
Sat Mar 1 20:07:48 GMT 1997 CHIP End Water
Sat Mar 1 20:13:23 GMT 1997 dPMon End Patrol
COMMENT: Sat Mar 1 20:13:31 GMT 1997
Stopping observations due to thick clouds and possible fog.
Sat Mar 1 20:14:35 GMT 1997 CHIP CHIP End Patrol
Sat Mar 1 20:27:38 GMT 1997 CHIP ending tape
COMMENT: Sat Mar 1 20:21:11 GMT 1997
The weather keeps getting worse. I'm going to close down then go down to
the GONG shelter to work on the power supply problem down there.

Activity report:

QP: 58; 107; 134; 227; 292; 319.
No coronal activity.

TAPES:

MKIII: H01508

DPMON: P00835

CHIP: C00252

LOWL: L00443 in drive #0

SCAN-LOG

SCAN-LOG 18:42:42. 3/1/97 DOY 60
18:47:54 18:51:04 18:54:17 18:57:27 19:00:38
19:03:49 19:07:00 19:10:11 19:13:23 19:16:33
19:19:45 19:22:56 19:26:08 1935 0 CL 19:38:44
1957 15CL 20:02:34

0 ERRORS

OK