
Mauna Loa Solar Observatory Observer's Log

Sat Jul 27 16:55:50 GMT 1996

Year: 96 Doy: 209

Observer: koon

WEATHER COMMENT: Sat Jul 27 16:55:55 GMT 1996

Scattered cirrus, wind=10 mph from the SW, temp=44 F.

Sat Jul 27 16:56:52 GMT 1996 CHIP Startup--Initializing new tape

Sat Jul 27 17:01:00 GMT 1996 dPMon Start Patrol

Sat Jul 27 17:01:16 GMT 1996 CHIP CHIP Start Patrol

DPMON COMMENT: Sat Jul 27 17:07:57 GMT 1996

The occulting wheel now rotates in the correct direction for all changes, this directions leaves the least play in the wheel when it stops and so the occulting drift due to wheel imbalance should be at a minimum now. Also the disk image vignetting has been greatly reduced since Eric added some tilt to the Daystar filter.

LOW-L COMMENT: Sat Jul 27 17:36:51 GMT 1996

Switched over to drive #1 today as it should have but crashed at 1601 ut with no scans or files written, head was pointed at sun position for 1601.

Removed L00405 from drive #0, moved L00406 from drive #1 to #0, loaded L00407 in drive #1 and reset the computer. Also cleaned drive #0.

Sat Jul 27 17:41:10 GMT 1996 dPMon End Patrol

DPMON COMMENT: Sat Jul 27 17:41:59 GMT 1996

Was getting a kind of double image at the top of the disk image, it wasn't affecting the solar image but was visible just to the North of the limb.

Did a Kill/Run sequence to see if that would help, but it didn't make a difference. I'll see if it eventually goes away.

Sat Jul 27 17:50:06 GMT 1996 dPMon End Patrol

DPMON COMMENT: Sat Jul 27 17:50:58 GMT 1996

The last disk image was a double image and affected the disk itself, so I did Kill/Run again. The next disk image looked like the earlier images

from this morning, still not normal but the disk looked OK.

DPMON COMMENT: Sat Jul 27 18:01:48 GMT 1996

The last disk image looked normal, best I've seen today.

Sat Jul 27 18:02:48 GMT 1996 dPMon End Flat

Sat Jul 27 18:03:28 GMT 1996 CHIP Bias

Sat Jul 27 18:04:46 GMT 1996 CHIP End Bias

Sat Jul 27 18:04:54 GMT 1996 CHIP Water

Sat Jul 27 18:05:36 GMT 1996 CHIP End Water

Sat Jul 27 19:01:58 GMT 1996 dPMon Flat

Sat Jul 27 19:02:54 GMT 1996 dPMon End Flat

Sat Jul 27 19:04:18 GMT 1996 CHIP Bias

Sat Jul 27 19:05:23 GMT 1996 CHIP End Bias

Sat Jul 27 19:05:30 GMT 1996 CHIP Water

Sat Jul 27 19:06:13 GMT 1996 CHIP End Water

Sat Jul 27 20:01:56 GMT 1996 dPMon Flat

Sat Jul 27 20:02:28 GMT 1996 CHIP Gain

Sat Jul 27 20:02:55 GMT 1996 dPMon End Flat
Sat Jul 27 20:07:09 GMT 1996 CHIP End Gain
Sat Jul 27 20:07:17 GMT 1996 CHIP Bias
Sat Jul 27 20:07:58 GMT 1996 CHIP End Bias
Sat Jul 27 20:08:08 GMT 1996 CHIP Water
Sat Jul 27 20:08:35 GMT 1996 CHIP End Water
Sat Jul 27 20:40:59 GMT 1996 dPMon End Patrol
WEATHER COMMENT: Sat Jul 27 20:41:26 GMT 1996
Orographic clouds with light fog blowing over. Paused instruments and closed
the dome.
Sat Jul 27 20:42:01 GMT 1996 CHIP CHIP End Patrol
MKIII COMMENT: Sat Jul 27 20:43:28 GMT 1996
Stalled while trying to write to tape (I think). Rebooted the computer and
loaded a new tape.
Sat Jul 27 21:44:54 GMT 1996 CHIP ending tape
COMMENT: Sat Jul 27 22:55:26 GMT 1996
Activity report:
QP: 50-60; 225; 280; 293.
No coronal activity.

TAPES:

MKIII: H01346
DPMON: P00667
CHIP: C00084
LOWL: L00406 in drive #0

SCAN-LOG

SCAN-LOG 17:01:48. 7/27/96 DOY 209

17:12:18	17:15:34	17:18:52	17:22:08	17:25:26
17:28:43	17:32:01	17:35:17	17:38:38	17:41:53
17:45:08	17:48:22	17:51:37	17:54:51	17:58:06
1805 0 CL	18:08:05	1812 15CL	18:18:00	18:22:01
18:25:16	18:28:37	18:31:51	18:35:05	18:38:18
18:41:32	18:44:45	18:47:59	18:51:12	18:54:26
18:57:39	19:00:53	19:04:06	19:07:20	19:10:33
19:13:48	19:17:01	19:20:16	19:23:29	19:26:43
19:29:56	19:33:10	19:36:23		

0 ERRORS

OK