

Mauna Loa Solar Observatory Observer's Log

Mon Feb 26 17:43:00 GMT 1996

Year: 96 Doy: 057

Observer: koon console Feb 26 17:39

Content-Length: 3938

X-Lines: 113

Status: RO

WEATHER COMMENT: Mon Feb 26 17:43:07 GMT 1996

Sky is mostly clear although clouds are blowing down off the mountain in front of the sun, wind=15 mph from the South, temp=32 F, lots of snow and frost on the ground outside.

Mon Feb 26 18:12:01 GMT 1996: Patrol Start

DPMON COMMENT: Mon Feb 26 18:26:39 GMT 1996

Pausing the Patrol program while I figure out why the bench isn't rotating.

WEATHER COMMENT: Mon Feb 26 18:28:01 GMT 1996

Clouds cleared so I have started observations.

Mon Feb 26 19:05:41 GMT 1996: Patrol Start

DPMON COMMENT: Mon Feb 26 19:05:44 GMT 1996

It appears that the coude bench is rotating correctly under clock drive and manual control but the readout downstairs is incorrect, it stays on about 244.1 no matter what. I am also checking on the vignetting problem so the images may be blocked from time to time.

WEATHER COMMENT: Mon Feb 26 19:10:34 GMT 1996

Orographic clouds are occasionally passing over.

DPMON COMMENT: Mon Feb 26 19:12:29 GMT 1996

Optical runaway, fixing it.

Mon Feb 26 19:14:08 GMT 1996: Patrol End

Mon Feb 26 19:14:20 GMT 1996: Patrol Start

MKIII COMMENT: Mon Feb 26 19:41:52 GMT 1996

Calibration was ruined by orographic clouds, trying again.

DPMON COMMENT: Mon Feb 26 19:42:18 GMT 1996

I can't see any obvious vignetting at the Lyot stop before the Coude bench,

but since the vignetting is more obvious later in the day I'll see what it looks like as the day progresses. It might also be caused by the tilt of the Daystar filter.

DPMON COMMENT: Mon Feb 26 19:46:22 GMT 1996

The Coude bench angle readout downstairs is still incorrect, I get a correct reading if I hookup the spare monitor directly to the encoder upstairs, so it looks like there is a problem with the cable coming downstairs or with the interface or monitor downstairs.

MKIII COMMENT: Mon Feb 26 19:59:28 GMT 1996

Orographic clouds are making it impossible to get a calibration, both of the first two attempts at a calibration are no good. Back to scanning for data.

Mon Feb 26 20:02:59 GMT 1996: Calibration

Mon Feb 26 21:00:01 GMT 1996: Calibration

WEATHER COMMENT: Mon Feb 26 21:08:15 GMT 1996

Thick orographic clouds are slowly coming in from the West.

MKIII COMMENT: Mon Feb 26 21:08:42 GMT 1996

Trying for a calibration.

Mon Feb 26 21:23:02 GMT 1996: Patrol End

WEATHER COMMENT: Mon Feb 26 21:24:10 GMT 1996

Clouds and fog are moving in, stopped observations and closed dome.

MKIII COMMENT: Mon Feb 26 21:24:37 GMT 1996

The last attempt at a cal worked like normal, it was a good cal.

DPMON COMMENT: Mon Feb 26 22:17:43 GMT 1996

I was able to get the correct DDC monitor readout after I pulled out then reseated that drawer on the OCP. I recalibrated the encoder readout to match the ephemeris position, also installed a longer hex bolt on the encoder mount since the previous bolt wasn't grabbing due to partially stripped threads where the bolt screwed in.

WEATHER COMMENT: Mon Feb 26 22:22:10 GMT 1996

Weather isn't clearing, closing down.

COMMENT: Mon Feb 26 22:31:02 GMT 1996
Activity report:
QP: 125; 237; 255; 290.
No coronal activity

TAPES:

MKIII: H01230
DPMON: P00554
LOW-L: L00374 in drive #0

Mon Feb 26 22:34:20 GMT 1996: Filemark

SCAN-LOG

SCAN-LOG 18:14:16. 2/26/96 DOY 57

18:31:36	18:34:50	18:38:06	18:41:21	18:44:36
18:47:51	18:51:08	18:54:23	18:57:40	19:00:56
19:04:13	19:07:30	19:10:47	19:14:03	19:17:21
19:20:37	1925 0 CL	19:30:15	1935 15CL	1945 0 CL
19:48:58	1955 15CL	2000 15CL	2003 15CL	2007 15CL
2010 15CL	2013 15CL	2016 15CL	2020 15CL	2023 15CL
2026 15CL	2030 15CL	2033 15CL	2036 15CL	2040 15CL
2043 15CL	2046 15CL	2049 15CL	2053 15CL	2056 15CL
2059 15CL	2103 0 CL	21:06:49	2111 15CL	21:15:55
21:19:52	21:23:10			

0 ERRORS

OK