

Mauna Loa Solar Observatory Observer's Log

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Mon Feb 21 17:22:31 GMT 1994

Year: 94 Doy: 052

Observer: elmore

Mon Feb 21 17:25:43 GMT 1994

Gorgeous morning for David and Kim. Eric, Howard, and Steve to follow.

Temp 2.0C. Not a cloud to be seen. Breezy as usual.

Will try to get dPMon going. MkIII still hitting the wall.

Mon Feb 21 17:30:50 GMT 1994

Patrol Start

Mon Feb 21 17:34:49 GMT 1994

It looks like the exposure problem is still with us. The disc image is faint and devoid of features. We are still adjusting the "P" angle and occulting. Expect the stem to be in the wrong place and occulting to be off for the first few images.

Prominence on "right" limb has grown. Prominence in top left gone.

Mon Feb 21 18:01:04 GMT 1994

Filemark-Calibration

Mon Feb 21 18:35:29 GMT 1994

Halle filter has been experiencing numerous runaways. These were fixed by cycling dome power.

Observer for the day is EAY.

Cold, clear, light south wind.

MKIII started at 1810 UT. Began LOGS there but will begin logging at SPARCstation from now on.

Mon Feb 21 19:00:40 GMT 1994

Filemark-Calibration

Mon Feb 21 20:00:44 GMT 1994

Filemark-Calibration

Mon Feb 21 20:42:07 GMT 1994

Solar centering alignments at random times. Halle warming up and beginning to show some contrast.

We are about to take it out and replace it with a DayStar filter!

Mon Feb 21 21:00:48 GMT 1994

Filemark-Calibration

Mon Feb 21 21:17:54 GMT 1994

Fooling around in the Halle filter box. Much scattered light now.

Mon Feb 21 21:21:02 GMT 1994

Patrol End

Mon Feb 21 22:07:25 GMT 1994

Sky very noisy. Stopped MKIII. End of tape >>> H00702 <<<

65 files

Tue Feb 22 02:06:46 GMT 1994

Finally gave up getting the filter transmission centered and on band.

Tried DayStar. found that when it was tilted correctly very close to normal, the transmission was uniform across the field. We suspect that the Halle would do the same, but we cannot easily tilt it.

We are now trying to find the line with the DayStar.  
Pau.

Tue Feb 22 02:08:23 GMT 1994

Filemark

SCAN-LOG

SCAN-LOG 18:10:30. 2/21/94 DOY 52

18:19:42	18:22:57	18:26:12	18:29:27	18:32:42
18:35:58	18:39:14	1844 0 CL	18:48:18	1853 15CL
19:01:29	19:04:45	19:08:03	19:11:18	19:14:35
19:17:51	19:21:06	19:24:21	19:27:36	19:30:50
19:34:06	19:37:20	19:40:35	19:43:49	19:47:09
19:50:22	19:53:37	19:56:50	20:00:06	20:03:19
20:06:34	20:09:47	20:13:02	20:16:15	20:19:29
20:22:42	20:25:57	20:29:10	20:32:25	20:35:38
20:38:53	20:42:06	20:45:20	20:48:34	20:51:48
20:55:02	20:58:17	21:01:30	21:04:47	21:08:02
21:11:19	21:14:32	21:17:46	21:20:59	21:24:13
21:27:26	21:30:40	21:33:53	21:37:07	21:40:20
21:43:34	21:46:47	21:50:01	21:53:14	21:56:28

0 ERRORS

OK