

Mauna Loa Solar Observatory Observer's Log

Fri Jun 10 17:17:16 GMT 1994

Year: 94 Doy: 161

Observer: koon

COMMENT: Fri Jun 10 17:18:13 GMT 1994

Still in medium cirrostratus, will wait until it clears before observing.

Wind ~5 mph from the south, temp ~50 F.

LOW-L COMMENT: Fri Jun 10 17:19:42 GMT 1994

Removed L00057 and installed L00058 in drive #0, restarted program.

Fri Jun 10 18:29:11 GMT 1994: Patrol Start

COMMENT: Fri Jun 10 18:29:16 GMT 1994

Wind has shifted and is now ~5 mph from the north, cirrostratus has thinned enough to start taking data, it is blowing over from the west.

DPMON COMMENT: Fri Jun 10 18:32:13 GMT 1994

Current exposure times for the limb and disk are set to 120 ms. O2B focus is at 3.54 mm to get some initial disk images, I will change this later to get better limb images. Using 0.8" Lyot stop w/ hr filter.

DPMON COMMENT: Fri Jun 10 18:35:48 GMT 1994

Daystar filter was moving in and out of light path, I will reset Plessey and manually reset the filter position.

End

Fri Jun 10 18:38:03 GMT 1994: Patrol Start

DPMON COMMENT: Fri Jun 10 18:48:34 GMT 1994

I have changed the O2B mike to 4.7 mm for better limb focus.

DPMON COMMENT: Fri Jun 10 18:53:47 GMT 1994

Nice prominence coming around the east limb. The occulting disk is too big so I will pause Patrol and install the best disk.

Fri Jun 10 19:10:49 GMT 1994: Patrol Start

DPMON COMMENT: Fri Jun 10 19:11:02 GMT 1994

Changed to a 1931 arcsecond diameter occulting disk, restarted Patrol.

DPMON COMMENT: Fri Jun 10 19:26:35 GMT 1994
Thin cirrus preventing me from doing limb focus testing, maybe later.

MKIII COMMENT: Fri Jun 10 19:27:26 GMT 1994
Thin cirrus preventing me from getting any calibrations.

MKIII COMMENT: Fri Jun 10 19:48:48 GMT 1994
In clear sky now, taking 0 chan calibration.

Fri Jun 10 20:02:14 GMT 1994: Filemark-Calibration

COMMENT: Fri Jun 10 20:18:14 GMT 1994
Extended the dome slot.

DPMON COMMENT: Fri Jun 10 20:19:04 GMT 1994
Will pause the Patrol to do some manual limb image focus testing.

Fri Jun 10 20:20:15 GMT 1994: Patrol End

DPMON COMMENT: Fri Jun 10 20:23:21 GMT 1994
Program crashed and I lost the Focus and Display windows, core was dumped to my directory and /opt got 100% filled. Will delete core file and logout/login to see if this will correct problem.

DPMON COMMENT: Fri Jun 10 20:41:25 GMT 1994
Had to reboot, couldn't logout. Did an "End Day" and loaded a new tape (P00078) before rebooting.

DPMON COMMENT: Fri Jun 10 20:51:20 GMT 1994
Crashed with the "Camera:Busy" message, rebooting.

DPMON COMMENT: Fri Jun 10 22:04:20 GMT 1994
The Weather cooperated and I was able to get all the focus test images. Saved images of the limb w/ O2B at 4.7, 4.8, 4.9, 5.0, and 5.1 mm. Also saved an image of the disk w/o the hr filter and w/ 0.7" paper Lyot stop and exposure at 50 ms., and saved a disk image w/ hr filter, 0.7" paper Lyot stop and exposure of 140 ms for comparison. The image w/o the hr filter is sharper if you look at the active region w/ the two small sunspots (in the northeast). Will stop observing for today now.

MKIII COMMENT: Fri Jun 10 22:09:21 GMT 1994
Doing dark scan now.

COMMENT: Fri Jun 10 22:13:35 GMT 1994

Activity report:

QP: 70-95; 305.

No coronal activity.

TAPES:

MKIII: H00772

DPMON: P00077

LOW-L: L00057 removed in morning, L00058 installed and running.

SAN-LOG SAN-LOG ?

SCAN-LOG

SCAN-LOG 17:13:19. 6/10/94 DOY 161

18:34:52	18:38:04	18:41:15	18:44:27	18:47:38
18:50:49	18:54:00	18:57:12	19:00:23	19:03:36
19:06:47	19:09:59	19:13:10	1917 0 CL	19:26:07
19:29:18	19:32:29	19:35:41	1943 0 CL	19:48:44
1952 15CL	20:00:53	20:04:03	20:07:15	20:10:25
20:13:36	20:16:47	20:19:58	20:23:08	20:26:19
20:29:31	20:32:49	20:36:02	20:39:19	20:42:29
20:45:46	20:48:56	20:52:07	20:55:17	20:58:29
21:01:41	21:04:57	21:08:06	21:11:17	21:14:27
21:17:37	21:20:47	21:23:58	21:27:07	21:30:18
21:33:27	21:36:37	21:39:47	21:42:58	21:46:07
21:49:23	21:52:32	21:55:43	21:58:52	22:02:03
22:09:54				

0 ERRORS

OK