

Mauna Loa Solar Observatory Observer's Log

---

Mon Mar 28 17:47:28 GMT 1994

Year: 94 Doy: 087

Observer: koon

COMMENT: Mon Mar 28 17:47:42 GMT 1994

Clear sky, light southwesterly wind, temp=50 F.

Mon Mar 28 17:49:58 GMT 1994: Patrol Start

Mon Mar 28 18:02:20 GMT 1994: Filemark-Calibration

Mon Mar 28 19:02:15 GMT 1994: Filemark-Calibration

Mon Mar 28 19:44:46 GMT 1994: Patrol End

Mon Mar 28 19:45:12 GMT 1994: Patrol Start

DPMON COMMENT: Mon Mar 28 19:47:20 GMT 1994

4-station wheel was running away, rebooted plessey to fix.

Also, trying a quick test of the smaller aperture lyot stop (1/2 diameter).

Mon Mar 28 19:49:15 GMT 1994: Patrol End

Mon Mar 28 19:56:49 GMT 1994: Patrol Start

Mon Mar 28 20:00:15 GMT 1994: Filemark-Calibration

DPMON COMMENT: Mon Mar 28 20:02:36 GMT 1994

The 4-station wheel was stuck with only half the light getting through after I rebooted the plessey. The calibration routine (which moves the 4-station wheel) cleared up the problem. Will pause again for a quick aperture test.

Mon Mar 28 20:05:02 GMT 1994: Patrol End

MKIII COMMENT: Mon Mar 28 20:05:28 GMT 1994

Noticed 2 dark steaks radially outward from the limb in the west on the last difference image.

DPMON COMMENT: Mon Mar 28 20:21:23 GMT 1994

NOTE: The half-diameter luot stopp is in place (~0.7"), I will increase the exposure from 27/100 to 80/100 and run the Patrol program for 15 minutes.

With this stop in place there is no refraction ring around the sun anymore. Excuse my typing, luot stopp = lyot stop.

Mon Mar 28 20:26:32 GMT 1994: Patrol Start

DPMON COMMENT: Mon Mar 28 20:38:42 GMT 1994

Trying images with exposure set back to 27 for a while.

DPMON COMMENT: Mon Mar 28 20:42:42 GMT 1994

Set exposure back to 80.

DPMON COMMENT: Mon Mar 28 20:52:07 GMT 1994  
Stopping Patrol to remove small lyot stop and extend dome slot.

Mon Mar 28 20:53:07 GMT 1994: Patrol End  
Mon Mar 28 20:56:44 GMT 1994: Patrol Start

DPMON COMMENT: Mon Mar 28 20:58:04 GMT 1994  
Back to original Lyot stop and exposure time (27/100 sec.).

Mon Mar 28 21:00:05 GMT 1994: Filemark-Calibration  
Mon Mar 28 21:42:15 GMT 1994: Patrol End

COMMENT: Mon Mar 28 21:43:19 GMT 1994  
Activity report:  
QP: 53; 115; 245; 250-265; 292.  
No coronal activity.

TAPES:  
MKIII: H00725  
DPMON: P00025  
LOW-L: L00016

Mon Mar 28 21:45:39 GMT 1994: Filemark  
SCAN-LOG

SCAN-LOG 17:45:12. 3/28/94 DOY 87

17:51:22	17:54:38	17:57:56	18:01:09	18:04:23
18:07:35	18:10:49	18:14:01	18:17:14	18:20:25
18:23:37	1830 0 CL	18:33:33	1837 15CL	18:46:59
18:50:13	18:53:31	18:56:44	18:59:57	19:03:09
19:06:23	19:09:36	19:12:51	19:16:03	19:19:17
19:22:29	19:25:42	19:28:54	19:32:07	19:35:21
19:38:41	19:41:53	19:45:06	19:48:18	19:51:36
19:54:46	19:57:58	20:01:10	20:04:23	20:07:36
20:10:52	20:14:03	20:17:15	20:20:26	20:23:38
20:26:49	20:30:02	20:33:13	20:36:25	20:39:36
20:42:48	20:46:01	20:49:13	20:52:23	20:55:35
20:58:46	21:02:00	21:05:10	21:08:22	21:11:32
21:14:43	21:17:53	21:21:05	21:24:17	21:27:35
21:30:46	21:34:02	21:37:13	21:40:24	

0 ERRORS

OK