

Mauna Loa Solar Observatory Observer's Log

Thu Apr 21 17:19:09 GMT 1994

Year: 94 Doy: 111

Observer: koon

COMMENT: Thu Apr 21 17:19:16 GMT 1994

Clear sky, wind ~20 mph from the southeast, temp.=52 F.

Thu Apr 21 17:23:14 GMT 1994: Patrol Start

Thu Apr 21 18:00:15 GMT 1994: Filemark-Calibration

Thu Apr 21 18:49:47 GMT 1994: Filemark

COMMENT: Thu Apr 21 19:03:12 GMT 1994

Accidentally crashed the program by doing an rlogin akala from the xterm window. Restarted everything and inserted a new tape P00046.

Thu Apr 21 19:04:36 GMT 1994: Patrol Start

Thu Apr 21 20:02:17 GMT 1994: Filemark-Calibration

COMMENT: Thu Apr 21 20:24:09 GMT 1994

Extended dome slot.

Thu Apr 21 21:02:18 GMT 1994: Filemark-Calibration

DPMON COMMENT: Thu Apr 21 21:03:54 GMT 1994

Installed heat filter glass #940, ring is much more evident.

DPMON COMMENT: Thu Apr 21 21:09:18 GMT 1994

Installed square clear glass filter (marked KG2 on envelope), ring still evident.

DPMON COMMENT: Thu Apr 21 21:14:08 GMT 1994

Installed small yellow filter (KG2A) with .8" lyot stop, slight ring close to limb is visible, need larger exposure.

Thu Apr 21 21:17:19 GMT 1994: Patrol End

Thu Apr 21 21:20:11 GMT 1994: Patrol Start

DPMON COMMENT: Thu Apr 21 21:20:12 GMT 1994

Tried manually setting the exposure to 100 and that improved the brightness of the prominences, however the corona is getting washed out and we lose detail at the limb. Also there is a ring right at the limb. Taking some data now with the higher exposure. It looks as though the best filter is the blue one (#4063), I will replace that one and set the exposure back to 50.

DPMON COMMENT: Thu Apr 21 21:27:58 GMT 1994
Blue filter is now back in place and exposure is set to 50.

COMMENT: Thu Apr 21 21:32:35 GMT 1994
Wind is bouncing spar around.

COMMENT: Thu Apr 21 21:59:43 GMT 1994
Spar lost tracking, closing down.
mark-Calibration

Thu Apr 21 22:01:02 GMT 1994: Patrol End

MKIII COMMENT: Thu Apr 21 22:16:37 GMT 1994
Did a dark scan as last scan on tape.

COMMENT: Thu Apr 21 22:38:09 GMT 1994
Activity report:
QL: 43; 63; 112; 230; 280.
No coronal activity.

TAPES:
MKIII: H00744
DPMON: P00045 and P00046
LOW-L: L00028 in drive #1

Thu Apr 21 22:40:56 GMT 1994: Filemark
SCAN-LOG

SCAN-LOG 17:25:20. 4/21/94 DOY 111

17:31:26	17:34:38	17:37:50	17:41:01	17:44:15
17:47:26	17:50:39	17:53:51	17:57:04	18:00:15
18:03:27	18:06:37	18:09:49	18:12:59	18:16:11
18:19:21	18:22:33	18:25:43	18:28:54	18:32:04
1838 0 CL	18:52:47	1857 15CL	19:21:17	19:24:24
19:27:39	19:30:48	19:34:01	19:37:10	19:40:18
19:43:25	19:46:36	19:49:42	19:52:50	19:55:57
19:59:05	20:02:11	20:05:19	20:08:25	20:11:33
20:14:39	20:17:47	20:20:54	20:24:01	20:27:08
20:30:16	20:33:23	20:36:31	20:39:40	20:42:54
20:46:01	20:49:09	20:52:15	20:55:23	20:58:30
21:01:38	21:04:45	21:07:53	21:11:01	21:14:15
21:17:22	21:20:30	21:23:38	21:26:46	21:29:53
21:33:02	21:36:10	21:39:19	21:42:26	21:45:35
21:48:43	21:51:51	21:54:58	21:58:06	22:05:23

0 ERRORS
OK