

Mauna Loa Solar Observatory Observer's Log

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Sat Mar 26 17:44:58 GMT 1994

Year: 94 Doy: 085

Observer: koon

COMMENT: Sat Mar 26 17:46:47 GMT 1994

Clear sky, temp= 42 F., light wind from the southwest.

Sat Mar 26 17:47:34 GMT 1994: Patrol Start

Sat Mar 26 18:00:19 GMT 1994: Filemark-Calibration

MKIII COMMENT: Sat Mar 26 18:32:27 GMT 1994

Puasing the Mark III to clean the O1 lens.

Sat Mar 26 19:00:13 GMT 1994: Filemark-Calibration

MKIII COMMENT: Sat Mar 26 19:11:52 GMT 1994

Judging from the "loaf of bread" it looks like I made the O1 worse, will try again.

Sat Mar 26 20:00:23 GMT 1994: Filemark-Calibration

MKIII COMMENT: Sat Mar 26 20:02:42 GMT 1994

It turns out that the O1 was actually very dirty, very hard to remove all the residue but should be much better now. We'll probably have to come up with a better lens cleaning system, best to use a good lab glassware soap (like Liquinox) and water and non-woven cloth pads and nitrogen to dry off the lens and avoid water spots. That would be much faster, cleaner and safer to the lens.

DPMON COMMENT: Sat Mar 26 20:13:03 GMT 1994

The disk looks featureless and the Daystar filter wasn't warm this morning. I unplugged the filter to see if the disk image would change and it wouldn't. We have a problem with the filter heater system. I will remove the filter and take down to Hilo office. We'll call Daystar to see what can be done.

Sat Mar 26 21:00:15 GMT 1994: Filemark-Calibration

COMMENT: Sat Mar 26 21:01:46 GMT 1994

Temporarily blocked instrument while opening dome slot extension.

DPMON COMMENT: Sat Mar 26 21:15:22 GMT 1994

Removed Daystar filter, taped over its aperture, set disk exposure = 1.

COMMENT: Sat Mar 26 21:45:32 GMT 1994  
Activity report:  
QP: 45; 230; 312.  
No coronal activity.

TAPES:  
MKIII: H00723  
DPMON: P00023  
LOW-L: L00014, removed L00013 and installed L00015.

Sat Mar 26 21:47:35 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 17:44:15. 3/26/94 DOY 85

|          |           |           |          |           |
|----------|-----------|-----------|----------|-----------|
| 17:50:07 | 17:53:22  | 17:56:41  | 17:59:56 | 18:03:10  |
| 18:06:23 | 18:09:37  | 18:12:49  | 18:16:02 | 18:19:14  |
| 18:22:26 | 18:25:38  | 18:28:52  | 18:51:36 | 18:54:49  |
| 18:58:01 | 19:01:14  | 2006 0 CL | 20:09:10 | 2013 0 CL |
| 20:16:24 | 2021 15CL | 2035 0 CL | 20:38:32 | 2042 15CL |
| 20:50:40 | 20:53:53  | 20:57:07  | 21:00:19 | 21:03:32  |
| 21:06:44 | 21:09:56  | 21:13:08  | 21:16:21 | 21:19:34  |
| 21:22:49 | 21:26:02  | 21:29:15  | 21:32:27 | 21:35:40  |
| 21:38:52 | 21:42:10  |           |          |           |

0 ERRORS

OK