

Mauna Loa Solar Observatory Observer's Log

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Thu May 5 16:49:22 GMT 1994  
Year: 94 Doy: 125  
Observer: yasukawa

COMMENT: Thu May 5 16:49:33 GMT 1994  
Cool, clear, brisk southeast wind. Temp = 46 F.

Thu May 5 16:56:05 GMT 1994: Patrol Start

DPMON COMMENT: Thu May 5 16:56:28 GMT 1994  
Daystar filter back from repair. Will run a bit without it  
until all systems are running, then will shut down DPMON to  
reinstall it.

COMMENT: Thu May 5 16:57:55 GMT 1994  
Low-L running this morning. Rewound video tape and removed camera  
for the observation period. Will set it back up at the end of  
the observing day.  
Low-L taking data on L00037 in tape unit 1.

Thu May 5 17:00:11 GMT 1994: Filemark-Calibration

MKIII COMMENT: Thu May 5 17:36:45 GMT 1994  
SStopping to reinstall Daystar filter.

Thu May 5 17:38:02 GMT 1994: Patrol End

DPMON COMMENT: Thu May 5 18:24:41 GMT 1994  
Daystar filter installed, ProgramDefs modified to change Disc  
exposure from 1 to 100.

Thu May 5 18:26:36 GMT 1994: Patrol Start

DPMON COMMENT: Thu May 5 18:26:52 GMT 1994  
Daystar temperature set at 5.00

COMMENT: Thu May 5 18:43:18 GMT 1994  
Guider was oscillating. Cycled power and reset dec. to stop oscillations.

Thu May 5 19:00:25 GMT 1994: Filemark-Calibration  
Thu May 5 19:14:02 GMT 1994: Patrol End

DPMON COMMENT: Thu May 5 19:24:58 GMT 1994  
Checked Daystar and it was warm. I guess the heater is working OK.

Exposure still heavy after a while of running, lowered it from 100 to 50 (where orange pixels go away). Will run at that exposure for disc images only.

COMMENT: Thu May 5 19:27:37 GMT 1994  
Opening top of dome before starting patrol.  
MKIII continues.

Thu May 5 19:32:32 GMT 1994: Patrol Start  
Thu May 5 20:00:19 GMT 1994: Filemark-Calibration  
Thu May 5 20:45:24 GMT 1994: Patrol End

DPMON COMMENT: Thu May 5 20:45:35 GMT 1994  
Stopping to run a few tests without the blue filter in place.

Thu May 5 21:03:57 GMT 1994: Patrol End  
Thu May 5 21:06:23 GMT 1994: Patrol Start

MKIII COMMENT: Thu May 5 21:06:35 GMT 1994  
Tried to see if contrast was being affected by the blue filter on the disc images. Exposure needed to be reduced to 20-25. No tape taken. Contrast did not change. There is not much on the disc to compare with in the first place--either that, or the filter is not at Halpha as it should be when set at 5.00. We'll have to go through the temperature tests again, maybe, when there are more features on the disc. Blue filter put back in the same orientation, and exposure used is 50 as is set in the ProgramDefs file.

COMMENT: Thu May 5 21:21:28 GMT 1994  
Guider declination hit a limit and reset itself. Repointed and reset guider.

COMMENT: Thu May 5 21:52:01 GMT 1994  
Guiding went bonkers again. repointed and reset.

COMMENT: Thu May 5 21:56:33 GMT 1994  
Wind is buffeting spar around.

Thu May 5 22:01:24 GMT 1994: Filemark-Calibration

MKIII COMMENT: Thu May 5 22:03:29 GMT 1994  
Doing a dark scan.

Thu May 5 22:06:06 GMT 1994: Patrol End

COMMENT: Thu May 5 22:07:37 GMT 1994

Activity report:

qp: 40; 124; 222; 228; 315;

No coronal activity

Tapes: MKIII: H00757  
DPMON: P00058  
LOW-L: L00037 in unit 1

Setting up Cohu and VCR to capture LOW-L screen and line voltage monitor between 2300 UT and 0100 UT. (1-3 PM).

Thu May 5 22:12:40 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:55:49. 5/5/94 DOY 125

17:03:27	17:06:39	17:09:50	17:13:01	17:16:12
17:19:22	17:22:35	17:25:45	17:28:57	17:32:08
17:35:20	17:38:32	17:41:44	17:44:56	17:48:08
17:51:19	17:54:31	17:57:42	18:00:53	18:04:03
18:07:14	18:10:24	18:13:35	18:16:44	18:19:55
18:23:05	18:26:16	18:29:26	18:32:36	18:35:45
1839 0 CL	18:43:11	1847 15CL	18:55:21	18:58:30
19:01:43	19:04:53	19:08:04	19:11:12	19:14:24
19:17:32	19:20:41	19:23:49	19:26:57	19:30:04
19:33:15	19:36:22	19:39:31	19:42:38	19:45:45
19:48:51	19:51:58	19:55:03	19:58:10	20:01:16
20:04:23	20:07:28	20:10:35	20:13:41	20:16:48
20:19:54	20:23:02	20:26:09	20:29:16	20:32:24
20:35:31	20:38:38	20:41:45	20:44:52	20:47:59
20:51:06	20:54:14	20:57:20	21:00:28	21:03:34
21:06:42	21:09:49	21:12:58	21:16:05	21:19:17
21:22:26	21:25:34	21:28:40	21:31:48	21:34:55
21:38:03	21:41:10	21:44:21	21:47:28	21:50:36
21:53:43	21:56:56	22:00:03	22:03:57	

0 ERRORS

OK