

Mauna Loa Solar Observatory Observer's Log

Fri May 6 16:46:34 GMT 1994
Year: 94 Doy: 126
Observer: yasukawa

COMMENT: Fri May 6 16:46:42 GMT 1994
Cool, clear, light south breeze. Temp = 46 F.
Low-L running this morning, cranking data onto L00037 in unit 1
still. Rewound video tape for tonight's "hunting" expedition.

Fri May 6 16:52:35 GMT 1994: Patrol Start
Fri May 6 17:02:19 GMT 1994: Filemark-Calibration

MKIII COMMENT: Fri May 6 17:05:17 GMT 1994
Loaf of bread display high this morning. Lots of haze in saddle
apparently to altitudes higher than Mauna Kea summit, sky a dirty
white near sun.

DPMON COMMENT: Fri May 6 17:08:09 GMT 1994
Daystar filter feels warm to the touch, probably working OK.
Disc looks barren, but may try running thru a temperature range
of 1.0 to 8.0 to see if contrast improves at other than 5.00 temp.
setting.

DPMON COMMENT: Fri May 6 17:12:13 GMT 1994
Daystar set to 1.0

DPMON COMMENT: Fri May 6 17:56:03 GMT 1994
Daystar temp set at 2.0

MKIII COMMENT: Fri May 6 17:57:55 GMT 1994
Calibrating channel 1

Fri May 6 18:02:28 GMT 1994: Filemark-Calibration

DPMON COMMENT: Fri May 6 18:36:16 GMT 1994
Set Daystar temp to 3.0

Fri May 6 19:02:25 GMT 1994: Filemark-Calibration

DPMON COMMENT: Fri May 6 19:09:34 GMT 1994
Set Daystar temp to 4.0

COMMENT: Fri May 6 19:14:13 GMT 1994
WWVH check, Low-L clock right on.

Fri May 6 19:37:03 GMT 1994: Patrol End

COMMENT: Fri May 6 19:42:48 GMT 1994
Reconfigured dome slot. Brushed front surface of MKIII O1.
MKIII kept scanning.

DPMON COMMENT: Fri May 6 19:43:53 GMT 1994
Set Daystar temp. to 5.0

Fri May 6 19:44:17 GMT 1994: Patrol Start
Fri May 6 20:00:25 GMT 1994: Filemark-Calibration

DPMON COMMENT: Fri May 6 20:16:54 GMT 1994
Set Daystar temp to 6.0

MKIII COMMENT: Fri May 6 20:22:09 GMT 1994
sky very noisy.

COMMENT: Fri May 6 20:27:10 GMT 1994
Guider declination reset itself. Repointed.

Fri May 6 21:00:27 GMT 1994: Filemark-Calibration

DPMON COMMENT: Fri May 6 21:02:43 GMT 1994
Set Daystar temp to 7.0

Fri May 6 21:05:01 GMT 1994: Patrol End
Fri May 6 21:09:25 GMT 1994: Patrol Start

DPMON COMMENT: Fri May 6 21:09:37 GMT 1994
Tried varying exposure in limb mode to see if we could converge on
the same exposure for limb and disk mode. Using 50 for limb darkens
the background and causes some of the fainter small prominences to
get very faint. Brighter prominences do not suffer as much.

DPMON COMMENT: Fri May 6 21:29:43 GMT 1994
Daystar teemp set at 8.0

DPMON COMMENT: Fri May 6 21:41:32 GMT 1994
Doing some manual exposure variation for a while.

Fri May 6 21:46:56 GMT 1994: Patrol Start

DPMON COMMENT: Fri May 6 21:52:11 GMT 1994
Daystar temp set back to 5.0

i May 6 22:02:20 GMT 1994: Filemark-Calibration
Fri May 6 22:10:03 GMT 1994: Patrol End

DPMON COMMENT: Fri May 6 22:19:39 GMT 1994
Captured limb and disc images for David Elmore with limb exposure
at 50, # summed: 4, and disc image at temp = 5.0, exposure = 50,
and # summed = 4.

COMMENT: Fri May 6 22:21:37 GMT 1994
Activity report:
qp: 40; 54; 133; 220; 282; 315;
No coronal activity

Tapes: MKIII: H00758
DPMON: P00059
LOW-L: L00037 in unit 1

DPMON COMMENT: Fri May 6 22:23:45 GMT 1994
Daystar temperature test summary: 5.0 looks best.
Will need to wait for a day with more structure on disc to
determine any further improvement.

Fri May 6 22:25:21 GMT 1994: Filemark
SCAN-LOG

SCAN-LOG 16:54:11. 5/6/94 DOY 126

17:02:24	17:05:34	17:08:47	17:11:57	17:15:09
17:18:21	17:21:33	17:24:43	17:27:54	17:31:04
17:34:15	17:37:24	17:40:35	17:43:44	17:46:55
17:50:05	17:53:15	17:56:24	1800 0 CL	18:03:24
1807 15CL	18:12:08	1816 0 CL	18:19:02	1823 15CL
18:31:16	18:34:24	18:37:38	18:40:45	18:43:55
18:47:02	18:50:13	18:53:20	18:56:29	18:59:36
19:02:49	19:05:56	19:09:05	19:12:12	19:15:20
19:18:27	19:21:35	19:24:42	19:27:50	19:30:56
19:34:08	19:37:14	19:40:20	19:43:26	19:46:33
19:49:38	19:52:45	19:55:51	19:58:58	20:02:04

20:05:11	20:08:18	20:11:25	20:14:31	20:17:38
20:20:44	20:23:55	20:27:02	20:30:09	20:33:15
20:36:22	20:39:29	20:42:36	20:45:42	20:48:49
20:51:55	20:55:02	20:58:08	21:01:15	21:04:22
21:07:31	21:10:37	21:13:44	21:16:50	21:19:57
21:23:03	21:26:10	21:29:17	21:32:24	21:35:30
21:38:38	21:41:46	21:45:00	21:48:07	21:51:20
21:54:27	21:57:34	22:00:41		

0 ERRORS

OK