

Mauna Loa Solar Observatory Observer's Log

Wed Mar 9 17:33:42 GMT 1994
Year: 94 Doy: 068
Observer: yasukawa

COMMENT: Wed Mar 9 17:34:32 GMT 1994
Clear, cool-- 9.8 degrees C., brisk southeasst wind.

DPMON COMMENT: Wed Mar 9 17:36:05 GMT 1994
Daystar temp left at 8.3 yesterday. Will start there for now.

Wed Mar 9 17:37:45 GMT 1994: Patrol Start

MKIII COMMENT: Wed Mar 9 17:38:51 GMT 1994
Replaced torn up vinyl hose between O1 box and filter box with
new aluminun ducting.

Wed Mar 9 18:02:12 GMT 1994: Filemark-Calibration
Wed Mar 9 19:02:22 GMT 1994: Filemark-Calibration

COMMENT: Wed Mar 9 19:06:00 GMT 1994
Hardy Tsutsumi of DEC will be arriving shortly to repair RL02 unit 1,
which doesn't load. Will possibly shut-down MKIII while work'
is being done.

DPMON COMMENT: Wed Mar 9 19:08:47 GMT 1994
Stopping dpmon to reset Daystar temp to 8.7, which looked good
the other day to compare with 8.3.

Wed Mar 9 19:10:04 GMT 1994: Patrol End
Wed Mar 9 19:12:09 GMT 1994: Patrol Start
Wed Mar 9 20:01:16 GMT 1994: Filemark-Calibration
Wed Mar 9 20:09:04 GMT 1994: Patrol End

DPMON COMMENT: Wed Mar 9 20:17:12 GMT 1994
Changed ProgramDefs back to disc exposure of 27. Will set Daystar'
temp from 8.7 to 5.0 and sequence thru that temperature range
to look for best contrast.

Wed Mar 9 20:22:21 GMT 1994: Patrol Start

DPMON COMMENT: Wed Mar 9 20:30:01 GMT 1994
Contrast looks much better at Daystar temp set at 5.0

Wed Mar 9 20:46:00 GMT 1994: Patrol End

DPMON COMMENT: Wed Mar 9 20:48:11 GMT 1994
Increasing Daystar temp from 5.0 to 5.1

Wed Mar 9 20:49:01 GMT 1994: Patrol Start

MKIII COMMENT: Wed Mar 9 20:58:39 GMT 1994
Touching up occulter stem position by rotating bench.

Wed Mar 9 21:02:24 GMT 1994: Filemark-Calibration

DPMON COMMENT: Wed Mar 9 21:09:45 GMT 1994
Bench was about +2 degrees off. Stem looks better situated now.

MKIII COMMENT: Wed Mar 9 21:10:55 GMT 1994
RL02 repair was done off-line. Did not have to stop MKIII.
Load switch on front panel had worn out. It was replaced.
Interlock switch for cover was also adjusted, that was a bbit
flaky too.

MKIII COMMENT: Wed Mar 9 21:54:19 GMT 1994
Tried pulling out south O1 guider photocell, (the micarta part
only, not the lens assembly) to see if I could get rid of the
N/S intensity gradient. Used 15 MAGNIFY, ILOOK for diagnostic.
I didn't see any change. Reset to 80 MAGNIFY, QLOOK.
Will try moving entire assembly next time.

DPMON COMMENT: Wed Mar 9 21:58:17 GMT 1994
No appreciable difference between Daystar temp of 5.0 and 5.1
Will leave temp set at 5.1. Test to continue tomorrow.

Wed Mar 9 22:02:11 GMT 1994: Filemark-Calibration

Wed Mar 9 22:04:08 GMT 1994: Patrol End

COMMENT: Wed Mar 9 22:04:41 GMT 1994

Ending day's observation.

Activity Report:

QP: 90; 222-228; 265-275;

No coronal activity

Tapes: MKIII: H00717
DPMON: P00017
LOW-L: L00009

Wed Mar 9 22:07:08 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 17:33:33. 3/9/94 DOY 68

17:42:44	17:45:58	17:49:09	17:52:21	17:55:33
17:58:46	18:01:57	18:05:11	18:08:23	18:11:37
18:14:49	18:18:04	18:21:18	18:24:30	18:27:41
1833 0 CL	18:38:50	1845 15CL	18:53:59	18:57:10
19:00:21	19:03:33	19:06:45	19:09:55	19:13:07
19:16:17	19:19:28	19:22:38	19:25:50	19:29:00
19:32:11	19:35:20	19:38:31	19:41:41	19:44:52
19:48:01	19:51:17	19:54:26	19:57:35	20:00:43
20:03:53	20:07:02	20:10:11	20:13:19	20:16:28
20:19:36	20:22:45	20:25:53	20:29:02	20:32:09
20:35:17	20:38:24	20:41:32	20:44:41	20:47:56
20:51:04	20:54:17	20:57:25	21:00:34	21:03:41
21:06:49	21:09:56	21:13:05	21:16:12	21:19:20
21:22:27	21:25:36	21:28:43	21:31:51	21:34:59
21:38:09	21:41:18	21:44:33	21:47:40	21:50:50
21:53:57	21:57:06	22:00:14		

0 ERRORS

OK