

Mauna Loa Solar Observatory Observer's Log

Fri Sep 9 16:40:01 GMT 1994
Year: 94 Doy: 252
Observer: yasukawa

WEATHER COMMENT: Fri Sep 9 16:40:23 GMT 1994
Cool, Clear at the moment, extensive altocumulus deck just above sun
extends to west horizon. Light south breeze. Temp = 46F.

Fri Sep 9 16:49:37 GMT 1994: Patrol Start

MKIII COMMENT: Fri Sep 9 16:49:44 GMT 1994
Wiped front surface of O1 with optical wipe (dry), and brushed it off.
Looks much better-no streaks.

Fri Sep 9 17:02:01 GMT 1994: Calibration

LOW-L COMMENT: Fri Sep 9 17:05:12 GMT 1994
L00103 was complete and popped out. Removed it and loaded L00105
into unit 0.

WEATHER COMMENT: Fri Sep 9 17:09:03 GMT 1994
In altocumulus deck.

COMMENT: Fri Sep 9 17:09:49 GMT 1994
Dusted off front filters of sky tx telescope and spar guider.

COMMENT: Fri Sep 9 17:10:34 GMT 1994
Stopped MKIII and DPMON while awaiting altocumulus burn-off.

COMMENT: Fri Sep 9 18:40:12 GMT 1994
Altocumulus starting to break up. Reconfigured dome slot even though
MKIII is now partially domed out yet by the bottom shutter segment.
Brushed front surface of MKIII O1.

Fri Sep 9 18:46:44 GMT 1994: Patrol Start

COMMENT: Fri Sep 9 18:50:21 GMT 1994
MKIII and DPMON observations resuming. Still in broken altocumulus.

Fri Sep 9 19:02:00 GMT 1994: Calibration

WEATHER COMMENT: Fri Sep 9 19:19:42 GMT 1994

Altostratus now only scattered. May start getting complete coronal scans.

WEATHER COMMENT: Fri Sep 9 19:30:19 GMT 1994
Altostratus forming overhead.

WEATHER COMMENT: Fri Sep 9 19:43:05 GMT 1994
Clear.

Fri Sep 9 20:02:02 GMT 1994: Calibration

MKIII COMMENT: Fri Sep 9 20:07:24 GMT 1994
Finished calibrating channel 1. Skipping dark scan this time until channel 0 calibration.

MKIII COMMENT: Fri Sep 9 20:10:34 GMT 1994
Calibrating channel 0

DPMON COMMENT: Fri Sep 9 20:19:57 GMT 1994
Reconfigured to disc preferred mode.

WEATHER COMMENT: Fri Sep 9 20:28:50 GMT 1994
Sky getting bright and it has been quite noisy.

WEATHER COMMENT: Fri Sep 9 20:41:10 GMT 1994
cirrostratus forming overhead.

DPMON COMMENT: Fri Sep 9 20:43:37 GMT 1994
Abundant tape I/O error messages dumped to console screen.

Fri Sep 9 20:47:00 GMT 1994: Patrol End

DPMON COMMENT: Fri Sep 9 20:53:47 GMT 1994
Went into manual mode and "pressed" EJECT button, removed P00156.
Cleaned heads with cleaning cassette, loaded P00157.
Restarting Patrol.

Fri Sep 9 20:56:12 GMT 1994: Patrol Start

Fri Sep 9 20:57:05 GMT 1994: Patrol End

Fri Sep 9 20:57:57 GMT 1994: Filemark

Mauna Loa Solar Observatory Observer's Log

Fri Sep 9 21:08:32 GMT 1994
Year: 94 Doy: 252
Observer: yasukawa

DPMON COMMENT: Fri Sep 9 21:10:22 GMT 1994
Still got I/O errors on tape writes. I think the new tape needed
to be initialized. Rebooted in any case after protecting today's
logs. Starting up again.

Fri Sep 9 21:11:57 GMT 1994: Patrol Start

DPMON COMMENT: Fri Sep 9 21:16:55 GMT 1994
Looks like tape drive is behaving again. Reconfigured back to
limb-preferred mode.

WEATHER COMMENT: Fri Sep 9 21:18:33 GMT 1994
Cirrostratus burned off but now orographic clouds are starting
to form overhead.

COMMENT: Fri Sep 9 21:57:45 GMT 1994
Automatic dome rotator is on, the slot is quite tight this time of year,
so the ADR is overcompensating a bit causing the MKIII to get
domed out briefly each time the dome moves around midday.

Fri Sep 9 22:02:57 GMT 1994: Calibration

MKIII COMMENT: Fri Sep 9 22:29:20 GMT 1994
Manually moved dome to favor MKIII for a few scans.

DPMON COMMENT: Fri Sep 9 23:02:43 GMT 1994
Still struggling to keep the image occulted. Increasing the size
of the occulter one more step, from 1941 to 1951.

Fri Sep 9 23:10:06 GMT 1994: Patrol Start

WEATHER COMMENT: Fri Sep 9 23:50:59 GMT 1994
In thin cirrus.
Orographic clouds moving upslope to west of station.

Fri Sep 9 23:58:03 GMT 1994: Patrol End
Sat Sep 10 00:06:31 GMT 1994: Patrol Start

WEATHER COMMENT: Sat Sep 10 00:07:10 GMT 1994
Clear again.

WEATHER COMMENT: Sat Sep 10 00:24:27 GMT 1994
Sun dipped into the orographic clouds moving upslope to west.

WEATHER COMMENT: Sat Sep 10 00:59:31 GMT 1994
In thin cirrus, in and out of fast moving orographic clouds.

Sat Sep 10 01:00:56 GMT 1994: Calibration

WEATHER COMMENT: Sat Sep 10 01:02:53 GMT 1994
Lotsa cirrus. Stopping.

Sat Sep 10 01:03:59 GMT 1994: Patrol End

COMMENT: Sat Sep 10 01:05:13 GMT 1994

'''
(o o)

-----ooO-(_)---Ooo-----

Activity report:

QP: 90; 140; 226; 252; 290; 305;

No coronal activity

Tapes: MKIII: H00837
DPMON: P00155 I/O error failure at end of data
P00156
LOW-L: L00104 in unit 1

Sat Sep 10 01:11:51 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:51:36. 9/9/94 DOY 252

| | | | | |
|-----------|-----------|----------|-----------|-----------|
| 16:58:26 | 17:01:40 | 17:04:56 | 17:08:09 | 18:50:42 |
| 18:53:51 | 18:57:02 | 19:00:12 | 19:03:24 | 19:06:33 |
| 19:09:44 | 19:12:53 | 19:16:02 | 19:19:11 | 19:22:22 |
| 19:25:31 | 19:28:41 | 19:31:50 | 19:35:00 | 19:38:09 |
| 19:41:20 | 19:44:29 | 19:47:38 | 19:50:46 | 1954 0 CL |
| 19:58:15 | 2003 15CL | 20:07:21 | 2011 0 CL | 20:14:25 |
| 2018 15CL | 20:23:22 | 20:26:54 | 20:30:04 | 20:33:15 |
| 20:36:26 | 20:39:36 | 20:42:46 | 20:46:00 | 20:49:08 |
| 20:52:17 | 20:55:26 | 20:58:36 | 21:01:44 | 21:04:58 |
| 21:08:06 | 21:11:14 | 21:14:22 | 21:17:31 | 21:20:38 |
| 21:23:51 | 21:27:00 | 21:30:09 | 21:33:17 | 21:36:31 |
| 21:39:39 | 21:42:48 | 21:45:56 | 21:49:05 | 21:52:12 |

| | | | | |
|----------|----------|----------|----------|----------|
| 21:55:22 | 21:58:30 | 22:01:41 | 22:04:48 | 22:07:57 |
| 22:11:06 | 22:14:17 | 22:17:25 | 22:20:35 | 22:23:43 |
| 22:26:55 | 22:30:04 | 22:33:14 | 22:36:24 | 22:39:33 |
| 22:42:41 | 22:45:50 | 22:48:58 | 22:52:07 | 22:55:15 |
| 22:58:24 | 23:01:33 | 23:04:44 | 23:07:52 | 23:11:01 |
| 23:14:11 | 23:17:24 | 23:20:32 | 23:23:41 | 23:26:49 |
| 23:29:58 | 23:33:06 | 23:36:16 | 23:39:24 | 23:42:35 |
| 23:45:45 | 23:48:54 | 23:52:02 | 23:55:12 | 0:07:31 |
| 0:10:39 | 0:13:49 | 0:16:58 | 0:20:08 | 0:23:16 |
| 0:26:25 | 0:29:34 | 0:32:44 | 0:35:52 | 0:39:02 |
| 0:42:11 | 0:45:21 | 0:48:29 | 0:51:39 | 0:54:48 |
| 0:58:02 | 1:01:10 | | | |

0 ERRORS

OK