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              Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------
Wed Oct  5 16:40:36 GMT 1994
Year: 94  Doy: 278
Observer: yasukawa

WEATHER COMMENT: Wed Oct  5 16:41:27 GMT 1994
Cool, clear, some scattered thin cirrus to east. light south breeze.
Temp=42F

Wed Oct 5 16:49:28 GMT 1994: Patrol Start

DPMON COMMENT: Wed Oct  5 16:51:17 GMT 1994
Replaced motor driver I.C. on Occulter Motor Driver card from
JBOX and replaced the spare with the repaired original.
Apparently working OK.  Put spare card back in spares box.

Wed Oct 5 17:02:01 GMT 1994: Calibration
Wed Oct 5 18:01:54 GMT 1994: Calibration

DPMON COMMENT: Wed Oct  5 18:12:55 GMT 1994
Reconfigured to disc-preferred mode.


DPMON COMMENT: Wed Oct  5 18:44:25 GMT 1994
Restored back to limb-preferred mode.

Wed Oct 5 19:02:02 GMT 1994: Calibration

WEATHER COMMENT: Wed Oct  5 19:41:48 GMT 1994
In passing patch of very thin cirrus.

Wed Oct 5 20:01:57 GMT 1994: Calibration
Wed Oct 5 20:02:44 GMT 1994: Patrol End

COMMENT: Wed Oct  5 20:02:50 GMT 1994
Stopping to reconfigure dome shutter.

Wed Oct 5 20:09:33 GMT 1994: Patrol Start

MKIII COMMENT: Wed Oct  5 20:32:16 GMT 1994
Stopping MKIII to work on Chan 2 setup.


DPMON COMMENT: Wed Oct  5 20:45:19 GMT 1994
I may be shaking the spar while working on chan 2 of MKIII.
PPTI (please pardon the inconvenience).
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Wed Oct 5 21:01:00 GMT 1994: Calibration

WEATHER COMMENT: Wed Oct 5 21:51:06 GMT 1994
in thin cirrus

MKIII COMMENT: Wed Oct 5 21:51:22 GMT 1994
Restored MKIII to operational setup. No result from first
chan 2 configuration...... er... result is something is either
dead or way out of adjustment.

Wed Oct 5 22:00:56 GMT 1994: Calibration

COMMENT: Wed Oct 5 22:10:02 GMT 1994
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chu relieving yasukawa as obbserver
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Still in gossamer thin cirrus. Have been advised by EAY
to restart MKIII after cirrus clears.

MKIII COMMENT: Wed Oct 5 22:20:11 GMT 1994
Cirrus thinning now. Restarting MKIII obs.

Wed Oct 5 23:00:57 GMT 1994: Calibration

WEATHER COMMENT: Thu Oct 6 00:00:35 GMT 1994
Patches of orographic clouds moving into FOV.

Thu Oct 6 00:00:54 GMT 1994: Calibration

DPMON COMMENT: Thu Oct 6 00:37:28 GMT 1994
In thin cirrus again. Stopping patrol to correct a possible
problem with disk images.

Thu Oct 6 00:39:02 GMT 1994: Patrol End
Thu Oct 6 00:50:26 GMT 1994: Patrol Start

DPMON COMMENT: Thu Oct 6 00:51:28 GMT 1994
Problem with washout of Dpmon disk images not corrected as yet.
Will continue to take data to tape until such time as I can
reach EAY to assist with trouble shooting.

Thu Oct 6 01:02:58 GMT 1994: Calibration

COMMENT: Thu Oct 6 01:16:07 GMT 1994
Reconfigured the dome slot.

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Thu Oct 6 02:00:03 GMT 1994: Calibration
Thu Oct 6 02:56:00 GMT 1994: Patrol End

DPMON COMMENT: Thu Oct  6 03:05:26 GMT 1994
Got in touch with EAY.  We determined the problem was the Lyot
stop had fallen from its mounting.  Appears Lyot stop is
undamaged.  Will clean it with an alcopad and secure it back
into place.  All data after ~0:00UT was probably affected.

COMMENT: Thu Oct  6 03:19:11 GMT 1994
Have been in cirrus since 0:30UT.  No good coronal scans since
that time.  Appears it will remain cloudy for the remainder of
the day.  PAU

Activity Report:
        QP: 55; 99; 139; 225; 283-286.
        EPL: 245 between 23:00-0:00UT.

Tapes:
        MKIII:  H00856
        DPMON:  P00176
        LOW-L:  L00112 running in unit 0

Thu Oct 6 03:23:08 GMT 1994: Filemark
SCAN-LOG
SCAN-LOG  16:51:08.  10/5/94 DOY 278
    17:04:48       17:08:01       17:11:17       17:14:30       17:17:44
    17:20:57       17:24:11       17:27:23       17:30:36       17:33:48
    17:37:02       17:40:14       17:43:31       17:46:43       17:49:56
    17:53:07       17:56:20       17:59:31       1803 0 CL      18:06:25
    1810 15CL      18:16:40       18:20:14       18:23:25       18:26:41
    18:29:53       18:33:04       18:36:12       18:39:22       18:42:30
    18:45:41       18:48:51       18:52:00       18:55:09       18:58:19
    19:01:28       19:04:37       19:07:45       19:10:54       19:14:03
    19:17:14       19:20:24       19:23:37       19:26:44       19:29:53
    19:33:00       19:36:09       19:39:16       19:42:25       19:45:32
    19:48:42       19:51:50       19:55:06       19:58:13       20:01:27
    20:10:41       20:13:49       20:16:57       20:20:06       20:23:14
    20:26:25       20:29:34       22:20:56       22:24:04       22:27:15
    22:30:22       22:33:31       22:36:40       22:39:52       22:43:00
    22:46:09       22:49:17       22:52:27       22:55:35       22:58:46
    23:01:54       23:05:03       23:08:11       23:11:25       23:14:35
    23:17:45       23:20:54       23:24:03       23:27:12       23:30:23
    23:33:32       23:36:41       23:39:50       23:43:00       23:46:10
    23:49:24       23:52:33       23:55:43       23:58:51        0:02:02
     0:05:11        0:08:22        0:11:31        0:14:43        0:17:53
     0:21:07        0:24:15        0:27:25        0:30:34        0:33:43
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    0:36:51        0:40:00        0:43:08        0:46:18        0:49:25
    0:52:35        0:55:43        0:58:53        1:02:03        1:05:13
    1:08:22        1:11:32        1:14:41        1:17:50        1:20:59
    1:24:08        1:27:17        1:30:27        1:33:35        1:36:45
    1:39:53        1:43:03        1:46:11        1:49:21        1:52:29
    1:55:39        1:58:48        2:01:57        2:05:06        2:08:16
    2:11:25        2:14:35        2:17:45        2:20:57        2:24:06
    2:27:17        2:30:26        2:33:37        2:36:46        2:39:57
    2:43:06        2:46:16        2:49:24        2:52:33        2:55:42
    2:58:52        3:02:01        3:05:11        3:08:19
  0 ERRORS
OK
```