

Mauna Loa Solar Observatory Observer's Log

Sun Sep 11 16:57:26 GMT 1994
Year: 94 Doy: 254
Observer: chu

WEATHER COMMENT: Sun Sep 11 16:57:31 GMT 1994
Thin layer of cirrus extending across the sky from East to West.
Moderate wind from Southeast. Temp 42F. Humidity49%.

Sun Sep 11 16:59:38 GMT 1994: Patrol Start

MKIII COMMENT: Sun Sep 11 17:00:21 GMT 1994
Beginning obs with MKIII partially blocked by dome wall.

Sun Sep 11 17:01:12 GMT 1994: Calibration

MKIII COMMENT: Sun Sep 11 17:09:33 GMT 1994
MKIII has cleared dome wall.

WEATHER COMMENT: Sun Sep 11 17:23:58 GMT 1994
Cirrus severely degrading both MKIII and Dpmon limb images.

Sun Sep 11 18:02:56 GMT 1994: Calibration
Sun Sep 11 19:03:01 GMT 1994: Calibration

DPMON COMMENT: Sun Sep 11 19:11:27 GMT 1994
Configured Dpmon to disk preferred mode.

DPMON COMMENT: Sun Sep 11 19:59:05 GMT 1994
Will leave Dpmon in disk preferred mode, since limb images continue
to be washed out by cirrus.

Sun Sep 11 20:02:57 GMT 1994: Calibration

COMMENT: Sun Sep 11 20:46:28 GMT 1994
Dpmon domed out. Reconfigured the dome slot to correct.

DPMON COMMENT: Sun Sep 11 20:47:00 GMT 1994
Reconfigured the Dpmon to limb preferred mode for hourly
calibration.

WEATHER COMMENT: Sun Sep 11 20:56:49 GMT 1994
In thinnest region of cirrus so far today. Dpmon limb images

clearing a bit. Can make out a few prominences, but still quite fuzzy. MKIII scans still no good. Loaf of bread monitor still off the scale.

Sun Sep 11 21:02:58 GMT 1994: Calibration

WEATHER COMMENT: Sun Sep 11 21:18:33 GMT 1994
Cirrus thickening again. Dpmon limb image washout again.

DPMON COMMENT: Sun Sep 11 21:44:19 GMT 1994
Dpmon doming out every few minutes due to tight fit in dome slot during this time of day. Rotated the dome and engaging ADR.

WEATHER COMMENT: Sun Sep 11 21:49:27 GMT 1994
Patches of orographic clouds have moved upslope from West. May pass into FOV in a while.

COMMENT: Sun Sep 11 22:02:28 GMT 1994
ADR doesn't seem to be working very well. Dpmon still doming out. Manually rotated dome to favor of Dpmon since MKIII scans still completely corrupted by cirrus.

WEATHER COMMENT: Sun Sep 11 22:30:02 GMT 1994
Cirrus thinning a tiny bit.

COMMENT: Sun Sep 11 22:56:37 GMT 1994
ADR seems to be working correctly now. Earlier problem was probably due to the empheris transit being more parallel with the dome slot than perpendicular.

Sun Sep 11 23:03:03 GMT 1994: Calibration
Mon Sep 12 00:03:01 GMT 1994: Calibration
Mon Sep 12 01:00:04 GMT 1994: Calibration

COMMENT: Mon Sep 12 01:03:42 GMT 1994
Have been in varying levels of cirrostratus all day. Loaf of bread diagram was off scale during entire day. No good MKIII data. Will recycle tape. May have gotten a few good Dpmon images during mid-day. PAU.

Activity Report:

QP: 57; 129; 135-141; 230; 236; 256; 266-271.

No Coronal Observations.

Tapes:

MKIII: recycled

DPMON: P00157

LOW-L: L00104 running in unit 1

Mon Sep 12 01:06:49 GMT 1994: Filemark