

Mauna Loa Solar Observatory Observer's Log

Sun Sep 18 16:40:04 GMT 1994

Year: 94 Doy: 261

Observer: chu

WEATHER COMMENT: Sun Sep 18 16:45:50 GMT 1994

Clear, cool, light wind from South. Temp 42F. Humidity 72%.
Moisture on the ground and on all external surfaces
indicates that it rained sometime last night.

Sun Sep 18 16:46:56 GMT 1994: Patrol Start

MKIII COMMENT: Sun Sep 18 16:47:02 GMT 1994

Beginning obs with MKIII partially blocked by dome wall.

LOW-L COMMENT: Sun Sep 18 16:54:34 GMT 1994

Have noticed that the Low-l is currently displaying antennae tower
in its FOV.

Sun Sep 18 17:02:01 GMT 1994: Calibration

MKIII COMMENT: Sun Sep 18 17:04:14 GMT 1994

MKIII now clearing dome wall.

LOW-L COMMENT: Sun Sep 18 17:19:51 GMT 1994

Tape # L00106 popped out of unit 1. Removed and replaced with
tape # L00108.

Sun Sep 18 18:01:57 GMT 1994: Calibration

WEATHER COMMENT: Sun Sep 18 18:46:32 GMT 1994

Extensive region of cirrostratus approaching from West. Will
probably pass into FOV within the next hour or so.

Sun Sep 18 19:01:57 GMT 1994: Calibration

WEATHER COMMENT: Sun Sep 18 19:07:23 GMT 1994

First small patches of cirrus passing through FOV.

DPMON COMMENT: Sun Sep 18 19:16:23 GMT 1994

Configured the Dpmon to optimum disk preferred mode.

WEATHER COMMENT: Sun Sep 18 19:24:21 GMT 1994

Cirrus appears to be washing out both MKIII and Dpmon limb images
at present.

DPMON COMMENT: Sun Sep 18 19:51:58 GMT 1994

Reconfigured the Dpmon back to optimum limb preferred mode.

COMMENT: Sun Sep 18 19:52:24 GMT 1994

Reconfigured the dome slot.

Sun Sep 18 20:02:00 GMT 1994: Calibration

WEATHER COMMENT: Sun Sep 18 20:34:31 GMT 1994

Orographic clouds have closed in from East and West. Blocking FOV.
I can still see some patches of blue sky. Will continue to run in
hopes of catching a scan within the holes.

Sun Sep 18 21:01:57 GMT 1994: Calibration

Sun Sep 18 21:04:55 GMT 1994: Patrol End

COMMENT: Sun Sep 18 21:05:19 GMT 1994

Stopping obs for now. Has been completely overcast for a while.
Appears it will remain so for a while longer.

WEATHER COMMENT: Sun Sep 18 21:09:09 GMT 1994

Closing dome immediately. Very fine grains of moisture falling from
a small cloud, even though clouds seem to be thinning.

WEATHER COMMENT: Sun Sep 18 21:28:48 GMT 1994

In ground fog.

WEATHER COMMENT: Sun Sep 18 21:56:32 GMT 1994

Some holes in clouds forming around Sun. Still quite a bit of
moisture being blown down from mountain cap clouds to South. Will
wait for moisture to dissapate before reopening dome.

WEATHER COMMENT: Sun Sep 18 22:45:31 GMT 1994

Completely overcast again. Light drizzle falling from clouds.

COMMENT: Mon Sep 19 01:03:38 GMT 1994

Overcast skies since ~21:00UT. Intermittent rain and fog also.
No obs since that time. PAU.

Activity Report:

QP: 34-40; 46; 82-84; 94-103; 118-121; 234; 260-264; 294-304.
No Coronal Activity.

Tapes:

MKIII: H00844
DPMON: P00164
LOW-L: L00107 running in unit 0.
L00106 removed from unit 1.
L00108 placed into unit 1.

Mon Sep 19 01:06:43 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:48:30. 9/18/94 DOY 261

16:54:00	16:57:14	17:00:27	17:03:40	17:06:54
17:10:08	17:13:23	17:16:36	17:19:51	17:23:05
17:26:19	17:29:33	17:32:48	17:36:01	17:39:19
17:42:32	17:45:45	17:48:57	17:52:10	17:55:22
17:58:35	18:01:48	1805 0 CL	18:08:47	1813 15CL
18:17:52	18:21:54	18:25:07	18:28:27	18:31:38
18:34:51	18:38:02	18:41:22	18:44:35	18:47:47
18:50:58	18:54:09	18:57:19	19:00:29	19:03:38
19:06:50	19:09:59	19:13:09	19:16:17	19:19:31
19:22:39	19:25:48	19:28:56	19:32:05	19:35:13
19:38:22	19:41:30	19:44:39	19:47:47	19:50:57
19:54:05	19:57:14	20:00:22	20:03:32	20:06:40
20:09:49	20:12:58	20:16:08	20:19:16	20:22:26
20:25:34	20:28:44	20:31:53	20:35:03	20:38:12
20:41:22	20:44:31	20:47:41	20:50:50	20:54:00
20:57:09	21:00:19			

0 ERRORS

OK