

Mauna Loa Solar Observatory Observer's Log

Fri Sep 16 16:41:08 GMT 1994
Year: 94 Doy: 259
Observer: yasukawa

WEATHER COMMENT: Fri Sep 16 16:46:19 GMT 1994
Cold, in thin cirrus, light south breeze. Relative humidity 82%, temp=40F.

Fri Sep 16 16:48:00 GMT 1994: Patrol Start
Fri Sep 16 17:01:01 GMT 1994: Calibration
Fri Sep 16 18:00:58 GMT 1994: Calibration

DPMON COMMENT: Fri Sep 16 18:12:27 GMT 1994
Reconfigured to disc-preferred mode.

Fri Sep 16 19:00:57 GMT 1994: Calibration
Fri Sep 16 19:54:02 GMT 1994: Patrol End

DPMON COMMENT: Fri Sep 16 19:59:15 GMT 1994
Still in thin cirrus, reconfigured dome shutter, reconfigured to limb-preferred mode.

Fri Sep 16 20:00:06 GMT 1994: Patrol Start

WEATHER COMMENT: Fri Sep 16 20:03:24 GMT 1994
Cirrus is starting to thin out. Starting MKIII tape.

WEATHER COMMENT: Fri Sep 16 20:24:19 GMT 1994
Clear, but noisy sky.

MKIII COMMENT: Fri Sep 16 20:30:55 GMT 1994
Calibrating channel 1, no dark scan at end.

MKIII COMMENT: Fri Sep 16 20:43:34 GMT 1994
Calibrating channel 0.

Fri Sep 16 21:00:01 GMT 1994: Patrol End

DPMON COMMENT: Fri Sep 16 21:11:13 GMT 1994
Setting up for Elmore's opal tests.
Opal manually put in the beam.
Occulter in DISC position.
Filter at 656.3
Daystar out.
Will test exposure length.

DPMON COMMENT: Fri Sep 16 21:15:05 GMT 1994
Exposure length set at 200 ms (max on control panel).
Taking a set of manual exposures and tape writes.

DPMON COMMENT: Fri Sep 16 21:20:42 GMT 1994
OK, took about 5 exposures and writes, not real sure... Duc called while I was doing it and I may have lost count.

Putting blocked filter position into beam to do dark exposures at 200 ms, single exposures (like I did for opal exposures), and writing each exposure to tape.

WEATHER COMMENT: Fri Sep 16 21:35:11 GMT 1994
In orographic clouds.

DPMON COMMENT: Fri Sep 16 21:35:24 GMT 1994
Restored configuration back to normal... removed opal from beam.

Fri Sep 16 21:37:38 GMT 1994: Patrol Start

WEATHER COMMENT: Fri Sep 16 21:37:48 GMT 1994
Orographic cloud moved out of the way for now.....??
They moved back over as I was typing the last remark.
We'll be going in and out of the clouds for a while.

Fri Sep 16 22:02:01 GMT 1994: Calibration
Fri Sep 16 22:04:02 GMT 1994: Patrol End

WEATHER COMMENT: Fri Sep 16 22:04:47 GMT 1994
In heavy orographic clouds at this time. Cirrus deck moving in from
southwest. Stopped MKIII and DPMON at this time.

COMMENT: Fri Sep 16 22:14:17 GMT 1994
Based on past weather pattern, will shut down so that I can get
some put-off tasks done in office.

Activity report:
QP: 43; 55; 102; 224; 300;
No coronal activity determined.

Tapes: MKIII: H00842
DPMON: P00162
LOW-L: L00106 in unit 1

Fri Sep 16 22:17:28 GMT 1994: Filemark
SCAN-LOG

SCAN-LOG 16:48:33. 9/16/94 DOY 259

20:05:42	20:08:53	20:12:02	20:15:13	20:18:22
20:21:31	20:24:39	2028 0 CL	20:31:35	2035 15CL
20:40:13	2044 0 CL	20:46:58	2051 15CL	20:55:32
20:59:07	21:02:15	21:05:24	21:08:32	21:11:41
21:14:50	21:17:59	21:21:07	21:24:17	21:27:25
21:30:35	21:33:44	21:36:53	21:40:05	21:43:17
21:46:29	21:49:42	21:52:52	21:56:03	21:59:13

0 ERRORS
OK