

Mauna Loa Solar Observatory Observer's Log

Fri Sep 23 16:37:42 GMT 1994

Year: 94 Doy: 266

Observer: yasukawa

WEATHER COMMENT: Fri Sep 23 16:37:48 GMT 1994

Cool, clear, light south breeze. Temp 41F.

Fri Sep 23 16:43:58 GMT 1994: Patrol Start

MKIII COMMENT: Fri Sep 23 16:47:12 GMT 1994

MKIII looking at the dome at this time. Standing by.

DPMON COMMENT: Fri Sep 23 16:48:45 GMT 1994

Ephemeris bench angle calculations apparently fixed overnight by David Elmore.

Fri Sep 23 17:02:03 GMT 1994: Calibration

Fri Sep 23 18:01:54 GMT 1994: Calibration

MKIII COMMENT: Fri Sep 23 18:15:03 GMT 1994

Calibrating channel 1. Eliminating dark scan after cal.

DPMON COMMENT: Fri Sep 23 18:18:26 GMT 1994

Reconfigured to disc-preferred mode.

MKIII COMMENT: Fri Sep 23 18:33:10 GMT 1994

Calibrating chan 0.

MKIII COMMENT: Fri Sep 23 18:50:09 GMT 1994

Tek 4644 printer went bonkers during cal printing, it would lose its bearing on where the left margin is. Checking things out.

DPMON COMMENT: Fri Sep 23 18:55:37 GMT 1994

Restored back to limb-preferred mode.

Fri Sep 23 19:02:01 GMT 1994: Calibration

MKIII COMMENT: Fri Sep 23 19:05:37 GMT 1994

Looks like the problem with the Tek 4644 printer was a wayward computer paper hole lodged in the optical switch at the left end of travel of the print head shuttle. The hole (as in small

disc) would block the detector and the logic would not know where the head is.

Fri Sep 23 20:02:02 GMT 1994: Calibration

COMMENT: Fri Sep 23 20:48:45 GMT 1994
Stopping to reconfigure dome slot.

Fri Sep 23 20:49:03 GMT 1994: Patrol End
Fri Sep 23 20:55:48 GMT 1994: Patrol Start

WEATHER COMMENT: Fri Sep 23 20:56:59 GMT 1994
Sky is quite noisy, lotsa stuff flying around up there-dust, bugs, webs, pollen, etc. Wind blowing upslope.

Fri Sep 23 21:02:00 GMT 1994: Calibration

MKIII COMMENT: Fri Sep 23 21:40:51 GMT 1994
Slot getting tight, automatic dome rotator is favoring the DPMON and MKIII may get partially domes each time the ADRs activate.

COMMENT: Fri Sep 23 21:56:35 GMT 1994
Adjusted the ADR very close to DPMON snout to give MKIII more favor.

Fri Sep 23 22:02:05 GMT 1994: Calibration

DPMON COMMENT: Fri Sep 23 22:07:18 GMT 1994
Domed out a bit. After adjustment, sensor was left just to the shade side of shadow, timer relay has thus left in shutdown mode and ADR did not respond further.

MKIII COMMENT: Fri Sep 23 22:49:58 GMT 1994
Touched up ADR position a bit more. Rotated O1 about 20-30 degrees so that the ADR could be positioned into a better location where the top of the slot would not activate it.

WEATHER COMMENT: Fri Sep 23 22:54:28 GMT 1994
Orographic clouds are milling about nearby, we may get clobbered.

WEATHER COMMENT: Fri Sep 23 22:58:34 GMT 1994
In orographic clouds briefly.

Fri Sep 23 23:01:57 GMT 1994: Calibration
Fri Sep 23 23:13:03 GMT 1994: Patrol End

DPMON COMMENT: Fri Sep 23 23:19:37 GMT 1994
Changed occulter to larger size, from 1951 to 1961 (#7 to #6).

WEATHER COMMENT: Fri Sep 23 23:20:34 GMT 1994
In heavier orographic clouds. Stopped observations.

COMMENT: Sat Sep 24 01:06:25 GMT 1994
Remained in heavy orographic clouds rest of duty. Painted while
standing down on observations.

Activity Report:
QP: 96; 215;
No coronal activity

Tapes: MKIII: H00847
DPMON: P00167
LOW-L: L00108 in unit 1

Sat Sep 24 01:09:09 GMT 1994: Filemark
SCAN-LOG

SCAN-LOG 16:45:36. 9/23/94 DOY 266

17:06:45	17:10:00	17:13:13	17:16:27	17:19:41
17:22:55	17:26:09	17:29:24	17:32:37	17:35:52
17:39:05	17:42:19	17:45:32	17:48:47	17:51:59
17:55:15	17:58:29	18:01:42	18:04:54	18:08:07
18:11:19	1815 0 CL	18:18:59	1823 15CL	18:30:06
1834 0 CL	18:37:17	1841 15CL	18:48:29	18:52:22
18:55:32	18:58:45	19:01:57	19:05:14	19:08:25
19:11:37	19:14:48	19:18:00	19:21:13	19:24:24
19:27:34	19:30:45	19:33:54	19:37:06	19:40:15
19:43:26	19:46:35	19:49:46	19:52:55	19:56:06
19:59:15	20:02:26	20:05:35	20:08:45	20:11:54
20:15:05	20:18:14	20:21:25	20:24:34	20:27:45
20:30:54	20:34:05	20:37:14	20:40:25	20:43:34
20:46:45	20:56:06	20:59:17	21:02:26	21:05:40
21:08:49	21:11:59	21:15:08	21:18:18	21:21:27
21:24:38	21:27:46	21:30:59	21:34:07	21:37:21
21:40:30	21:43:40	21:46:49	21:50:00	21:53:10
21:56:21	21:59:30	22:02:42	22:05:52	22:09:03
22:12:13	22:15:24	22:18:34	22:21:46	22:24:55
22:28:06	22:31:14	22:34:25	22:37:33	22:40:42
22:43:49	22:46:58	22:50:06	22:53:15	22:56:25
22:59:34	23:02:44	23:05:55	23:09:05	23:12:16

23:15:25

23:18:35

0 ERRORS

OK