

Mauna Loa Solar Observatory Observer's Log

Thu Oct 13 16:41:05 GMT 1994

Year: 94 Doy: 286

Observer: yasukawa

WEATHER COMMENT: Thu Oct 13 16:41:28 GMT 1994

Cool, clear, southeast wind. Temp=45F.

Thu Oct 13 16:46:49 GMT 1994: Patrol Start

MKIII COMMENT: Thu Oct 13 16:51:31 GMT 1994

MKIII looking at the wall. Standing by to start when it clears dome.

Thu Oct 13 17:02:03 GMT 1994: Calibration

MKIII COMMENT: Thu Oct 13 17:11:54 GMT 1994

MKIII has cleared the dome.

MKIII COMMENT: Thu Oct 13 17:48:52 GMT 1994

Cathy has alerted us to flakiness on Chan 1.

Checked monitors on chan 1 and found it basically dead this morning.

There has been a lot of fiddling with the channel as part of it, from the DCSB on down has been used in the chan 2 work.

Will check the system out.

MKIII COMMENT: Thu Oct 13 17:53:41 GMT 1994

Need to stop scan to check out chan 1 further.

Thu Oct 13 18:01:59 GMT 1994: Calibration

MKIII COMMENT: Thu Oct 13 18:07:03 GMT 1994

Chan 1 data pulses were missing. Checked connection at the trapezoid box on the rear of the MKIII. Reconnected lemo connector and got the pulses back. May have been a poor connection, or (HORRORS) a bad connector. If channel 2 work is to continue, I will have to continue swapping those fragile connectors.

MKIII COMMENT: Thu Oct 13 18:34:39 GMT 1994

Oops, sorry, got preoccupied while MKIII was waiting to start chan 0 calibration..

Thu Oct 13 19:02:02 GMT 1994: Calibration

WEATHER COMMENT: Thu Oct 13 19:38:26 GMT 1994

Yech! In thin, banded cirrostratus.

Thu Oct 13 20:02:00 GMT 1994: Calibration

WEATHER COMMENT: Thu Oct 13 20:18:57 GMT 1994
Cirrostratus thick. Stopped mkiiii a while ago, stopping pmon now.

MKIII COMMENT: Thu Oct 13 21:05:42 GMT 1994
Inspected chan 1 optics and could not see anything obvious
interfering with optical path, seals look OK.

Thu Oct 13 21:35:15 GMT 1994: Patrol Start

WEATHER COMMENT: Thu Oct 13 21:35:19 GMT 1994
cirrostratus thinning, starting systems up again.

DPMON COMMENT: Thu Oct 13 21:37:51 GMT 1994
PMON was domed. Moved dome, turned ADR back on.

Thu Oct 13 21:38:26 GMT 1994: Patrol Start

WEATHER COMMENT: Thu Oct 13 21:42:47 GMT 1994
Sky still bright, must still be in some very thin cirrus.

DPMON COMMENT: Thu Oct 13 21:50:12 GMT 1994
ADR hadn't reset in the sunlight before turning it on so it did
not move dome. Reset the timer relay.

Thu Oct 13 22:03:00 GMT 1994: Calibration

COMMENT: Thu Oct 13 22:13:00 GMT 1994

chu relieving yasukawa as observer

FOV currently clear. Isolated patches of cirrus still
present across the sky.

Thu Oct 13 23:02:57 GMT 1994: Calibration
Fri Oct 14 00:00:01 GMT 1994: Calibration

WEATHER COMMENT: Fri Oct 14 00:59:16 GMT 1994
Orographic clouds moving upslope from West. Threatening to
pass into FOV.

Fri Oct 14 01:03:01 GMT 1994: Calibration

WEATHER COMMENT: Fri Oct 14 01:05:43 GMT 1994
Low level ground fog closing in on dome. Will pause obs
and close dome to ensure no moisture gets on instruments.

Fri Oct 14 01:11:00 GMT 1994: Patrol End

COMMENT: Fri Oct 14 02:09:05 GMT 1994
Low level orographic clouds have begun to recede. Will
reopen dome. FOV still blocked by thick clouds. Waiting
for a clearing before restarting obs.

Fri Oct 14 02:20:40 GMT 1994: Patrol Start

Fri Oct 14 03:00:01 GMT 1994: Calibration

DPMON COMMENT: Fri Oct 14 03:23:23 GMT 1994
DPmon encountering top of dome wall.

Fri Oct 14 03:26:58 GMT 1994: Patrol End

WEATHER COMMENT: Fri Oct 14 03:27:09 GMT 1994
Have been in a solid deck of clouds for past half hour.

Activity Report:

QP: 24; 47; 55; 70; 102; 120; 143; 277; 358.

No Coronal Activity

Tapes:

MKIII: H00864

DPMON: P00184

LOW-L: L00115 running in unit 0

Fri Oct 14 03:28:25 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:48:03. 10/13/94 DOY 286

17:02:50	17:06:04	17:09:17	17:12:32	17:15:44
17:18:57	17:22:09	17:25:21	17:28:33	17:31:45
17:34:56	17:38:10	17:41:21	17:44:33	17:47:44
17:50:55	18:06:33	18:09:45	18:12:56	1835 0 CL
18:38:03	1842 15CL	18:46:49	18:50:21	18:53:30
18:56:40	18:59:49	19:02:59	19:06:08	19:09:23
19:12:32	19:15:43	19:18:53	19:22:01	19:25:08
19:28:17	19:31:24	19:34:32	19:37:39	21:34:57
21:38:05	21:41:16	21:44:23	21:47:37	21:50:45
21:53:53	21:57:01	22:00:11	22:03:19	22:06:28
22:09:38	22:12:47	22:15:55	22:19:05	22:22:13
22:25:22	22:28:30	22:31:40	22:34:48	22:37:59

22:41:08	22:44:17	22:47:27	22:50:40	22:53:48
22:56:57	23:00:04	23:03:13	23:06:20	23:09:29
23:12:36	23:15:46	23:18:53	23:22:03	23:25:10
23:28:24	23:31:31	23:34:40	23:37:47	23:40:56
23:44:03	23:47:12	23:50:19	23:53:28	23:56:35
23:59:44	0:02:51	0:06:00	0:09:07	0:12:16
0:15:23	0:18:32	0:21:39	0:24:50	0:27:58
0:31:07	0:34:14	0:37:22	0:40:29	0:43:37
0:46:44	0:49:54	0:53:02	0:56:13	0:59:23
1:02:32	1:05:38	1:08:47	2:22:28	2:25:35
2:28:44	2:31:51	2:35:00	2:38:09	2:41:23
2:44:33	2:47:44	2:50:54	2:54:04	2:57:14
3:00:26	3:03:37	3:06:52	3:10:02	3:13:13
3:16:23	3:19:34	3:22:44	3:25:55	

0 ERRORS

OK