

Mauna Loa Solar Observatory Observer's Log

Fri Dec 29 17:53:54 GMT 1995

Year: 95 Doy: 363

Observer: koon console Dec 29 17:45

Content-Length: 4154

X-Lines: 110

Status: RO

WEATHER COMMENT: Fri Dec 29 17:53:59 GMT 1995

Clear sky, wind=5 mph from the South, temp=38 F.

DPMON COMMENT: Fri Dec 29 17:54:23 GMT 1995

Login took a very long time, network is down.

Fri Dec 29 18:02:01 GMT 1995: Calibration

MKIII COMMENT: Fri Dec 29 18:50:32 GMT 1995

When I tried to do a channel 1 calibration I noticed that there is no signal getting through (no "loaf of bread").

I am checking this out.

MKIII COMMENT: Fri Dec 29 18:54:46 GMT 1995

Signal came back when I cycled the Analog power.

MKIII COMMENT: Fri Dec 29 19:00:50 GMT 1995

The first channel 1 calibration is no good, I didn't finish it either. The second attempt appears to be working.

Fri Dec 29 19:01:55 GMT 1995: Calibration

DPMON COMMENT: Fri Dec 29 19:28:15 GMT 1995

In recent weeks we have had trouble trying to correct occulting by moving the telescope to the North, today I am having trouble moving it to the West as well as the North. I will run some tests on the occulting now so it is going to look even worse for a while.

Fri Dec 29 20:00:59 GMT 1995: Calibration

COMMENT: Fri Dec 29 20:18:30 GMT 1995

I recentered the guiding telescope.

MKIII COMMENT: Fri Dec 29 20:19:48 GMT 1995

Data should be back to normal now that the guiding is normal.

DPMON COMMENT: Fri Dec 29 20:20:17 GMT 1995

Will try to recenter occulting and see if recentering the guider telescope helped.

DPMON COMMENT: Fri Dec 29 20:21:46 GMT 1995

Pausing Patrol to recenter occulter more easily.

Fri Dec 29 20:22:06 GMT 1995: Patrol End

Fri Dec 29 21:39:42 GMT 1995: Patrol Start

MKIII COMMENT: Fri Dec 29 21:39:54 GMT 1995

Scans were bad from around 2100 to 2130 because the spar wasn't pointed at the sun while I worked on the dPMon.

DPMON COMMENT: Fri Dec 29 21:40:43 GMT 1995

I had to tighten the clutches for the telescope pointing mechanisms. This is used to adjust occulting and the clutches were loose for both E-W and N-S geartrains. The E-W clutch slips before the limit switches are activated but that shouldn't cause any problems unless we let them slip for a long time but that shouldn't happen unless we get totally lost as to the direction to use to adjust occulting. The N-S clutch slips if you go about 2/3 of the way towards the South limit switch (even after tightening it to a reasonable setting) but that won't happen unless we position the solar image about 1/3 of the way off the screen (unlikely), the North limit switch is activated if you point too far North (cuts power). Occulting should be a lot better now.

Fri Dec 29 22:01:01 GMT 1995: Calibration

WEATHER COMMENT: Fri Dec 29 22:33:35 GMT 1995
Orographic clouds starting to move in from the West.

Fri Dec 29 23:00:57 GMT 1995: Calibration

Fri Dec 29 23:06:56 GMT 1995: Patrol End

COMMENT: Fri Dec 29 23:23:25 GMT 1995

Activity report:
QP: 135; 252; 277.
No coronal activity.

TAPES:

MKIII: H01201
DPMON: P00526
LOW-L: L00364 in drive #1

Fri Dec 29 23:25:21 GMT 1995: Filemark

SCAN-LOG

SCAN-LOG 17:54:30. 12/29/95 DOY 363

18:00:29	18:03:42	18:06:58	18:10:12	18:13:29
18:16:44	18:19:59	18:19:59	18:19:59	18:19:59
18:19:59	18:19:59	18:53:18	18:56:30	1901 0 CL
19:04:42	1914 15CL	19:20:35	1929 0 CL	19:33:12
1943 15CL	19:50:14	19:54:44	19:57:56	20:01:07
20:04:17	20:07:28	20:10:38	20:13:50	20:16:59
20:20:11	20:23:22	20:26:33	20:29:45	20:29:45
20:29:45	20:29:45	20:29:45	20:29:45	20:29:45
20:29:45	20:29:45	20:29:45	20:29:45	20:29:45
20:29:45	20:29:45	20:29:45	20:29:45	20:29:45
21:32:56	21:36:06	21:39:19	21:42:30	21:45:41
21:48:52	21:52:03	21:55:14	21:58:29	22:01:41
22:04:53	22:08:03	22:11:15	22:14:25	22:17:36
22:20:46	22:23:58	22:27:08	22:30:25	22:33:38
22:36:50	22:40:01	22:43:13	22:46:23	22:49:36
22:52:46	22:55:59	22:59:10	23:02:24	23:05:36

0 ERRORS

OK