

Mauna Loa Solar Observatory Observer's Log

Wed Jul 19 16:32:07 GMT 1995

Year: 95 Doy: 200

Observer: yasukawa console Jul 19 16:25

WEATHER COMMENT: Wed Jul 19 16:32:25 GMT 1995

Cold, clear, brisk south wind, temp=50, relative humidity=60%.

Wed Jul 19 16:38:15 GMT 1995: Patrol Start

LOW-L COMMENT: Wed Jul 19 16:43:26 GMT 1995

L00279 popped from unit 0. Loaded L00281.

DPMON COMMENT: Wed Jul 19 17:01:59 GMT 1995

Guiding was very sluggish and drifting for a while, occulting was poor. Seems to have stabilized.

Wed Jul 19 17:03:00 GMT 1995: Calibration

LOW-L COMMENT: Wed Jul 19 17:49:20 GMT 1995

L00280 popped out of unit 1. Loaded L00282. It popped out so I cycled power on the drive and reloaded cassette.

LOW-L COMMENT: Wed Jul 19 17:52:48 GMT 1995

L00282 popped out again. Cleaned drive. Reloaded.

Wed Jul 19 18:00:01 GMT 1995: Calibration

Wed Jul 19 19:03:03 GMT 1995: Calibration

WEATHER COMMENT: Wed Jul 19 19:15:14 GMT 1995

Orographic clouds forming nearby.

MKIII COMMENT: Wed Jul 19 19:18:14 GMT 1995

1812-1848 vdiff revealed possible guiding error in right ascension. West was bright and there were strange concentric streaks. Reset (cycled power and reset dec) guider and did another take. coronal plot looks more like earlier scans.

COMMENT: Wed Jul 19 19:25:12 GMT 1995

NOAA will be shutting off power to GONG to connect the UConn (or is it MIT?) shelter to the same power feed at around 2000 UT. I will be going down there to monitor the GONG building

temperature when they are ready to do the connection. GONG UPS should keep the instrument system going, but lights and A/C among other things will be shut down when power is cut.

COMMENT: Wed Jul 19 19:40:11 GMT 1995
Opening top of dome.

WEATHER COMMENT: Wed Jul 19 19:44:20 GMT 1995
South wind has died down, this may cause the orographic clouds to build up over the site now.

COMMENT: Wed Jul 19 20:00:03 GMT 1995
Going down the hill to check on NOAA's timetable for powerdown. (Powerdown will only affect GONG, not MLSO). Charlie and crew arrived to do some construction work for GONG. This may increase the sky noise if they create sawdust, or trample the lava very much.

WEATHER COMMENT: Wed Jul 19 20:13:18 GMT 1995
In orographic clouds. Will shut down for now and close the dome, air moist due to remnants of former hurricane Barbara visiting the Big Isle.

Wed Jul 19 20:15:00 GMT 1995: Patrol End

COMMENT: Wed Jul 19 20:16:45 GMT 1995
Returning to GONG to monitor shutdown.

WEATHER COMMENT: Wed Jul 19 21:37:01 GMT 1995
In orographic clouds.

COMMENT: Wed Jul 19 21:37:20 GMT 1995
GONG power was off from 2030-2048. Instrument ran without skipping a beat, only lights and A/C shutdown. Also gave tour of GONG and MLSO to a high school physics teacher that had accompanied Charlie up here.

Shutting down for the day.

Activity report: QP: 40; 115; 135; 227;
No coronal activity

Tapes: MKIII: H01074
DPMON: P00406
LOWL: L00280 and L00281

Wed Jul 19 21:41:48 GMT 1995: Filemark

SCAN-LOG

SCAN-LOG 16:39:18. 7/19/95 DOY 200

16:48:09	16:51:20	16:54:30	16:57:43	17:00:54
17:04:06	17:07:17	17:10:30	17:13:42	17:16:55
17:20:06	17:23:19	17:26:30	17:29:43	17:32:54
17:36:10	17:39:21	17:42:33	17:45:43	17:48:55
17:52:05	17:55:17	17:58:28	18:01:40	18:04:51
1809 0 CL	18:12:28	1816 15CL	18:21:33	18:26:38
18:29:48	18:33:00	18:36:11	18:39:22	18:42:33
18:45:43	18:48:53	18:52:05	18:55:14	18:58:29
19:01:40	19:04:52	19:08:01	19:11:13	19:14:22
19:17:34	19:20:42	19:23:57	19:27:05	19:30:15
19:33:23	19:36:32	19:39:39	19:42:48	19:45:55
19:49:04	19:52:12	19:55:22	19:58:30	20:01:38
20:04:44	20:07:51	20:10:57		

0 ERRORS

OK