

Mauna Loa Solar Observatory Observer's Log

---

Sun Oct 1 17:02:36 GMT 1995

Year: 95 Doy: 274

Observer: yasukawa console Oct 1 16:57

WEATHER COMMENT: Sun Oct 1 17:03:11 GMT 1995

Cool, clear, Scattered altocumulus, Cirrus and altocumulus deck to west of island. Light southeast wind.

COMMENT: Sun Oct 1 17:04:00 GMT 1995

Station in standard power-down state overnight due to hail and thunderstorm. other comments to follow start-up.

Sun Oct 1 17:10:48 GMT 1995: Patrol Start

DPMON COMMENT: Sun Oct 1 17:11:56 GMT 1995

Optical problem, opal in, taking it out manually.

Sun Oct 1 17:13:49 GMT 1995: Patrol Start

MKIII COMMENT: Sun Oct 1 17:14:50 GMT 1995

Idrop test. Micro channels A and B swapped, phasing changed from A=b to A=8 and B=5 to B=8.

LOW-L COMMENT: Sun Oct 1 17:16:26 GMT 1995

LowL had a "graphic character crash" yesterday afternoon at 22:45:56. L00319 popped. Coelostat stowed. I am not sure if the crash occurred because Darryl concluded his vigil, i.e. the doctor is no longer here, or if the crash had to do with the power-down. DAK's last log entry was at 21:59:20, and I assume that the powerdown may have occurred around the time of the LOWL crash. LOWL itself was not powered down. Loaded L00321 into unit 1. Rebooted LOWL.

COMMENT: Sun Oct 1 17:25:35 GMT 1995

GONG xterm restarted.

COMMENT: Sun Oct 1 17:38:50 GMT 1995

Going down to GONG shelter to check for problems.

COMMENT: Sun Oct 1 17:47:42 GMT 1995

Back at controlroom. Several GONG parameters in red, but Status

monitor indicates everything OK in there. I'll wait until the instrument wakes up to see if the connection between the instrument chassis and data chassis re-establishes itself.

LOW-L COMMENT: Sun Oct 1 17:55:03 GMT 1995  
Cleaned Exabyte unit 1.

MKIII COMMENT: Sun Oct 1 18:01:28 GMT 1995  
Stopped MKIII to reconfigure to nominal micro channel configuration. Removing H01130, with 13 files.  
Cleaning Exabyte drive. Loading H01131. Rebooting 11/44.

Sun Oct 1 19:01:57 GMT 1995: Calibration

COMMENT: Sun Oct 1 19:42:07 GMT 1995  
Going down to GONG again briefly.

COMMENT: Sun Oct 1 19:51:32 GMT 1995  
Back. Tried re-logging into Window. Did not reconnect.

Sun Oct 1 20:02:02 GMT 1995: Calibration  
Sun Oct 1 20:47:05 GMT 1995: Patrol End

DPMON COMMENT: Sun Oct 1 20:48:38 GMT 1995  
Checking M1 alignment.

DPMON COMMENT: Sun Oct 1 20:55:45 GMT 1995  
Could not move M1 in one axis. Checking further.

Sun Oct 1 21:06:31 GMT 1995: Patrol Start

COMMENT: Sun Oct 1 21:20:11 GMT 1995  
Declination reset. Repointed spar and reset guider.

DPMON COMMENT: Sun Oct 1 21:22:51 GMT 1995  
Cannot find documentation for Handbox cable pin-outs or for "OT" power supply unit supplying power to M1. Will need to check FB for original.

DPMON COMMENT: Sun Oct 1 21:38:21 GMT 1995  
Optics runaway. I am poking around behind the DPMON OCP chassis.  
cl

Guider lost tracking due to dome and orographic clouds.  
Stopping to do a bit of troubleshooting.

WEATHER COMMENT: Sun Oct 1 21:43:15 GMT 1995  
In orographic clouds.

DPMON COMMENT: Sun Oct 1 21:56:54 GMT 1995  
"OT" power supply and hand box switches checked out OK.  
Cable OK.

DPMON COMMENT: Sun Oct 1 22:26:49 GMT 1995  
M1 problem most be occurring up near the motor. Will need to  
study old documentation if available before proceeding. M1 is  
part of original system and may not be well documented.

COMMENT: Sun Oct 1 22:29:25 GMT 1995  
No reply from GONG as to what the problem with their instrument might  
be as of this time.

COMMENT: Sun Oct 1 22:39:22 GMT 1995  
Shutting down for the day.

Activity report:  
qp: 25-50; 80; 110-115; 229; 245; 310;  
No coronal activity

Tapes: MKIII: H01130 and H01131  
DPMON: P00460  
LOWL: L00320

Sun Oct 1 22:42:00 GMT 1995: Filemark  
SCAN-LOG

SCAN-LOG 17:11:24. 10/1/95 DOY 274  
H01130 I-drop test, micros A and B swapped

17:18:40	17:21:55	17:25:11	17:28:24	17:31:38
17:34:50	17:38:03	17:41:16	17:44:29	17:47:41
17:50:53	17:54:04	17:57:15		

H01131 Normal coronal data

			18:11:22	18:14:33
18:17:47	18:20:58	18:24:11	18:27:23	1831 0 CL

18:38:26	1842 15CL	18:48:21	18:51:59	18:55:10
18:58:25	19:01:37	19:04:49	19:08:00	19:11:14
19:14:25	19:17:41	19:20:51	19:24:02	19:27:13
19:30:24	19:33:34	19:36:46	19:39:57	19:43:12
19:46:22	19:49:33	19:52:42	19:55:53	19:59:02
20:02:13	20:05:22	20:08:34	20:11:44	20:14:59
20:18:08	20:21:18	20:24:28	20:27:38	20:30:47
20:33:58	20:37:08	20:40:18	20:43:28	20:46:43
20:49:52	20:53:01	20:56:10	20:59:20	21:02:28
21:05:37	21:08:46	21:11:57	21:15:05	21:18:14
21:21:22	21:24:30	21:27:38	21:30:46	21:33:54
21:37:03	21:40:10			

0 ERRORS

OK