

Mauna Loa Solar Observatory Observer's Log

Sat Aug 6 16:39:33 GMT 1994
Year: 94 Doy: 218
Observer: koon

WEATHER COMMENT: Sat Aug 6 16:39:38 GMT 1994
Clear, wind ~10 mph from the southeast, temp ~50 F.

LOW-L COMMENT: Sat Aug 6 16:59:39 GMT 1994
Unloaded L00088 from drive #0 and loaded L00090.

DPMON COMMENT: Sat Aug 6 17:00:15 GMT 1994
I'm trying to get a "Camera:Busy" crash so I can test the new recovery procedure.

Sat Aug 6 17:01:47 GMT 1994: Patrol Start
Sat Aug 6 17:13:02 GMT 1994: Patrol End
Sat Aug 6 17:14:26 GMT 1994: Patrol Start

DPMON COMMENT: Sat Aug 6 17:38:34 GMT 1994
I was able to get a "Camera:Busy" crash, using David's recovery procedure works great! It basically kills the task "Camera" then starts it again and redirects screen output to /dev/null, then loads an exposure of 1 (it probably had a value of 255 which means it was busy therefore the Patrol program wouldn't continue). I tried this before without killing the Camera task but it didn't work. Now we can continue writing to the same tape after the infamous "Camera:Busy" crashes.

MKIII COMMENT: Sat Aug 6 17:45:30 GMT 1994
Doing a calibration of channel 0.

DPMON COMMENT: Sat Aug 6 17:45:51 GMT 1994
Since the weather is nice I'll start focusing the O2A unless some solar activity is detected.

Sat Aug 6 18:00:14 GMT 1994: Calibration
Sat Aug 6 18:29:04 GMT 1994: Patrol End
Sat Aug 6 18:55:06 GMT 1994: Patrol Start

DPMON COMMENT: Sat Aug 6 18:55:07 GMT 1994
Saved examples of current best limb and disk images in data directory as oldlimb and olddisk.
Switched to optimum disk image setup:0.7" LS, 3.85 mm, exp=50 ms.

Sat Aug 6 19:02:21 GMT 1994: Calibration
Sat Aug 6 19:07:00 GMT 1994: Patrol End

DPMON COMMENT: Sat Aug 6 19:07:06 GMT 1994
Exposure switched back to 120 ms. Will now try focusing the O2A and O2B.

COMMENT: Sun Aug 7 00:03:46 GMT 1994

Observer: koon replaced by chu
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DPMON COMMENT: Sun Aug 7 00:04:44 GMT 1994
Tried focusing the O2A and O2B. It was very difficult to see a converging pattern for the disk and limb focus. Duc helped me when he got up here but the seeing got bad and clouds moved in, we'll have to try again earlier in the day with two people.

Have returned O2A and O2B back to initial positions in order to continue data taking.

WEATHER COMMENT: Sun Aug 7 00:30:43 GMT 1994
Will be in and out of orographic clouds on the western horizon for the remainder of the day.

Sun Aug 7 00:33:40 GMT 1994: Patrol Start
Sun Aug 7 01:01:15 GMT 1994: Calibration
Sun Aug 7 01:12:02 GMT 1994: Patrol End

COMMENT: Sun Aug 7 01:12:23 GMT 1994
Have been in thick orographic clouds. Will end patrol and wait for clearing.

COMMENT: Sun Aug 7 01:48:40 GMT 1994
Reconfigured the dome slot, and continuing to wait for a clearing.

COMMENT: Sun Aug 7 02:27:02 GMT 1994
Doesn't look like we will get any more decent images for the day. Will close down.

COMMENT: Sun Aug 7 02:29:05 GMT 1994
Activity Report:
QP: 290-295
AR: 135-140
No Coronal Activity

Tapes:
MKIII: H00815
DPMON: P00127
LOW-L: L00089 running in unit 1

Sun Aug 7 02:36:10 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:56:17. 8/6/94 DOY 218

17:04:17	17:07:30	17:10:47	17:13:59	17:17:12
17:20:24	17:23:37	17:26:48	1745 0 CL	17:50:59
1756 15CL	18:26:28	18:44:15	18:47:26	18:50:44
18:53:54	18:57:03	19:00:13	19:03:22	19:06:30
19:09:41	19:12:50	19:16:04	0:02:35	0:05:43
0:08:51	0:12:02	0:15:10	0:18:19	0:21:26
0:24:35	0:27:43	0:30:51	0:33:59	0:37:08
0:40:16	0:43:25	0:46:32	0:49:40	0:52:48
0:55:57	0:59:05	1:02:14	1:05:21	1:08:31
1:11:39				

0 ERRORS

OK