

Mauna Loa Solar Observatory Observer's Log

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Mon Oct 3 16:48:35 GMT 1994

Year: 94 Doy: 276

Observer: yasukawa

WEATHER COMMENT: Mon Oct 3 16:48:56 GMT 1994

Cool, clear, light southeast breeze. Temp = 48F.

Mon Oct 3 16:54:45 GMT 1994: Patrol Start

MKIII COMMENT: Mon Oct 3 16:54:54 GMT 1994

MKIII looking at wall, standing by.

Mon Oct 3 17:00:56 GMT 1994: Calibration

COMMENT: Mon Oct 3 17:42:19 GMT 1994

Hah! I discovered the mystery of the cursor in the Status Box.

A cursor appears in the Objective button if the pointer happens to be traversing the status window when it becomes active, i.e. when one of the status buttons change, like camera idle to busy.

Mon Oct 3 18:00:57 GMT 1994: Calibration

DPMON COMMENT: Mon Oct 3 18:10:18 GMT 1994

Reconfigured to disc-preferred mode.

DPMON COMMENT: Mon Oct 3 18:32:46 GMT 1994

Restored back to limb-preferred mode.

Mon Oct 3 19:00:58 GMT 1994: Calibration

COMMENT: Mon Oct 3 19:26:29 GMT 1994

Stopping DPMON and MKIII to reconfigure dome shutter.

Mon Oct 3 19:27:01 GMT 1994: Patrol End

Mon Oct 3 19:32:37 GMT 1994: Patrol Start

Mon Oct 3 20:00:03 GMT 1994: Calibration

COMMENT: Mon Oct 3 20:04:36 GMT 1994

Stopping observations to do some tests on setting up to checkout Chan 2 components. This will be just a learning process so that a procedure can be established.

Mon Oct 3 20:39:50 GMT 1994: Patrol Start

MKIII COMMENT: Mon Oct 3 20:46:52 GMT 1994

Opal was in when started back up. Removed opal at this time.

Mon Oct 3 21:01:00 GMT 1994: Calibration

DPMON COMMENT: Mon Oct 3 21:23:48 GMT 1994

Big static zap from my knuckle to OCP. Somebody took off, probably the objective wheel. Reset Plessey. Stopped Patrol, resetting optics via manual control.

DPMON COMMENT: Mon Oct 3 21:38:55 GMT 1994

Occulting wheel was at limit. Moved it off limit with external power supply. Does not respond to commands.

DPMON COMMENT: Mon Oct 3 21:55:59 GMT 1994

Runaway killed the occulting wheel motor driver. Replaced motor driver card with spare card and tested, works OK. Removed card to workbench to troubleshoot and repair, running with spare for now.

Mon Oct 3 22:02:46 GMT 1994: Patrol Start

Mon Oct 3 22:06:17 GMT 1994: Patrol End

Mon Oct 3 22:09:35 GMT 1994: Patrol Start

DPMON COMMENT: Mon Oct 3 22:11:15 GMT 1994

Things were crazy for a while, but I think we're back to normal now. The Daystar was running away for a bit at the previous startup, I thought it was the objective wheel and tried to stop it, that got the camera stuck in busy when I tried to run the camera in manual mode to determine when the objective was in the correct position. Used Clearbusy to unstick that. Running patrol OK now.

Mon Oct 3 23:01:03 GMT 1994: Calibration

COMMENT: Mon Oct 3 23:12:26 GMT 1994

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Koon at the helm  
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Tue Oct 4 00:01:03 GMT 1994: Calibration

WEATHER COMMENT: Tue Oct 4 00:13:18 GMT 1994

Getting occasional orographic clouds.

Tue Oct 4 00:30:03 GMT 1994: Patrol End

WEATHER COMMENT: Tue Oct 4 00:30:06 GMT 1994

Pausing due to clouds

DPMON COMMENT: Tue Oct 4 03:08:52 GMT 1994

I've fixed the uneven illumination through the Daystar filter, it had to be tilted about two orthogonal axes that are perpendicular to the lightpath.

WEATHER COMMENT: Tue Oct 4 03:59:57 GMT 1994

Sundown, closing down.

COMMENT: Tue Oct 4 04:06:50 GMT 1994

Activity report:

QP: 17-25; 48-57; 122-126; 259; 312.

No coronal activity.

TAPES:

MKIII: H00854

DPMON: P00174

LOW-L: L00111 in drive #0, removed L00111 and installed L00113 in drive #0 at end of day.

Tue Oct 4 04:12:45 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:56:37. 10/3/94 DOY 276

17:05:54	17:09:10	17:12:22	17:15:35	17:18:48
17:22:02	17:25:15	17:28:29	17:31:43	17:34:57
17:38:10	17:41:25	17:44:38	17:47:55	17:51:09
17:54:22	17:57:34	18:00:47	18:03:59	18:07:11
18:10:23	1814 0 CL	18:17:18	1821 15CL	18:25:57
18:30:35	18:33:47	18:37:05	18:40:20	18:43:32
18:46:43	18:49:57	18:53:08	18:56:24	18:59:34
19:02:44	19:05:53	19:09:03	19:12:12	19:15:22
19:18:30	19:21:41	19:24:50	19:34:11	19:37:21
19:40:30	19:43:37	19:46:45	19:49:53	19:53:01
19:56:09	19:59:19	20:02:29	20:39:37	20:42:46
20:45:53	20:49:04	20:52:12	20:55:22	20:58:32
21:01:41	21:04:48	21:07:57	21:11:05	21:14:14
21:17:22	21:20:32	21:23:40	21:26:49	21:29:57
21:33:06	21:36:14	21:39:23	21:42:30	21:45:44
21:48:52	21:52:01	21:55:09	21:58:18	22:01:25
22:04:35	22:07:43	22:10:52	22:14:00	22:17:09
22:20:16	22:23:25	22:26:33	22:29:42	22:32:50
22:35:59	22:39:07	22:42:16	22:45:23	22:48:33
22:51:40	22:54:50	22:57:58	23:01:07	23:04:14
23:07:23	23:10:31	23:13:40	23:16:48	23:19:58
23:23:06	23:26:15	23:29:22	23:32:31	23:35:38

23:38:47	23:41:54	23:45:03	23:48:10	23:51:19
23:54:27	23:57:36	0:00:45	0:03:55	0:07:04
0:10:14	0:13:23	0:16:33	0:19:42	0:22:53
0:26:03	0:29:13			

0 ERRORS

OK