

Mauna Loa Solar Observatory Observer's Log

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Tue Oct 4 16:39:10 GMT 1994  
Year: 94 Doy: 277  
Observer: koon

WEATHER COMMENT: Tue Oct 4 16:39:18 GMT 1994  
Mostly clear sky with some scattered cirrus clouds, wind ~5 mph from the southeast, temp ~40 F.

LOW-L COMMENT: Tue Oct 4 16:44:25 GMT 1994  
Started up on tape drive #0 which is the same one it finished a tape on last night, I should have waited until today to change the tape from drive #0 so the logic would work correctly and start writing data on drive #1. To avoid confusion I stopped the program and switched the tapes so the lowest numbered tape would be in drive #0 and therefore it would be the first tape written to. L00112 is in drive #0 and L00113 is in drive #1.

Tue Oct 4 16:50:50 GMT 1994: Patrol Start

WEATHER COMMENT: Tue Oct 4 16:55:26 GMT 1994  
Cirrus visible in data.

Tue Oct 4 17:02:56 GMT 1994: Calibration

DPMON COMMENT: Tue Oct 4 17:14:20 GMT 1994  
Objective wheel is running away, pausing to manually reset.

Tue Oct 4 17:15:22 GMT 1994: Patrol End  
Tue Oct 4 17:27:46 GMT 1994: Patrol Start

DPMON COMMENT: Tue Oct 4 17:27:50 GMT 1994  
Although I eliminated the uneven illumination through the Daystar filter yesterday afternoon it is there this morning. Rotating the bench doesn't affect the illumination gradient on the disk so something is changing as the spar rotates, maybe the coude mirror is at fault. I'll keep an eye on it to see if it will get better soon.

Tue Oct 4 18:01:00 GMT 1994: Calibration

DPMON COMMENT: Tue Oct 4 18:57:36 GMT 1994  
Illumination through the Daystar filter is still uneven, I'll try to make it even for this time of day since this is when we get the best data. Pausing Patrol to work on Daystar and maybe O2A focusing.

DPMON COMMENT: Tue Oct 4 19:50:01 GMT 1994

Daystar fairly evenly illuminated, will start focusing O2A.  
Having lots of problems with optical wheel runaways, have been able to reset them without problems.

WEATHER COMMENT: Tue Oct 4 20:29:46 GMT 1994  
thin cirrostratus has moved in from the west. A tsunami generated by the 8.2 R. earthquake (in Japan) is predicted to hit Kauai about now and should hit the Big Island within 30 minutes. Kona is predicted to be hardest hit, I have a clear view of Kona from here so I'll check it out occasionally.

WEATHER COMMENT: Tue Oct 4 21:54:07 GMT 1994  
Tsunami warning has been cancelled, no big waves have been reported.

WEATHER COMMENT: Wed Oct 5 00:27:31 GMT 1994  
Thick orographic clouds, pausing MKIIII.

COMMENT: Wed Oct 5 01:25:49 GMT 1994  
Activity report:  
QP: 46; 127; 245.  
No coronal activity.

TAPES:  
MKIIII: H00855  
DPMON: P00175  
LOW-L: L00112 in drive #0

Wed Oct 5 01:27:44 GMT 1994: Filemark  
SCAN-LOG

SCAN-LOG 16:50:57. 10/4/94 DOY 277

17:11:45	17:14:58	17:18:12	17:21:25	17:24:40
17:27:53	17:31:08	17:34:21	17:37:36	17:40:49
17:44:04	17:47:17	17:50:31	17:53:44	17:56:58
18:00:10	18:03:24	18:06:36	18:09:50	18:13:02
18:16:15	18:19:27	1823 0 CL	18:26:31	1830 15CL
18:36:53	18:52:28	18:55:42	18:59:03	19:02:14
19:05:27	19:08:38	19:11:51	19:15:02	19:18:14
19:21:25	19:24:38	19:27:49	19:31:01	19:34:12
19:37:24	19:40:35	19:43:47	19:46:58	19:50:10
19:53:21	19:56:33	19:59:44	20:02:56	20:06:07
20:09:22	20:12:32	20:15:44	20:18:53	20:22:04
20:25:14	20:28:24	20:31:34	20:34:44	20:37:54
20:41:04	20:44:13	20:47:23	20:50:32	20:53:42
20:56:51	21:00:00	21:03:09	21:06:19	21:09:27
21:12:38	21:15:47	21:18:57	21:22:06	21:25:16

21:28:25	21:31:35	21:34:44	21:37:54	21:41:02
21:44:11	21:47:20	21:50:29	21:53:38	21:56:48
21:59:57	22:03:07	22:06:16	22:09:26	22:12:35
22:15:45	22:18:53	22:22:02	22:25:11	22:28:21
22:31:29	22:34:39	22:37:47	22:40:56	22:44:04
22:47:13	22:50:20	22:53:29	22:56:36	22:59:45
23:02:54	23:06:03	23:09:11	23:12:21	23:15:28
23:18:38	23:21:46	23:24:55	23:28:03	23:31:13
23:34:21	23:37:31	23:40:41	23:43:50	23:46:59
23:50:08	23:53:16	23:56:26	23:59:35	0:02:45
0:05:54	0:09:04	0:12:13	0:15:23	0:18:32
0:21:42	0:24:50			

0 ERRORS

OK