

Mauna Loa Solar Observatory Observer's Log

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Fri Oct 7 16:47:28 GMT 1994  
Year: 94 Doy: 280  
Observer: koon

WEATHER COMMENT: Fri Oct 7 16:47:40 GMT 1994  
Clear sky, wind ~5 mph from the south, temp ~40 F.

Fri Oct 7 16:55:16 GMT 1994: Patrol Start  
Fri Oct 7 17:02:03 GMT 1994: Calibration

DPMON COMMENT: Fri Oct 7 18:13:55 GMT 1994  
Had a "Camera:Busy" stall, fixed with Clearbusy.

Fri Oct 7 18:14:25 GMT 1994: Calibration

DPMON COMMENT: Fri Oct 7 18:23:42 GMT 1994  
Small EPL in progress at PA=252, RV~1.1

MKIII COMMENT: Fri Oct 7 18:46:21 GMT 1994  
Slight enhancement noticed in last image difference where EPL was, PA=252.

DPMON COMMENT: Fri Oct 7 19:00:55 GMT 1994  
EPL at PA=260, RV=1.1

Fri Oct 7 19:02:07 GMT 1994: Calibration

LOW-L COMMENT: Fri Oct 7 19:16:36 GMT 1994  
removed L00112 from drive#0 and installed L00114.

MKIII COMMENT: Fri Oct 7 19:32:50 GMT 1994  
Slight depletion noticed at sight of the last EPL (PA=260).

Fri Oct 7 20:02:03 GMT 1994: Calibration

DPMON COMMENT: Fri Oct 7 20:39:55 GMT 1994  
Pausing to extend dome slot.  
Switched to optimum disk image setup.

Fri Oct 7 20:46:05 GMT 1994: Patrol Start  
Fri Oct 7 21:01:58 GMT 1994: Calibration  
Fri Oct 7 21:05:08 GMT 1994: Patrol End

DPMON COMMENT: Fri Oct 7 21:05:10 GMT 1994

Paused to do some Daystar filter testing.

Fri Oct 7 21:12:52 GMT 1994: Patrol Start

DPMON COMMENT: Fri Oct 7 21:12:56 GMT 1994  
Started Patrol with disk exposure set high (70 ms) to see where bright spot is.

DPMON COMMENT: Fri Oct 7 21:21:40 GMT 1994  
Paused for Daystar test.

Fri Oct 7 21:21:56 GMT 1994: Patrol End  
Fri Oct 7 23:15:37 GMT 1994: Patrol Start

DPMON COMMENT: Fri Oct 7 23:15:40 GMT 1994  
Restarting patrol with optimum limb setup.  
I found the reason for the change in Daystar vignetting throughout the day.  
As we correct for occulting by moving the O1, the bright spot moves across  
the disk image, probably due to the slight tilt of the O1 as the telescope  
moves about the gimbal. I tried using the occulting corrections while taking  
disk images manually and found the same trend that we see during the day.  
Therefore we have to set the Daystar tilt so that the disk images aren't  
vignetted for a particular time of day, probably the morning when we get the  
best data.

WEATHER COMMENT: Fri Oct 7 23:50:17 GMT 1994  
Orographic clouds have been passing by.

Fri Oct 7 23:51:04 GMT 1994: Patrol End

COMMENT: Fri Oct 7 23:53:02 GMT 1994

COMMENT: Fri Oct 7 23:54:07 GMT 1994  
Activity report:  
QP: 82; 135; 252; 258-270.  
AP: 1823 ut: PA=252, RV=1.1; 1900 ut: PA=260, RV=1.1

TAPES:  
MKIII: H00858  
DPMON: P00178  
LOW-L: L00113 in drive #1.

Fri Oct 7 23:58:09 GMT 1994: Filemark  
SCAN-LOG  
SCAN-LOG 16:56:52. 10/7/94 DOY 280  
17:08:39 17:11:52 17:15:05 17:18:17 17:21:30

17:24:43	17:27:58	17:31:10	17:34:24	17:37:37
17:40:51	17:44:05	17:47:19	17:50:32	17:53:47
17:56:59	18:00:13	18:03:25	18:06:39	18:09:51
18:13:04	18:16:16	18:19:29	18:22:41	18:25:54
18:29:05	18:32:18	18:35:29	19:08:46	19:12:00
19:15:17	19:18:28	19:21:46	19:25:00	19:28:12
19:31:25	19:34:37	19:37:48	19:41:01	19:44:14
19:47:26	19:50:36	19:53:48	19:56:59	20:00:13
20:03:25	20:06:37	20:09:47	20:12:59	20:16:09
20:19:21	20:22:32	20:25:45	20:28:54	20:32:04
20:35:13	20:38:27	20:41:37	20:44:47	20:47:55
20:51:05	20:54:13	20:57:24	21:00:33	21:03:47
21:06:56	21:10:06	21:13:15	21:16:25	21:19:33
21:22:43	21:25:51	21:29:01	21:32:09	21:35:19
21:38:28	21:41:39	21:44:48	21:47:58	21:51:08
21:54:18	21:57:27	22:00:37	22:03:46	22:06:57
22:10:06	22:13:17	22:16:26	22:19:36	22:22:45
22:25:56	22:29:05	22:32:15	22:35:24	22:38:34
22:41:43	22:44:54	22:48:03	22:51:13	22:54:22
22:57:31	23:00:40	23:03:50	23:06:58	23:10:08
23:13:17	23:16:27	23:19:36	23:22:46	23:25:54
23:29:04	23:32:13	23:35:23	23:38:31	23:41:40
23:44:49	23:47:58	23:51:06		

0 ERRORS

OK