

Mauna Loa Solar Observatory Observer's Log

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