

Mauna Loa Solar Observatory Observer's Log

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Wed Aug 17 16:21:57 GMT 1994

Year: 94 Doy: 229

Observer: yasukawa

WEATHER COMMENT: Wed Aug 17 16:22:18 GMT 1994

Cool, in cirrus, light southeast wind. Temp = 45F.

LOW-L COMMENT: Wed Aug 17 16:22:58 GMT 1994

Removed L00093 from unit 0, loaded L0095.

Wed Aug 17 16:28:44 GMT 1994: Patrol Start

Wed Aug 17 17:02:16 GMT 1994: Calibration

MKIII COMMENT: Wed Aug 17 17:25:21 GMT 1994

Starting MKIII, cirrus is thinning out.

COMMENT: Wed Aug 17 17:47:42 GMT 1994

Replaced GONG batteries and charger.

Wed Aug 17 18:02:15 GMT 1994: Calibration

Wed Aug 17 19:02:16 GMT 1994: Calibration

COMMENT: Wed Aug 17 19:29:25 GMT 1994

Reconfigured dome shutter.

MKIII COMMENT: Wed Aug 17 19:29:44 GMT 1994

Forgot to do so earlier because I got busy with other stuff, but I looked into the MKIII barrel from the front and saw that the tilt plates cast a shadow on the first baffle just behind them, but that shadow doesn't appear on the following baffle.

WEATHER COMMENT: Wed Aug 17 19:32:55 GMT 1994

Cirrus is thinning, may get a hole.

WEATHER COMMENT: Wed Aug 17 19:39:48 GMT 1994

Clear

Wed Aug 17 20:02:21 GMT 1994: Calibration

DPMON COMMENT: Wed Aug 17 20:16:06 GMT 1994

Mask placed over west - half of backside of Daystar filter.

DPMON COMMENT: Wed Aug 17 20:21:35 GMT 1994

Revised disc exposure from 120ms to 240ms.

WEATHER COMMENT: Wed Aug 17 20:22:38 GMT 1994

Rats! Back in thin cirrus. I'll finish the vignetting test if the cirrus doesn't get too thick, and repeat it again tomorrow if sky is better.

DPMON COMMENT: Wed Aug 17 20:30:10 GMT 1994

Mask moved to cover top half of Daystar back aperture.  
Exposure 240ms.

DPMON COMMENT: Wed Aug 17 20:33:35 GMT 1994

Mask was not exactly vertical on last series, misjudged the position

when rotated into beam. This top mask series is close to horizontal when rotated into beam.

DPMON COMMENT: Wed Aug 17 20:37:17 GMT 1994  
Revised exposure back to 120ms.

DPMON COMMENT: Wed Aug 17 20:44:34 GMT 1994  
Masked west side again, with mask edge more vertical this time.  
Exposure 120ms

DPMON COMMENT: Wed Aug 17 20:48:35 GMT 1994  
Revised disc exposure to 240 ms.

MKIII COMMENT: Wed Aug 17 20:55:14 GMT 1994  
Tilt-plate shadow looks the same as earlier.

DPMON COMMENT: Wed Aug 17 20:55:38 GMT 1994  
Removed mask. Exposure 240ms.

DPMON COMMENT: Wed Aug 17 20:56:50 GMT 1994  
Revised exposure back to 120ms.

WEATHER COMMENT: Wed Aug 17 20:57:17 GMT 1994  
Still in cirrus, its a little thicker now.

Wed Aug 17 21:02:20 GMT 1994: Calibration

WEATHER COMMENT: Wed Aug 17 21:32:42 GMT 1994  
Cirrus thinned out, but sky is very noisy. Some very thin cirrus may still inhabit this hole.

Wed Aug 17 22:02:16 GMT 1994: Calibration

MKIII COMMENT: Wed Aug 17 22:07:04 GMT 1994  
Looked into barrel for tilt-plate vignetting and shadows still look the same.

WEATHER COMMENT: Wed Aug 17 22:11:52 GMT 1994  
In thicker cirrus again. Orographic clouds are forming all over the station.

Wed Aug 17 22:14:15 GMT 1994: Patrol End

COMMENT: Wed Aug 17 22:14:38 GMT 1994  
Activity report:  
QP: 52; 62; 82;  
No coronal activity

Tapes:

MKIII: H00825  
DPMON: P00137  
LOW-L: L00094 in unit 1  
L00093 removed from unit 0 this morning.

Wed Aug 17 22:17:28 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:29:26. 8/17/94 DOY 229

17:27:52	17:31:03	17:34:15	17:37:26	17:40:38
17:43:48	17:47:00	17:50:10	17:53:22	17:56:33

17:59:45	18:02:55	18:06:05	18:09:14	18:12:24
18:15:32	18:18:41	18:21:49	18:24:58	18:28:07
18:31:16	18:34:24	18:37:33	18:40:41	18:43:49
18:46:56	18:50:05	18:53:12	18:56:21	18:59:28
19:02:37	19:05:44	19:08:53	19:12:00	19:15:09
19:18:16	19:21:25	19:24:32	19:27:41	19:30:49
19:33:58	19:37:06	19:40:16	19:43:24	1947 0 CL
19:50:53	1955 15CL	19:59:27	20:02:57	20:06:05
20:09:15	20:12:23	20:15:32	20:18:42	20:21:51
20:25:00	20:28:10	20:31:18	20:34:28	20:37:36
20:40:46	20:43:54	20:47:03	20:50:11	20:53:21
20:56:29	20:59:38	21:02:46	21:05:56	21:09:04
21:12:13	21:15:21	21:18:30	21:21:38	21:24:49
21:27:57	21:31:07	21:34:15	21:37:25	21:40:35
21:43:44	21:46:52	21:50:02	21:53:11	21:56:20
21:59:28	22:02:37	22:05:44	22:08:53	22:12:01

0 ERRORS

OK