

Mauna Loa Solar Observatory Observer's Log

Thu Sep 8 16:39:52 GMT 1994

Year: 94 Doy: 251

Observer: yasukawa

WEATHER COMMENT: Thu Sep 8 16:40:11 GMT 1994

In broken cirrus and scattered altocumulus, cool, moderate south wind.

Temp. = 46F.

Thu Sep 8 16:48:00 GMT 1994: Patrol Start

MKIII COMMENT: Thu Sep 8 16:59:06 GMT 1994

Having problems loading tape into Exabyte. Working on it.

Cleaned headss.

Thu Sep 8 17:00:58 GMT 1994: Calibration

MKIII COMMENT: Thu Sep 8 17:05:03 GMT 1994

Was bad tape. Manually removed it and discarded, cycled Exabyte drive power, and loaded a new tape. Functioned OK.

COMMENT: Thu Sep 8 17:23:14 GMT 1994

Dumping HISTORY plots, 1/2 rotations #18 and 19 (DOY 222-249) for Fisher data request.

Thu Sep 8 18:01:01 GMT 1994: Calibration

Thu Sep 8 18:30:07 GMT 1994: Patrol End

DPMON COMMENT: Thu Sep 8 18:30:21 GMT 1994

I think aperture wheel crashed. Restarting after manual setup.

Thu Sep 8 18:31:50 GMT 1994: Patrol Start

WEATHER COMMENT: Thu Sep 8 18:33:56 GMT 1994

Relatively clear hole.

Thu Sep 8 19:02:00 GMT 1994: Calibration

DPMON COMMENT: Thu Sep 8 19:11:16 GMT 1994

Reconfigured to disc-preferred mode.

Thu Sep 8 19:32:02 GMT 1994: Patrol End

DPMON COMMENT: Thu Sep 8 19:33:03 GMT 1994

Restoring limb-preferred mode, during dome reconfiguration.

Thu Sep 8 19:38:12 GMT 1994: Patrol Start

MKIII COMMENT: Thu Sep 8 19:38:55 GMT 1994

Stopping mkiiii

MKIII COMMENT: Thu Sep 8 19:45:25 GMT 1994

There was a large smudge on O1 and a slight haze overall. Performed a temporary Alcopad cleaning of the front surface, lens tissue wipe, and brush-off. Restarting observations.

MKIII COMMENT: Thu Sep 8 19:59:27 GMT 1994

Coronal scan is noisy at the same spot in the NW. Stopping tape and inspecting O1 again.

MKIII COMMENT: Thu Sep 8 20:07:26 GMT 1994

Re-wiped frontsurface and brushed off.

MKIII COMMENT: Thu Sep 8 20:13:41 GMT 1994
Polarization appearing at NW and SE nodes. Re-doing O1 to see if conditions change.

MKIII COMMENT: Thu Sep 8 20:34:11 GMT 1994
Trying this. Some faint streaks hard to remove. Overall, lens looks good.

MKIII COMMENT: Thu Sep 8 20:40:41 GMT 1994
Sky noisy but coronal scans look good this time. Noise patterns not retracing themselves like they were previously.

Thu Sep 8 21:00:01 GMT 1994: Calibration

MKIII COMMENT: Thu Sep 8 21:12:08 GMT 1994
VDIFF between before and after cleaning revealed some differences in the NW quadrant. Did not do a VDIFF before cleaning so CME might be a small possibility.

WEATHER COMMENT: Thu Sep 8 21:38:19 GMT 1994
In thin cirrus.

Thu Sep 8 21:53:01 GMT 1994: Patrol End
Thu Sep 8 22:01:09 GMT 1994: Patrol Start

DPMON COMMENT: Thu Sep 8 22:01:11 GMT 1994
Changed occulting disc from 1931 to 1941 (larger).

COMMENT: Thu Sep 8 22:13:56 GMT 1994

Chu taking over obs from Yasukawa

WEATHER COMMENT: Thu Sep 8 22:48:33 GMT 1994
Scattered regions of cirrus now coming into FOV from West.

Thu Sep 8 23:01:58 GMT 1994: Calibration
Fri Sep 9 00:01:57 GMT 1994: Calibration

WEATHER COMMENT: Fri Sep 9 00:44:22 GMT 1994
Orographic clouds rising up from West passing through FOV now. Cirrus still lingering above orographic clouds.

Fri Sep 9 01:01:54 GMT 1994: Calibration

COMMENT: Fri Sep 9 01:57:06 GMT 1994
Reconfigured the dome slot while instruments pointing towards a thick orographic cloud.

Fri Sep 9 02:01:56 GMT 1994: Calibration
Fri Sep 9 03:01:56 GMT 1994: Calibration

COMMENT: Fri Sep 9 03:28:05 GMT 1994
No good coronal or dpmom limb images since before 00:00UT. Combination of cirrus and orographic clouds is the cause. PAU.

Fri Sep 9 03:31:13 GMT 1994: Patrol End

COMMENT: Fri Sep 9 03:31:33 GMT 1994
Activity Report:

QP: 140; 223; 267; 290; 297.
Possible Coronal Enhancement in NW at 21:12UT.

Tapes:

MKIII: H00836
DPMON: P00154
LOW-L: L00103 running in unit 0

Fri Sep 9 03:32:11 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:47:40. 9/8/94 DOY 251

17:14:51	17:18:05	17:21:20	17:24:32	17:27:48
17:31:02	17:34:15	17:37:28	17:40:41	17:43:53
17:47:06	17:50:18	17:53:30	17:56:42	17:59:55
18:03:06	18:06:17	18:09:28	18:12:39	18:15:49
18:19:00	18:22:09	18:25:19	18:28:29	18:31:40
18:34:51	18:38:03	18:41:13	18:44:24	18:47:33
1851 0 CL	18:54:22	1858 15CL	19:04:05	19:07:37
19:10:45	19:13:57	19:17:05	19:20:15	19:23:23
19:26:35	19:29:43	19:32:52	19:36:00	19:48:20
19:51:30	19:54:39	19:57:50	20:10:10	20:34:46
20:37:55	20:41:05	20:44:14	20:47:23	20:50:33
20:53:46	20:56:55	21:00:05	21:03:13	21:06:27
21:09:35	21:12:44	21:15:52	21:19:01	21:22:09
21:25:18	21:28:26	21:31:35	21:34:43	21:37:54
21:41:04	21:44:13	21:47:20	21:50:30	21:53:38
21:56:48	21:59:55	22:03:05	22:06:13	22:09:22
22:12:30	22:15:39	22:18:47	22:21:57	22:25:05
22:28:14	22:31:22	22:34:31	22:37:39	22:40:48
22:43:57	22:47:07	22:50:15	22:53:24	22:56:32
22:59:41	23:02:48	23:05:58	23:09:07	23:12:18
23:15:28	23:18:43	23:21:54	23:25:05	23:28:16
23:31:26	23:34:35	23:37:46	23:40:55	23:44:05
23:47:14	23:50:24	23:53:32	23:56:41	23:59:49
0:02:59	0:06:07	0:09:18	0:12:26	0:15:34
0:18:42	0:21:51	0:24:59	0:28:10	0:31:17
0:34:27	0:37:35	0:40:49	0:43:57	0:47:06
0:50:14	0:53:23	0:56:31	0:59:40	1:02:48
1:05:57	1:09:06	1:12:15	1:15:24	1:18:33
1:21:42	1:24:51	1:28:00	1:31:09	1:34:18
1:37:27	1:40:36	1:43:45	1:46:54	1:50:03
1:53:12	1:56:21	1:59:30	2:02:39	2:05:48
2:08:58	2:12:06	2:15:16	2:18:25	2:21:35
2:24:43	2:27:53	2:31:02	2:34:12	2:37:20
2:40:30	2:43:39	2:46:48	2:49:57	2:53:06
2:56:14	2:59:23	3:02:31	3:05:40	3:08:47
3:11:57	3:15:05	3:18:15	3:21:24	3:24:34
3:27:43				

0 ERRORS

OK