
Mauna Loa Solar Observatory Observer's Log

Mon Nov 25 17:14:02 GMT 1996

Year: 96 Doy: 330

Observer: koon

WEATHER COMMENT: Mon Nov 25 17:14:07 GMT 1996

Scattered cirrus, wind=10 mph from the SSE, temp=43 F.

Mon Nov 25 17:19:04 GMT 1996 dPMon Start Patrol

Mon Nov 25 17:19:16 GMT 1996 CHIP CHIP Start Patrol

WEATHER COMMENT: Mon Nov 25 17:21:51 GMT 1996

Although the sun is obscured by clouds right now I started observations with dPMon and CHIP because there some holes in the clouds.

MKIII COMMENT: Mon Nov 25 17:42:46 GMT 1996

Starting data collection.

WEATHER COMMENT: Mon Nov 25 17:43:01 GMT 1996

Clouds have cleared for now.

Mon Nov 25 18:02:00 GMT 1996 dPMon Flat

Mon Nov 25 18:02:45 GMT 1996 CHIP Bias

Mon Nov 25 18:02:55 GMT 1996 dPMon End Flat

Mon Nov 25 18:03:48 GMT 1996 CHIP End Bias

Mon Nov 25 18:03:59 GMT 1996 CHIP Water

Mon Nov 25 18:04:39 GMT 1996 CHIP End Water

Mon Nov 25 19:00:34 GMT 1996 CHIP Bias

LOW-L COMMENT: Mon Nov 25 18:07:20 GMT 1996

Removed L00427 from drive #0. Program wouldn't recognize that the spare drive was hooked up as drive #1 (temporarily while regular drive #1 gets fixed), so it didn't write any data to that drive. I used the drive switch and display to define it as unit #1 but still data wasn't being written. Moved L00428 from drive #1 to drive #0. We will just use drive #0 for now and change the tape when it has 70 or more files on it.

Mon Nov 25 19:01:57 GMT 1996 dPMon Flat

Mon Nov 25 19:02:33 GMT 1996 CHIP CHIP Start Patrol

CHIP COMMENT: Mon Nov 25 19:01:51 GMT 1996

Stalled with Program:FixCenter, used Kill/Run to restart it.

Mon Nov 25 19:02:50 GMT 1996 dPMon End Flat

Mon Nov 25 20:01:56 GMT 1996 dPMon Flat

Mon Nov 25 20:02:49 GMT 1996 dPMon End Flat

Mon Nov 25 20:03:46 GMT 1996 CHIP Gain

Mon Nov 25 20:08:10 GMT 1996 CHIP End Gain

Mon Nov 25 20:08:20 GMT 1996 CHIP Bias

Mon Nov 25 20:09:02 GMT 1996 CHIP End Bias

Mon Nov 25 20:09:13 GMT 1996 CHIP Water

Mon Nov 25 20:09:42 GMT 1996 CHIP End Water

Mon Nov 25 20:53:50 GMT 1996 dPMon End Patrol

DPMON COMMENT: Mon Nov 25 20:53:52 GMT 1996

Pausing to change to a larger occulting disk.

Mon Nov 25 20:59:40 GMT 1996 dPMon Start Patrol

Mon Nov 25 21:00:28 GMT 1996 dPMon Flat

Mon Nov 25 21:01:22 GMT 1996 dPMon End Flat

Mon Nov 25 21:01:48 GMT 1996 CHIP Bias

Mon Nov 25 21:03:03 GMT 1996 CHIP End Bias

Mon Nov 25 21:03:14 GMT 1996 CHIP Water

Mon Nov 25 21:03:53 GMT 1996 CHIP End Water

DPMON COMMENT: Mon Nov 25 21:05:22 GMT 1996

Occulting disk is now 1991" (was 1981").

MKIII COMMENT: Mon Nov 25 21:11:35 GMT 1996

Data look very noisy, lots of radial streaks. Wind from the West might have been blowing in a lot of dust, wind is now from the NE so maybe data will improve.

CHIP COMMENT: Mon Nov 25 21:13:13 GMT 1996

Last hour and this hour the Display image doesn't look very good, as if I can't set a proper Display Gain. I thought it might have been caused by a bad calibration but after the last calibration it still looks weird.

Mon Nov 25 21:17:00 GMT 1996 dPMon End Patrol

COMMENT: Mon Nov 25 21:17:05 GMT 1996

Pausing instruments and closing the dome while Eric and Michael drive up

alongside the observatory, to keep dust out.

Mon Nov 25 21:19:48 GMT 1996 CHIP CHIP End Patrol
Mon Nov 25 21:21:34 GMT 1996 dPMon Start Patrol
Mon Nov 25 21:21:45 GMT 1996 CHIP CHIP Start Patrol

COMMENT: Mon Nov 25 21:21:35 GMT 1996

It looks like they won't be driving up so I opened the dome and restarted the instruments.

WEATHER COMMENT: Mon Nov 25 21:22:10 GMT 1996

Orographic clouds approaching from the West.

Mon Nov 25 22:01:00 GMT 1996 dPMon Flat
Mon Nov 25 22:01:46 GMT 1996 CHIP Bias
Mon Nov 25 22:01:51 GMT 1996 dPMon End Flat
Mon Nov 25 22:02:55 GMT 1996 CHIP End Bias
Mon Nov 25 22:03:05 GMT 1996 CHIP Water
Mon Nov 25 22:03:45 GMT 1996 CHIP End Water

WEATHER COMMENT: Mon Nov 25 22:29:46 GMT 1996

In thin, structured cirrus.

Mon Nov 25 23:00:59 GMT 1996 dPMon Flat
Mon Nov 25 23:01:46 GMT 1996 CHIP Bias
Mon Nov 25 23:01:51 GMT 1996 dPMon End Flat
Mon Nov 25 23:02:53 GMT 1996 CHIP End Bias
Mon Nov 25 23:03:03 GMT 1996 CHIP Water
Mon Nov 25 23:03:39 GMT 1996 CHIP End Water
Mon Nov 25 23:11:03 GMT 1996 dPMon End Patrol
Mon Nov 25 23:12:34 GMT 1996 CHIP CHIP End Patrol
Mon Nov 25 23:23:58 GMT 1996 CHIP ending tape

COMMENT: Mon Nov 25 23:11:23 GMT 1996

Activity report:

QP: 58; 215-230; 245; 252-267; 305-320.

No coronal activity.

TAPES:

MKIII: H01440

DPMON: P00766

CHIP: C00183

LOWL: L00428 in drive #0

SCAN-LOG

SCAN-LOG 17:19:53. 11/25/96 DOY 330

17:44:07	17:47:23	17:50:38	17:53:56	17:57:11
18:00:27	1810 0 CL	18:14:44	1819 15CL	18:48:48
18:52:40	18:55:57	18:59:13	19:02:29	19:05:46
19:09:02	19:12:20	19:15:37	19:18:55	19:22:12
19:25:30	19:28:47	19:32:05	19:35:26	19:38:45
19:42:03	19:45:21	19:48:38	19:51:58	19:55:15
19:58:33	20:01:50	20:05:09	20:08:26	20:11:45
20:15:03	20:18:22	20:21:40	20:25:00	20:28:18
20:31:37	20:34:54	20:38:19	20:41:38	20:45:04
20:48:22	20:51:42	20:55:02	20:58:21	21:01:39
21:04:59	21:08:17	21:11:37	21:14:55	21:18:14
21:21:32	21:24:52	21:28:11	21:31:31	21:34:49
21:38:13	21:41:32	21:44:51	21:48:08	21:51:27
21:54:45	21:58:04	22:01:23	22:04:43	22:08:01
22:11:22	22:14:40	22:18:00	22:21:18	22:24:38
22:27:56	22:31:16	22:34:35	22:37:54	22:41:12
22:44:32	22:47:50	22:51:09	22:54:27	22:57:46
23:01:04	23:04:23	23:07:41		

0 ERRORS

OK