
Mauna Loa Solar Observatory Observer's Log

Sat Dec 14 17:21:54 GMT 1996

Year: 96 Doy: 349

Observer: koon

WEATHER COMMENT: Sat Dec 14 17:21:58 GMT 1996

Clear sky, wind=30+ mph from the SW, temp=38 F.

Sat Dec 14 17:26:15 GMT 1996 CHIP Startup--Initializing new tape

Sat Dec 14 17:26:25 GMT 1996 dPMon Start Patrol

Sat Dec 14 17:26:46 GMT 1996 CHIP CHIP Start Patrol

LOW-L COMMENT: Sat Dec 14 17:38:52 GMT 1996

Stopped program, removed L00430 and installed L00431 in drive #0. Also cleaned the tape drive.

Sat Dec 14 18:02:55 GMT 1996 dPMon Flat

Sat Dec 14 18:03:49 GMT 1996 dPMon End Flat

Sat Dec 14 18:03:45 GMT 1996 CHIP Bias

Sat Dec 14 18:04:39 GMT 1996 CHIP End Bias

Sat Dec 14 18:04:49 GMT 1996 CHIP Water

Sat Dec 14 18:05:22 GMT 1996 CHIP End Water

CHIP COMMENT: Sat Dec 14 18:30:25 GMT 1996

Images looked blurred as if drifting E-W direction. Didn't clear up after the cal at 1800. Stopping Patrol and will try a Kill/Run to see if images improve.

Sat Dec 14 18:32:43 GMT 1996 CHIP CHIP End Patrol

Sat Dec 14 18:36:51 GMT 1996 CHIP CHIP Start Patrol

Sat Dec 14 19:02:49 GMT 1996 CHIP Bias

Sat Dec 14 19:02:58 GMT 1996 dPMon Flat

Sat Dec 14 19:03:51 GMT 1996 dPMon End Flat

Sat Dec 14 19:03:53 GMT 1996 CHIP End Bias

Sat Dec 14 19:04:03 GMT 1996 CHIP Water

Sat Dec 14 19:04:38 GMT 1996 CHIP End Water

COMMENT: Sat Dec 14 19:51:51 GMT 1996

Just gave a tour to an amateur radio club from Waiakea High school.

DPMON COMMENT: Sat Dec 14 20:01:36 GMT 1996

Dome was blocking sun, repointed it.

Sat Dec 14 20:02:49 GMT 1996 CHIP Gain

Sat Dec 14 20:03:04 GMT 1996 dPMon Flat

Sat Dec 14 20:04:02 GMT 1996 dPMon End Flat

Sat Dec 14 20:07:16 GMT 1996 CHIP End Gain

Sat Dec 14 20:07:27 GMT 1996 CHIP Bias

Sat Dec 14 20:08:09 GMT 1996 CHIP End Bias

Sat Dec 14 20:08:18 GMT 1996 CHIP Water

Sat Dec 14 20:08:45 GMT 1996 CHIP End Water

CHIP COMMENT: Sat Dec 14 20:30:36 GMT 1996

The images still look blurred despite the cals and Kill/Run cycle. There is a large filament at disk center, maybe this is causing a problem. To check whether the problem is caused by FixCenter I have changed to Manual micrometer mode.

Sat Dec 14 21:02:59 GMT 1996 dPMon Flat
 Sat Dec 14 21:03:52 GMT 1996 dPMon End Flat
 Sat Dec 14 21:03:51 GMT 1996 CHIP Bias
 Sat Dec 14 21:05:03 GMT 1996 CHIP End Bias
 Sat Dec 14 21:05:12 GMT 1996 CHIP Water
 Sat Dec 14 21:05:51 GMT 1996 CHIP End Water
 CHIP COMMENT: Sat Dec 14 21:33:01 GMT 1996
 Images still look blurred E-W, switched back to Auto micrometer mode.
 Sat Dec 14 22:01:48 GMT 1996 CHIP Bias
 Sat Dec 14 22:03:01 GMT 1996 dPMon Flat
 Sat Dec 14 22:02:59 GMT 1996 CHIP End Bias
 Sat Dec 14 22:03:07 GMT 1996 CHIP Water
 Sat Dec 14 22:03:46 GMT 1996 CHIP End Water
 Sat Dec 14 22:03:55 GMT 1996 dPMon End Flat
 Sat Dec 14 23:01:47 GMT 1996 CHIP Bias
 Sat Dec 14 23:03:05 GMT 1996 dPMon Flat
 Sat Dec 14 23:03:02 GMT 1996 CHIP End Bias
 Sat Dec 14 23:03:11 GMT 1996 CHIP Water
 Sat Dec 14 23:03:53 GMT 1996 CHIP End Water
 Sat Dec 14 23:03:59 GMT 1996 dPMon End Flat
 WEATHER COMMENT: Sat Dec 14 23:05:33 GMT 1996
 Orographic clouds starting to pass over.
 Sat Dec 14 23:06:02 GMT 1996 dPMon End Patrol
 Sat Dec 14 23:07:53 GMT 1996 CHIP CHIP End Patrol
 Sat Dec 14 23:09:33 GMT 1996 CHIP ending tape
 COMMENT: Sat Dec 14 23:09:42 GMT 1996
 Activity report:
 QP: 45; 67-83; 108; 127; 240.
 No coronal activity.

TAPES:

MKIII: H01451
 DPMON: P00779
 CHIP: C00196
 LOWL: L00431 in drive #0

SCAN-LOG

SCAN-LOG 17:27:05. 12/14/96 DOY 349
 17:47:20 17:50:33 17:53:47 17:57:00 18:00:15
 18:03:29 18:06:44 18:09:58 18:13:14 18:16:28
 18:19:44 18:22:58 1827 0 CL 18:30:12 1834 15CL
 18:40:39 18:46:50 18:50:06 18:53:25 18:56:41
 19:00:03 19:03:18 19:06:35 19:09:51 19:13:08
 19:16:23 19:19:41 19:22:58 19:26:15 19:29:31
 19:32:48 19:36:05 19:39:22 19:42:40 19:45:58
 19:49:14 19:52:32 19:55:48 19:59:06 20:02:22
 20:05:41 20:08:57 20:12:15 20:15:31 20:18:49
 20:22:07 20:25:31 20:28:47 20:32:05 20:35:21

20:38:39	20:41:56	20:45:19	20:48:34	20:51:50
20:55:05	20:58:21	21:01:35	21:04:56	21:08:13
21:11:28	21:14:42	21:17:57	21:21:11	21:24:26
21:27:39	21:30:54	21:34:08	21:37:29	21:40:45
21:44:06	21:47:21	21:50:36	21:53:49	21:57:04
22:00:17	22:03:32	22:06:46	22:10:00	22:13:12
22:16:26	22:19:38	22:22:53	22:26:06	22:29:20
22:32:33	22:35:47	22:38:59	22:42:13	22:45:26
22:48:40	22:51:52	22:55:06	22:58:19	23:01:39
23:04:54				

0 ERRORS

OK