
Mauna Loa Solar Observatory Observer's Log

Thu Dec 5 17:04:41 GMT 1996

Year: 96 Doy: 340

Observer: yasukawa

Thu Dec 5 17:04:44 GMT 1996 CHIP Startup--Initializing new tape

WEATHER COMMENT: Thu Dec 5 17:04:48 GMT 1996

Cold, clear, strong southeast wind.

Thu Dec 5 17:14:17 GMT 1996 CHIP CHIP Start Patrol

Thu Dec 5 17:16:56 GMT 1996 dPMon Start Patrol

DPMON COMMENT: Thu Dec 5 17:24:41 GMT 1996

Wind is buffeting spar, difficult to keep image occulted.

Thu Dec 5 18:01:58 GMT 1996 dPMon Flat

Thu Dec 5 18:02:52 GMT 1996 dPMon End Flat

Thu Dec 5 18:03:50 GMT 1996 CHIP Bias

Thu Dec 5 18:04:58 GMT 1996 CHIP End Bias

Thu Dec 5 18:05:09 GMT 1996 CHIP Water

Thu Dec 5 18:05:46 GMT 1996 CHIP End Water

Thu Dec 5 19:01:54 GMT 1996 dPMon Flat

Thu Dec 5 19:02:47 GMT 1996 dPMon End Flat

Thu Dec 5 19:03:51 GMT 1996 CHIP Bias

Thu Dec 5 19:04:51 GMT 1996 CHIP End Bias

Thu Dec 5 19:04:58 GMT 1996 CHIP Water

Thu Dec 5 19:05:33 GMT 1996 CHIP End Water

MKIII COMMENT: Thu Dec 5 19:35:17 GMT 1996

Stopping MKIII to do some work on chan1 alignment.

Thu Dec 5 20:02:00 GMT 1996 dPMon Flat

Thu Dec 5 20:02:54 GMT 1996 dPMon End Flat

Thu Dec 5 20:03:45 GMT 1996 CHIP Gain

Thu Dec 5 20:08:13 GMT 1996 CHIP End Gain

Thu Dec 5 20:08:22 GMT 1996 CHIP Bias

Thu Dec 5 20:09:04 GMT 1996 CHIP End Bias

Thu Dec 5 20:09:13 GMT 1996 CHIP Water

Thu Dec 5 20:09:42 GMT 1996 CHIP End Water

Thu Dec 5 21:01:49 GMT 1996 CHIP Bias

Thu Dec 5 21:01:57 GMT 1996 dPMon Flat

Thu Dec 5 21:02:51 GMT 1996 dPMon End Flat

Thu Dec 5 21:02:50 GMT 1996 CHIP End Bias

Thu Dec 5 21:02:59 GMT 1996 CHIP Water

Thu Dec 5 21:03:38 GMT 1996 CHIP End Water

MKIII COMMENT: Thu Dec 5 21:50:05 GMT 1996

Reassembled chan 1. alignment is not good.

Testing system to assure that I didn't create any other problems.

Thu Dec 5 22:01:47 GMT 1996 CHIP Bias

Thu Dec 5 22:02:06 GMT 1996 dPMon Flat

Thu Dec 5 22:02:52 GMT 1996 CHIP End Bias

Thu Dec 5 22:03:00 GMT 1996 CHIP Water

Thu Dec 5 22:03:05 GMT 1996 dPMon End Flat
Thu Dec 5 22:03:38 GMT 1996 CHIP End Water
Thu Dec 5 22:12:50 GMT 1996 dPMon End Patrol
MKIII COMMENT: Thu Dec 5 22:14:13 GMT 1996
MKIII slightly domed out.
Thu Dec 5 22:15:34 GMT 1996 CHIP CHIP End Patrol
Thu Dec 5 22:16:06 GMT 1996 CHIP ending tape
COMMENT: Thu Dec 5 22:16:12 GMT 1996
Activity report:
QP: 40; 98; 105-113; 130; 220-235; 252; 300-316;
No coronal activity

Tapes: MKIII: H1446
DPMON: P00773
CHIP: C00190
LOWL: L00429

MKIII COMMENT: Thu Dec 5 22:18:32 GMT 1996
I tried more alignment checking on channel 1. I inserted the lucite target and looked at the image with the filter taken out. The slit image looked rotated a bit CCW from what looked vertical. Tried rotating the detector to that approximate alignment but got the same sort of waveforms. I tried swapping the P detector with another unit, (#6) and after balancing and adjusting the offset for that detector, I got the same sort of waveform. I have come to the conclusion that there is no problem with the detector as I suspected at one time. There must be an alignment problem in the optics somewhere.

SCAN-LOG

SCAN-LOG 17:14:55. 12/5/96 DOY 340

17:36:19	17:39:33	17:42:48	17:46:02	17:49:16
17:52:30	17:55:45	17:58:58	1803 0 CL	18:06:38
1810 15CL	18:14:55	18:18:33	18:21:48	18:25:09
18:28:25	18:31:41	18:34:58	18:38:15	18:41:32
18:44:49	18:48:04	18:51:20	18:54:36	18:57:52
19:01:07	19:04:25	19:07:41	19:11:02	19:14:18
19:17:34	19:20:50	19:24:07	19:27:22	19:30:40
21:50:55	21:54:12	21:57:27	22:00:43	22:03:59
22:07:14	22:10:28	22:13:43		

0 ERRORS

OK