
Mauna Loa Solar Observatory Observer's Log

Fri Feb 12 17:06:08 GMT 1999

Year: 99 Doy: 043

Observer: yasukawa

WEATHER COMMENT: Fri Feb 12 17:07:05 GMT 1999

Cold, clear, light south breeze.

Fri Feb 12 17:15:54 GMT 1999 CHIP Startup--Initializing new tape

Fri Feb 12 17:21:43 GMT 1999 MKIII Start Patrol

Fri Feb 12 17:21:49 GMT 1999 CHIP CHIP Start Patrol

MKIV PROBLEM: Fri Feb 12 17:43:04 GMT 1999

MKIV images are very streaky, like normal first image.

Resetting KCC after stopping.

LOW-L PROBLEM: Fri Feb 12 17:45:54 GMT 1999

LOWL stalled at 1733, in frame grab mode, 11 files on L00579.

Fri Feb 12 17:47:36 GMT 1999 MKIII End Patrol

Fri Feb 12 17:50:22 GMT 1999 MKIII Start Patrol

MKIV PROBLEM: Fri Feb 12 17:52:16 GMT 1999

OK, scans look normal

LOW-L PROBLEM: Fri Feb 12 17:52:28 GMT 1999

Changed tapes. L00579 unloaded, L00580 loaded into drive 0, L00581

loaded into drive 1. Warm reboot, set time, date OK.

Running OK now.

Fri Feb 12 18:00:52 GMT 1999 CHIP Bias

Fri Feb 12 18:01:52 GMT 1999 CHIP End Bias

Fri Feb 12 18:02:02 GMT 1999 CHIP Water

Fri Feb 12 18:02:41 GMT 1999 CHIP End Water

MKIII PROBLEM: Fri Feb 12 18:14:39 GMT 1999

Now MKIII images are streaky. Resetting KCC again after stopping.

Fri Feb 12 18:16:44 GMT 1999 MKIII End Patrol

Fri Feb 12 18:24:00 GMT 1999 MKIII Start Patrol

WEATHER COMMENT: Fri Feb 12 18:24:15 GMT 1999

Cloud bank approaching from east.

MKIII PROBLEM: Fri Feb 12 18:32:21 GMT 1999

MKIII still streaky. Checked P-S signal and it is very noisy. I will try resetting microprocessor before checking analog.

MKIII PROBLEM: Fri Feb 12 18:41:39 GMT 1999

Connections are good for analog stuff. I think I will cycle power to KCC rather than just reset it.

COMMENT: Fri Feb 12 18:43:24 GMT 1999

Jarred spar while checking DCSB connections. Repointed.

Fri Feb 12 18:46:36 GMT 1999 MKIII Start Patrol

MKIII PROBLEM: Fri Feb 12 18:48:27 GMT 1999

MKIII still noisy.

MKIII PROBLEM: Fri Feb 12 18:50:02 GMT 1999

P_S quieted down all by itself and coronal image came back.

Quiescence was brief, noise returned.

Fri Feb 12 19:00:40 GMT 1999 MKIII End Patrol
Fri Feb 12 19:00:59 GMT 1999 CHIP Bias
Fri Feb 12 19:01:57 GMT 1999 CHIP End Bias
Fri Feb 12 19:02:07 GMT 1999 CHIP Water
Fri Feb 12 19:02:45 GMT 1999 CHIP End Water
Fri Feb 12 19:05:55 GMT 1999 MKIII Start Patrol
MKIII PROBLEM:
Checked out analog and found both P-S and PGA signals to be very noisy.
There seemed to be a noisy DC bias superimposing itself on the normal waveform. Did some board swapping in the DCSB and got a quiet signal when I swapped AN2 #4 for AN2 #1. Marked AN2 board #1 BAD.

Both MKIV and MKIII images look good now.

Fri Feb 12 19:31:45 GMT 1999 MKIII Start Cal
Fri Feb 12 19:51:58 GMT 1999 MKIII Start Patrol
Fri Feb 12 20:02:47 GMT 1999 CHIP Gain
Fri Feb 12 20:07:19 GMT 1999 CHIP End Gain
Fri Feb 12 20:07:29 GMT 1999 CHIP Bias
Fri Feb 12 20:08:18 GMT 1999 CHIP End Bias
Fri Feb 12 20:08:32 GMT 1999 CHIP Water
Fri Feb 12 20:09:12 GMT 1999 CHIP End Water

WEATHER COMMENT: Fri Feb 12 20:43:39 GMT 1999

In orographic clouds.

Fri Feb 12 21:00:51 GMT 1999 CHIP Bias
Fri Feb 12 21:01:43 GMT 1999 CHIP End Bias
Fri Feb 12 21:01:52 GMT 1999 CHIP Water
Fri Feb 12 21:02:31 GMT 1999 CHIP End Water

COMMENT: Fri Feb 12 21:25:45 GMT 1999

TAPES:

MKIV: 99-043

CHIP: C00781

LOWL: L00580

Fri Feb 12 21:26:37 GMT 1999 CHIP CHIP End Patrol
Fri Feb 12 21:27:04 GMT 1999 CHIP ending tape
Fri Feb 12 21:28:47 GMT 1999 MKIII End Patrol
Fri Feb 12 21:30:25 GMT 1999

MkIII

17_21.rawmk3	18_10.rawmk3	19_12.rawmk3	20_08.rawmk3	20_53.rawmk3
17_25.rawmk3	18_13.rawmk3	19_15.rawmk3	20_11.rawmk3	20_56.rawmk3
17_28.rawmk3	18_24.rawmk3	19_18.rawmk3	20_14.rawmk3	20_59.rawmk3
17_31.rawmk3	18_27.rawmk3	19_22.rawmk3	20_17.rawmk3	21_03.rawmk3
17_34.rawmk3	18_30.rawmk3	19_25.rawmk3	20_21.rawmk3	21_06.rawmk3
17_38.rawmk3	18_33.rawmk3	19_28.rawmk3	20_24.rawmk3	21_09.rawmk3
17_41.rawmk3	18_37.rawmk3	19_35.rawmk3	20_27.rawmk3	21_12.rawmk3
17_44.rawmk3	18_40.rawmk3	19_41.rawmk3	20_30.rawmk3	21_16.rawmk3
17_50.rawmk3	18_47.rawmk3	19_48.rawmk3	20_34.rawmk3	21_19.rawmk3
17_54.rawmk3	18_51.rawmk3	19_52.rawmk3	20_37.rawmk3	21_22.rawmk3
17_57.rawmk3	18_54.rawmk3	19_55.rawmk3	20_40.rawmk3	21_25.rawmk3

18_00.rawmk3	18_57.rawmk3	19_58.rawmk3	20_43.rawmk3	c19_31.rawmk3
18_03.rawmk3	19_06.rawmk3	20_01.rawmk3	20_46.rawmk3	c19_38.rawmk3
18_07.rawmk3	19_09.rawmk3	20_05.rawmk3	20_50.rawmk3	c19_45.rawmk3