
Mauna Loa Solar Observatory Observer's Log

Sat Nov 28 17:11:22 GMT 1998

Year: 98 Doy: 332

Observer: koon

Sat Nov 28 17:12:25 GMT 1998 CHIP Startup--Initializing new tape

WEATHER COMMENT: Sat Nov 28 17:12:47 GMT 1998

Clear sky, wind=10 mph from the WSW, temp=43 F.

Sat Nov 28 17:17:45 GMT 1998 MKIII Start Patrol

Sat Nov 28 17:17:56 GMT 1998 PICS Start Patrol

Sat Nov 28 17:17:56 GMT 1998 PICS Start Patrol

PSPT COMMENT: Sat Nov 28 17:21:50 GMT 1998

Started the thermoprinter before starting the observations. Hopefully the instrument can make it through a full day of observations so that the printer output will be useful.

MKIV COMMENT: Sat Nov 28 17:27:09 GMT 1998

Removed tape 98331 and installed 98332 in Nahenahe drive.

Sat Nov 28 18:00:50 GMT 1998 CHIP Bias

Sat Nov 28 18:01:38 GMT 1998 PICS Flat

Sat Nov 28 18:01:46 GMT 1998 CHIP End Bias

Sat Nov 28 18:01:57 GMT 1998 CHIP Water

Sat Nov 28 18:02:35 GMT 1998 CHIP End Water

Sat Nov 28 18:03:15 GMT 1998 PICS End Flat

Sat Nov 28 18:28:48 GMT 1998 MKIII Start Cal

Sat Nov 28 18:48:59 GMT 1998 MKIII Start Patrol

Sat Nov 28 19:01:01 GMT 1998 CHIP Bias

Sat Nov 28 19:01:33 GMT 1998 PICS Flat

Sat Nov 28 19:01:54 GMT 1998 CHIP End Bias

Sat Nov 28 19:02:13 GMT 1998 CHIP Water

Sat Nov 28 19:02:58 GMT 1998 CHIP End Water

Sat Nov 28 19:03:21 GMT 1998 PICS End Flat

Sat Nov 28 20:00:48 GMT 1998 CHIP Gain

Sat Nov 28 20:01:38 GMT 1998 PICS Flat

Sat Nov 28 20:03:08 GMT 1998 PICS End Flat

Sat Nov 28 20:05:20 GMT 1998 CHIP End Gain

Sat Nov 28 20:05:31 GMT 1998 CHIP Bias

Sat Nov 28 20:06:20 GMT 1998 CHIP End Bias

Sat Nov 28 20:06:39 GMT 1998 CHIP Water

Sat Nov 28 20:07:19 GMT 1998 CHIP End Water

MKIII PROBLEM Sat Nov 28 21:00:28 GMT 1998

No animations since 1940 apparently, all gif files in the MkIII data directory since that time are 1674 in length instead of about 160000 like the previous files, except for file at 2025 which shows up on the animation as a noisy scan and is 180000 long. There is no loaf-of-bread on the MKIII scope, but the MKIV signal looks good. I had noticed the lack of animation and figured it was a bad file, and since the MKIV scans were good I continued to work on other things and therefore didn't

notice the lack of "loaf-of-bread" until now.

MKIII PROBLEM : Sat Nov 28 21:22:08 GMT 1998

The power supply on top of the OCP rack had a good output and the cables behind the rack were all secure. I switched to a MKIII output on the realtime scans and went upstairs and wiggled some cables at the back end of the barrel. First I wiggled the blue connectors which have given problems in the past, but nothing changed on the scan. Then I wiggled the line driver cables and nothing changed. Last I wiggled the rest of the small connectors at the back of the barrel (start pulses, etcetera) and the loaf-of-bread and the scans returned to normal. I'm not sure which connector may be bad. If this happens again I'll check them out one by one to isolate the possible bad one. Problem fixed.

Sat Nov 28 22:00:48 GMT 1998 CHIP Bias
Sat Nov 28 22:01:43 GMT 1998 CHIP End Bias
Sat Nov 28 22:01:43 GMT 1998 CHIP End Bias
Sat Nov 28 22:01:54 GMT 1998 CHIP Water
Sat Nov 28 22:02:33 GMT 1998 CHIP End Water
Sat Nov 28 22:03:10 GMT 1998 PICS End Flat

PSPT COMMENT: Sat Nov 28 22:55:56 GMT 1998

I stopped the thermoprinter. We now have two full days of thermal data taken while the PSPT was observing on clear days. I guess that's all for now.

Sat Nov 28 23:01:33 GMT 1998 PICS Flat
Sat Nov 28 23:02:50 GMT 1998 CHIP Bias
Sat Nov 28 23:03:02 GMT 1998 PICS End Flat
Sat Nov 28 23:03:46 GMT 1998 CHIP End Bias
Sat Nov 28 23:04:02 GMT 1998 CHIP Water
Sat Nov 28 23:04:49 GMT 1998 CHIP End Water
Sat Nov 28 23:05:54 GMT 1998 PICS End Patrol
Sat Nov 28 23:07:03 GMT 1998 MKIII End Patrol
COMMENT: Sat Nov 28 23:07:44 GMT 1998

TAPES:

MKIV: 98332

PICS: P01345

CHIP: C00732

LOWL: L00559 in drive #1

Sat Nov 28 23:09:57 GMT 1998

MkIII

17_17.rawmk3	18_32.rawmk3	19_50.rawmk3	21_01.rawmk3	22_12.rawmk3
17_21.rawmk3	18_38.rawmk3	19_53.rawmk3	21_04.rawmk3	22_15.rawmk3
17_24.rawmk3	18_45.rawmk3	19_56.rawmk3	21_07.rawmk3	22_18.rawmk3
17_27.rawmk3	18_49.rawmk3	20_00.rawmk3	21_11.rawmk3	22_22.rawmk3
17_30.rawmk3	18_52.rawmk3	20_03.rawmk3	21_14.rawmk3	22_25.rawmk3
17_34.rawmk3	18_55.rawmk3	20_06.rawmk3	21_17.rawmk3	22_28.rawmk3

17_37.rawmk3	18_58.rawmk3	20_09.rawmk3	21_20.rawmk3	22_31.rawmk3
17_40.rawmk3	19_02.rawmk3	20_13.rawmk3	21_24.rawmk3	22_34.rawmk3
17_43.rawmk3	19_05.rawmk3	20_16.rawmk3	21_27.rawmk3	22_38.rawmk3
17_46.rawmk3	19_08.rawmk3	20_19.rawmk3	21_30.rawmk3	22_41.rawmk3
17_50.rawmk3	19_11.rawmk3	20_22.rawmk3	21_33.rawmk3	22_44.rawmk3
17_53.rawmk3	19_14.rawmk3	20_25.rawmk3	21_36.rawmk3	22_47.rawmk3
17_56.rawmk3	19_18.rawmk3	20_29.rawmk3	21_40.rawmk3	22_51.rawmk3
17_59.rawmk3	19_21.rawmk3	20_32.rawmk3	21_43.rawmk3	22_54.rawmk3
18_03.rawmk3	19_24.rawmk3	20_35.rawmk3	21_46.rawmk3	22_57.rawmk3
18_06.rawmk3	19_27.rawmk3	20_38.rawmk3	21_49.rawmk3	23_00.rawmk3
18_09.rawmk3	19_31.rawmk3	20_42.rawmk3	21_53.rawmk3	23_03.rawmk3
18_12.rawmk3	19_34.rawmk3	20_45.rawmk3	21_56.rawmk3	c18_28.rawmk3
18_16.rawmk3	19_37.rawmk3	20_48.rawmk3	21_59.rawmk3	c18_35.rawmk3
18_19.rawmk3	19_40.rawmk3	20_51.rawmk3	22_02.rawmk3	c18_42.rawmk3
18_22.rawmk3	19_43.rawmk3	20_54.rawmk3	22_05.rawmk3	
18_25.rawmk3	19_47.rawmk3	20_58.rawmk3	22_09.rawmk3	