
Mauna Loa Solar Observatory Observer's Log

Thu May 21 17:09:33 GMT 1998

Year: 98 Doy: 141

Observer: koon

WEATHER COMMENT: Thu May 21 17:09:35 GMT 1998

Clear sky, no wind, temp=48 F.

Thu May 21 17:10:52 GMT 1998 CHIP Startup--Initializing new tape

Thu May 21 17:16:58 GMT 1998 CHIP CHIP Start Patrol

Thu May 21 17:16:58 GMT 1998 CHIP CHIP Start Patrol

MKIII COMMENT: Thu May 21 17:48:29 GMT 1998

*****RECYCLING H01828*****

Thu May 21 18:01:26 GMT 1998 PICS Flat
Thu May 21 18:02:57 GMT 1998 PICS End Flat
Thu May 21 18:03:05 GMT 1998 CHIP Bias
Thu May 21 18:04:11 GMT 1998 CHIP End Bias
Thu May 21 18:04:29 GMT 1998 CHIP Water
Thu May 21 18:05:18 GMT 1998 CHIP End Water
Thu May 21 18:05:28 GMT 1998 CHIP Velocity
Thu May 21 18:06:45 GMT 1998 CHIP End Velocity
Thu May 21 18:07:00 GMT 1998 CHIP Minor
Thu May 21 18:07:47 GMT 1998 CHIP End Minor
Thu May 21 19:02:07 GMT 1998 CHIP Bias
Thu May 21 19:02:20 GMT 1998 PICS Flat
Thu May 21 19:03:22 GMT 1998 CHIP End Bias
Thu May 21 19:03:35 GMT 1998 CHIP Water
Thu May 21 19:03:48 GMT 1998 PICS End Flat
Thu May 21 19:04:21 GMT 1998 CHIP End Water
Thu May 21 19:04:31 GMT 1998 CHIP Velocity
Thu May 21 19:05:46 GMT 1998 CHIP End Velocity
Thu May 21 19:05:55 GMT 1998 CHIP Minor
Thu May 21 19:06:49 GMT 1998 CHIP End Minor

LOW-L COMMENT: Thu May 21 19:16:26 GMT 1998

The file count for temp drive #0 reset sometime yesterday afternoon. Once again this drive had a problem. We will test a new drive in its place as soon as we receive the extra Exabyte 8505xl drive from Boulder.

LOW-L COMMENT: Thu May 21 19:17:54 GMT 1998

I should also mention that it looks as though the temperatures are still too low in the E-bay. We probably should move the setpoint up to 30 and watch what happens. If the heater still doesn't keep the temperatures correct then there may be a problem somewhere from the thermistor sensor to the circuitry in the heater controller that reads the sensor and displays it on the readout. The only time the heater is off is when that readout is above the setpoint for the heater, which is good, that means part of the controller as well as the relay and the heater all function

correctly.

WEATHER COMMENT: Thu May 21 19:54:29 GMT 1998

Orographic clouds are starting to pass over.

Thu May 21 20:02:03 GMT 1998	CHIP	Gain
Thu May 21 20:02:27 GMT 1998	PICS	Flat
Thu May 21 20:03:54 GMT 1998	PICS	End Flat
Thu May 21 20:08:08 GMT 1998	CHIP	End Gain
Thu May 21 20:08:20 GMT 1998	CHIP	Bias
Thu May 21 20:09:14 GMT 1998	CHIP	End Bias
Thu May 21 20:09:24 GMT 1998	CHIP	Water
Thu May 21 20:10:05 GMT 1998	CHIP	End Water
Thu May 21 20:10:15 GMT 1998	CHIP	Velocity
Thu May 21 20:11:36 GMT 1998	CHIP	End Velocity
Thu May 21 20:11:46 GMT 1998	CHIP	Minor
Thu May 21 20:13:18 GMT 1998	CHIP	End Minor

COMMENT: Thu May 21 20:40:53 GMT 1998

Extended the dome slot.

Thu May 21 21:00:22 GMT 1998	PICS	Flat
Thu May 21 21:01:56 GMT 1998	PICS	End Flat
Thu May 21 21:02:02 GMT 1998	CHIP	Bias
Thu May 21 21:03:06 GMT 1998	CHIP	End Bias
Thu May 21 21:03:24 GMT 1998	CHIP	Water
Thu May 21 21:04:14 GMT 1998	CHIP	End Water
Thu May 21 21:04:24 GMT 1998	CHIP	Velocity
Thu May 21 21:05:41 GMT 1998	CHIP	End Velocity
Thu May 21 21:05:57 GMT 1998	CHIP	Minor
Thu May 21 21:07:33 GMT 1998	CHIP	End Minor

PSPT COMMENT: Thu May 21 21:07:41 GMT 1998

It was a pain to get inside the PC to change the DSP card because the cables coming out of the PC aren't long enough to allow removal of the PC from the cabinet. I got it positioned so that I should be able to R+R cards without too many problems. I don't see a good match for the new card that was sent to us compared to any of the cards in the PC.

There are two cards that are similar though, will call the NSO guys.

Thu May 21 22:01:21 GMT 1998	PICS	Flat
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PSPT COMMENT: Thu May 21 22:01:50 GMT 1998

I replaced the DSP board with the one that was sent to us, which is an older version board, that's why it looked different. DIP switches were set the same, I labeled the unlabeled cables to help us next time. I let Haosheng know about it and will leave some things turned on so he can test it later via the net.

Thu May 21 22:04:40 GMT 1998	CHIP	End Water
Thu May 21 22:04:54 GMT 1998	CHIP	Velocity
Thu May 21 22:05:58 GMT 1998	PICS	End Patrol
Thu May 21 22:06:12 GMT 1998	CHIP	End Velocity
Thu May 21 22:06:22 GMT 1998	CHIP	Minor
Thu May 21 22:07:50 GMT 1998	CHIP	End Minor
Thu May 21 22:20:33 GMT 1998	CHIP	CHIP End Patrol

Thu May 21 22:26:03 GMT 1998 CHIP ending tape
COMMENT: Thu May 21 23:00:51 GMT 1998

TAPES:

MKIII: H01829
PICS: P01196
CHIP: C00588
LOWL: L00518 in temp drive #0

Thu May 21 23:02:25 GMT 1998
MkIII

17_16.rawmk3	18_25.rawmk3	19_23.rawmk3	20_22.rawmk3	21_20.rawmk3
17_19.rawmk3	18_28.rawmk3	19_26.rawmk3	20_25.rawmk3	21_23.rawmk3
17_22.rawmk3	18_31.rawmk3	19_29.rawmk3	20_27.rawmk3	21_26.rawmk3
17_25.rawmk3	18_33.rawmk3	19_32.rawmk3	20_30.rawmk3	21_29.rawmk3
17_28.rawmk3	18_36.rawmk3	19_35.rawmk3	20_33.rawmk3	21_32.rawmk3
17_31.rawmk3	18_39.rawmk3	19_38.rawmk3	20_36.rawmk3	21_35.rawmk3
17_34.rawmk3	18_42.rawmk3	19_41.rawmk3	20_39.rawmk3	21_38.rawmk3
17_37.rawmk3	18_45.rawmk3	19_44.rawmk3	20_42.rawmk3	21_40.rawmk3
17_40.rawmk3	18_48.rawmk3	19_47.rawmk3	20_45.rawmk3	21_43.rawmk3
17_43.rawmk3	18_51.rawmk3	19_49.rawmk3	20_48.rawmk3	21_46.rawmk3
17_46.rawmk3	18_54.rawmk3	19_52.rawmk3	20_51.rawmk3	21_49.rawmk3
17_49.rawmk3	18_57.rawmk3	19_55.rawmk3	20_54.rawmk3	21_52.rawmk3
17_52.rawmk3	19_00.rawmk3	19_58.rawmk3	20_57.rawmk3	21_55.rawmk3
17_55.rawmk3	19_03.rawmk3	20_01.rawmk3	21_00.rawmk3	21_58.rawmk3
17_57.rawmk3	19_06.rawmk3	20_04.rawmk3	21_02.rawmk3	22_01.rawmk3
18_00.rawmk3	19_09.rawmk3	20_07.rawmk3	21_05.rawmk3	c18_09.rawmk3
18_03.rawmk3	19_11.rawmk3	20_10.rawmk3	21_08.rawmk3	c18_15.rawmk3
18_06.rawmk3	19_14.rawmk3	20_13.rawmk3	21_11.rawmk3	c18_21.rawmk3
18_12.rawmk3	19_17.rawmk3	20_16.rawmk3	21_14.rawmk3	
18_18.rawmk3	19_20.rawmk3	20_19.rawmk3	21_17.rawmk3	