
Mauna Loa Solar Observatory Observer's Log

Thu Nov 26 16:54:29 GMT 1998

Year: 98 Doy: 330

Observer: koon

WEATHER COMMENT: Thu Nov 26 16:54:55 GMT 1998

Clear sky, wind=10 mph from the SE, temp=42 F.

Thu Nov 26 16:55:44 GMT 1998 CHIP Startup--Initializing new tape

Thu Nov 26 16:59:02 GMT 1998 MKIII Start Patrol

Thu Nov 26 16:59:09 GMT 1998 PICS Start Patrol

Thu Nov 26 16:59:09 GMT 1998 PICS Start Patrol

Thu Nov 26 17:01:19 GMT 1998 PICS Flat

Thu Nov 26 17:02:45 GMT 1998 PICS End Flat

Thu Nov 26 17:02:58 GMT 1998 CHIP Bias

PSPT COMMENT: Thu Nov 26 17:03:41 GMT 1998

Started up the thermo-printer for the 2nd full day before starting the observations. Tracking the temperature throughout the day in the SOP.

MKIV COMMENT: Thu Nov 26 17:14:59 GMT 1998

Removed tape 98329 from Nahenahe drive and installed 98330.

PSPT PROBLEM: Thu Nov 26 17:16:49 GMT 1998

Stalled with multiple "Initializing Focus" messages. Tried Run again to get it going.

PSPT PROBLEM: Thu Nov 26 17:34:24 GMT 1998

Sitting there with the timeout counter counting, didn't get past the test exposures. Tried Run again.

PSPT PROBLEM: Thu Nov 26 17:40:24 GMT 1998

Back stalled with the endless stream of "Initializing Focus" messages. Tried Run again.

Thu Nov 26 18:00:38 GMT 1998 PICS Flat

Thu Nov 26 18:01:49 GMT 1998 CHIP Bias

Thu Nov 26 18:02:13 GMT 1998 PICS End Flat

Thu Nov 26 18:02:41 GMT 1998 CHIP End Bias

Thu Nov 26 18:02:50 GMT 1998 CHIP Water

Thu Nov 26 18:03:29 GMT 1998 CHIP End Water

Thu Nov 26 18:23:04 GMT 1998 MKIII Start Cal

Thu Nov 26 18:43:17 GMT 1998 MKIII End Cal

PSPT PROBLEM: Thu Nov 26 18:50:43 GMT 1998

After the last stall while "Initializing Focus" I exited and tried to move the focus manually using the PC, but it always stays at position 0.00 I tried cycling the PC and rack power but that didn't help. PC shows messages like: "Home switch ON", "Event not cleared", "position=0.00", while the Sparcstation shows the continuous "Initializing Focus" messages. Tried calling Haosheng, not there, will send email in case anyone else is working on this Thanksgiving.

Thu Nov 26 19:00:32 GMT 1998 PICS Flat

Thu Nov 26 19:00:56 GMT 1998 CHIP Bias

Thu Nov 26 19:01:54 GMT 1998 CHIP End Bias

Thu Nov 26 19:02:04 GMT 1998 CHIP Water
Thu Nov 26 19:02:13 GMT 1998 PICS End Flat
Thu Nov 26 19:02:45 GMT 1998 CHIP End Water

PSPT PROBLEM : Thu Nov 26 19:14:08 GMT 1998

It looks like this problem was solved by Haosheng moving the focus stage off of the home position on 11/13/98 when it last occurred. Too bad we didn't get instructions on how to do that. I've tried to figure out how to do that, it must be via computer command since Haosheng did it remotely. I think I have to somehow clear the home position event flag and then move the stage with one of the commands listed when you type "fcs help" on the PC.

Thu Nov 26 20:00:34 GMT 1998 PICS Flat
Thu Nov 26 20:02:01 GMT 1998 PICS End Flat
Thu Nov 26 20:02:49 GMT 1998 CHIP Gain
Thu Nov 26 20:07:17 GMT 1998 CHIP End Gain
Thu Nov 26 20:07:27 GMT 1998 CHIP Bias
Thu Nov 26 20:08:17 GMT 1998 CHIP End Bias
Thu Nov 26 20:08:45 GMT 1998 CHIP Water
Thu Nov 26 20:09:25 GMT 1998 CHIP End Water

PSPT PROBLEM : Thu Nov 26 20:22:02 GMT 1998

I couldn't figure out the magic computer command to clear the event flag. I also couldn't find easy access to the focus stage to see if I could manually reset the limit switch there. We'll have to wait for help from Haosheng, it would be great if he could send us a writeup on how to recover from this problem since it has happened twice in two weeks. I'm going to leave the thermoprinter running, maybe that tape can be used as some kind of control data set by Roy. the lens cap is still closed and the telescope isn't pointing at the sun, but the dome is open and sunlight is on the telescope as it sits in an early morning pointing position.

Thu Nov 26 21:00:39 GMT 1998 PICS Flat
Thu Nov 26 21:00:49 GMT 1998 CHIP Bias
Thu Nov 26 21:01:45 GMT 1998 CHIP End Bias
Thu Nov 26 21:01:55 GMT 1998 CHIP Water
Thu Nov 26 21:02:17 GMT 1998 PICS End Flat
Thu Nov 26 21:02:34 GMT 1998 CHIP End Water
Thu Nov 26 22:00:30 GMT 1998 PICS Flat
Thu Nov 26 22:01:56 GMT 1998 PICS End Flat
Thu Nov 26 22:02:59 GMT 1998 CHIP Bias
Thu Nov 26 22:03:56 GMT 1998 CHIP End Bias
Thu Nov 26 22:04:05 GMT 1998 CHIP Water
Thu Nov 26 22:04:47 GMT 1998 MKIII End Patrol
Thu Nov 26 22:04:43 GMT 1998 CHIP End Water
Thu Nov 26 22:16:40 GMT 1998 PICS End Patrol

PSPT PROBLEM : Thu Nov 26 22:16:49 GMT 1998

The telescope didn't point to the normal stow position when I shutdown. I changed the paper roll in the printer, the roll is now new.

Thu Nov 26 22:18:05 GMT 1998 CHIP ending tape

COMMENT: Thu Nov 26 22:21:09 GMT 1998

TAPES:

MKIV: 98330

CHIP: C00730

PICS: P01343

LOWL: L00558 in drive #0

Thu Nov 26 22:22:12 GMT 1998

MkIII

16_59.rawmk3	18_00.rawmk3	19_20.rawmk3	20_21.rawmk3	21_22.rawmk3
17_02.rawmk3	18_03.rawmk3	19_23.rawmk3	20_24.rawmk3	21_26.rawmk3
17_05.rawmk3	18_07.rawmk3	19_26.rawmk3	20_28.rawmk3	21_29.rawmk3
17_08.rawmk3	18_10.rawmk3	19_29.rawmk3	20_31.rawmk3	21_32.rawmk3
17_12.rawmk3	18_13.rawmk3	19_33.rawmk3	20_34.rawmk3	21_35.rawmk3
17_15.rawmk3	18_16.rawmk3	19_36.rawmk3	20_37.rawmk3	21_39.rawmk3
17_18.rawmk3	18_19.rawmk3	19_39.rawmk3	20_41.rawmk3	21_42.rawmk3
17_21.rawmk3	18_26.rawmk3	19_42.rawmk3	20_44.rawmk3	21_45.rawmk3
17_25.rawmk3	18_33.rawmk3	19_46.rawmk3	20_47.rawmk3	21_48.rawmk3
17_28.rawmk3	18_40.rawmk3	19_49.rawmk3	20_50.rawmk3	21_52.rawmk3
17_31.rawmk3	18_51.rawmk3	19_52.rawmk3	20_53.rawmk3	21_55.rawmk3
17_34.rawmk3	18_54.rawmk3	19_55.rawmk3	20_57.rawmk3	21_58.rawmk3
17_37.rawmk3	18_57.rawmk3	19_59.rawmk3	21_00.rawmk3	22_01.rawmk3
17_41.rawmk3	19_00.rawmk3	20_02.rawmk3	21_03.rawmk3	c18_23.rawmk3
17_44.rawmk3	19_04.rawmk3	20_05.rawmk3	21_06.rawmk3	c18_29.rawmk3
17_47.rawmk3	19_07.rawmk3	20_08.rawmk3	21_10.rawmk3	c18_36.rawmk3
17_50.rawmk3	19_10.rawmk3	20_11.rawmk3	21_13.rawmk3	
17_54.rawmk3	19_13.rawmk3	20_15.rawmk3	21_16.rawmk3	
17_57.rawmk3	19_17.rawmk3	20_18.rawmk3	21_19.rawmk3	