
Mauna Loa Solar Observatory Observer's Log

Sat Jun 10 16:45:53 GMT 2000

Year: 00 Doy: 162

Observer: koon

WEATHER COMMENT: Sat Jun 10 16:45:58 GMT 2000

Clear sky, wind=5 mph from the South, temp=52 F.

Sat Jun 10 16:46:47 GMT 2000 CHIP Startup--Initializing new tape

Sat Jun 10 16:51:53 GMT 2000 MKIV Start Patrol

Sat Jun 10 16:51:57 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Sat Jun 10 16:51:57 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Sat Jun 10 18:04:43 GMT 2000 PICS Flat

Sat Jun 10 18:07:42 GMT 2000 PICS End Flat

PSPT PROBLEM : Sat Jun 10 18:47:04 GMT 2000

The data tape wasn't written, and no file transfer information was printed to the screen, manual tape check shows old data. The dec drive was making noise and the telescope was stalled in dec, tightening the dec drive clutch fixed both problems. I found a problem with the Quadcell Y-direction drive system, the PC screen shows positional changes but the motor isn't turning, still troubleshooting.

PSPT PROBLEM : Sat Jun 10 19:17:29 GMT 2000

The quadcell Y-direction stepper driver board is bad, it needs to be replaced before we can continue observing, I can't find a spare up here and I don't think we have any spares for anything except the shutter, so we need a board sent to us. I tried several experiments involving swapping the X-direction board with the Y-direction board, from these I know the Y-direction motor and limit switches work with the X-direction stepper driver board, and the X direction system has the same problem as the Y-direction system when using the Y-direction stepper driver board. Unfortunately the PSPT is still down until we receive a new Quadcell Stage Y-direction Stepper Driver Board for the electronics rack.

COMMENT: Sat Jun 10 19:59:54 GMT 2000

Extended the dome slot.

Sat Jun 10 20:02:42 GMT 2000 CHIP Gain7

Sat Jun 10 20:11:15 GMT 2000 CHIP End Gain

Sat Jun 10 20:11:32 GMT 2000 CHIP Bias

Sat Jun 10 20:12:39 GMT 2000 CHIP End Bias

WEATHER COMMENT: Sat Jun 10 20:56:22 GMT 2000

Orographic clouds are starting to pass over.

Sat Jun 10 21:54:16 GMT 2000 CHIP CHIP End Patrol

Sat Jun 10 21:54:16 GMT 2000 CHIP CHIP End Patrol

WEATHER COMMENT: Sat Jun 10 21:54:31 GMT 2000

Covered by thick dark clouds, closing down.

Sat Jun 10 22:00:22 GMT 2000 CHIP ending tape

COMMENT: Sat Jun 10 22:07:33 GMT 2000

TAPES:

MKIV: 00-162
CHIP: C01151
PICS: P01772
LOWL: L00721

Sat Jun 10 22:08:27 GMT 2000
MkIV

16_51.rawmk4	18_04.rawmk4	19_06.rawmk4	20_09.rawmk4	21_12.rawmk4
16_54.rawmk4	18_07.rawmk4	19_09.rawmk4	20_12.rawmk4	21_15.rawmk4
16_57.rawmk4	18_10.rawmk4	19_12.rawmk4	20_15.rawmk4	21_18.rawmk4
17_00.rawmk4	18_13.rawmk4	19_15.rawmk4	20_18.rawmk4	21_21.rawmk4
17_03.rawmk4	18_16.rawmk4	19_18.rawmk4	20_21.rawmk4	21_24.rawmk4
17_06.rawmk4	18_19.rawmk4	19_21.rawmk4	20_24.rawmk4	21_27.rawmk4
17_09.rawmk4	18_22.rawmk4	19_24.rawmk4	20_27.rawmk4	21_30.rawmk4
17_12.rawmk4	18_25.rawmk4	19_27.rawmk4	20_30.rawmk4	21_33.rawmk4
17_15.rawmk4	18_28.rawmk4	19_30.rawmk4	20_33.rawmk4	21_36.rawmk4
17_18.rawmk4	18_31.rawmk4	19_33.rawmk4	20_36.rawmk4	21_39.rawmk4
17_21.rawmk4	18_34.rawmk4	19_36.rawmk4	20_39.rawmk4	21_42.rawmk4
17_24.rawmk4	18_37.rawmk4	19_39.rawmk4	20_42.rawmk4	21_45.rawmk4
17_27.rawmk4	18_40.rawmk4	19_42.rawmk4	20_45.rawmk4	21_48.rawmk4
17_30.rawmk4	18_42.rawmk4	19_45.rawmk4	20_48.rawmk4	21_51.rawmk4
17_33.rawmk4	18_45.rawmk4	19_48.rawmk4	20_51.rawmk4	21_54.rawmk4
17_36.rawmk4	18_48.rawmk4	19_51.rawmk4	20_54.rawmk4	c17_45.rawmk4
17_39.rawmk4	18_51.rawmk4	19_54.rawmk4	20_57.rawmk4	c17_51.rawmk4
17_42.rawmk4	18_54.rawmk4	19_57.rawmk4	21_00.rawmk4	c17_58.rawmk4
17_48.rawmk4	18_57.rawmk4	20_00.rawmk4	21_03.rawmk4	
17_55.rawmk4	19_00.rawmk4	20_03.rawmk4	21_06.rawmk4	
18_01.rawmk4	19_03.rawmk4	20_06.rawmk4	21_09.rawmk4	