
Mauna Loa Solar Observatory Observer's Log

Wed Jun 21 16:59:05 GMT 2000

Year: 00 Doy: 173

Observer: koon

Wed Jun 21 16:59:26 GMT 2000 CHIP CHIP Start 7 Passband Patrol

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WEATHER COMMENT: Wed Jun 21 17:00:34 GMT 2000

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

Patrol

PSPT PROBLEM: Wed Jun 21 17:53:08 GMT 2000

Installed the repaired Y-direction stepper driver board for the quadcell stage. Initialization worked correctly, no stalling while trying to point the stage. Further operation showed that the telescope wasn't pointing correctly in either RA or Declination. I will calibrate the guider ephemeris and try again.

Wed Jun 21 18:03:39 GMT 2000 PICS Flat

Wed Jun 21 18:06:52 GMT 2000 PICS End Flat

Wed Jun 21 20:02:44 GMT 2000 CHIP Gain7

PSPT PROBLEM: Wed Jun 21 20:04:04 GMT 2000

I finally got it to point correctly, it wasn't pointing the image to the center of the CCD when it was supposed to. I have about 3 pages of notes on what I tried in the log book and don't want to rewrite them here. I had to repoint the beam-splitter in RA to get the image on the quadcell lens when it was centered on the CCD. Then after I got a very centered image I turned off the active mirror and the guiding and did a guider ephemeris, this last time it worked, but I tried many similar iterations before that. Anyway, now it is working and taking data again after being down for a month with various problems.

:53 GMT 2000 CHIP End Bias

COMMENT: Wed Jun 21 20:17:13 GMT 2000

Extended the dome slot.

PICS PROBLEM: Wed Jun 21 20:21:27 GMT 2000

I noticed that the occulting wheel was spinning continuously and the Home switch was continuously on. Figuring the Home limit switch was adjusted too close to the cam I backed it out a little, and I had to bend the actuator arm to allow switching without the arm touching the switchbox. It is working well now.

Wed Jun 21 20:37:38 GMT 2000 PICS Start Patrol

MKIV PROBLEM: Wed Jun 21 21:44:18 GMT 2000

Manually wrote yesterdays file to tape due to a Write Error last night.

WEATHER COMMENT: Wed Jun 21 22:05:55 GMT 2000

Orographic clouds have moved in.

Wed Jun 21 22:11:18 GMT 2000 CHIP CHIP End Patrol

Wed Jun 21 22:12:05 GMT 2000 CHIP ending tape

Wed Jun 21 22:14:43 GMT 2000 PICS End Patrol

COMMENT: Wed Jun 21 22:30:39 GMT 2000

TAPES:

MKIV: 00-173

CHIP: C01160

PICS: P01781

LOWL: L00723

Wed Jun 21 22:31:27 GMT 2000

MkIV

17_02.rawmk4	18_17.rawmk4	19_22.rawmk4	20_28.rawmk4	21_33.rawmk4
17_05.rawmk4	18_20.rawmk4	19_25.rawmk4	20_31.rawmk4	21_36.rawmk4
17_08.rawmk4	18_23.rawmk4	19_28.rawmk4	20_34.rawmk4	21_39.rawmk4
17_11.rawmk4	18_26.rawmk4	19_31.rawmk4	20_37.rawmk4	21_42.rawmk4
17_14.rawmk4	18_29.rawmk4	19_34.rawmk4	20_40.rawmk4	21_45.rawmk4
17_17.rawmk4	18_32.rawmk4	19_37.rawmk4	20_42.rawmk4	21_48.rawmk4
17_20.rawmk4	18_35.rawmk4	19_40.rawmk4	20_45.rawmk4	21_51.rawmk4
17_23.rawmk4	18_38.rawmk4	19_43.rawmk4	20_48.rawmk4	21_54.rawmk4

17_26.rawmk4	18_41.rawmk4	19_46.rawmk4	20_51.rawmk4	21_57.rawmk4
17_29.rawmk4	18_44.rawmk4	19_49.rawmk4	20_54.rawmk4	22_00.rawmk4
17_32.rawmk4	18_46.rawmk4	19_52.rawmk4	20_57.rawmk4	22_03.rawmk4
17_35.rawmk4	18_49.rawmk4	19_55.rawmk4	21_00.rawmk4	22_06.rawmk4
17_38.rawmk4	18_52.rawmk4	19_58.rawmk4	21_03.rawmk4	22_09.rawmk4
17_40.rawmk4	18_55.rawmk4	20_01.rawmk4	21_06.rawmk4	22_12.rawmk4
17_43.rawmk4	18_58.rawmk4	20_04.rawmk4	21_09.rawmk4	22_15.rawmk4
17_46.rawmk4	19_01.rawmk4	20_07.rawmk4	21_12.rawmk4	c17_55.rawmk4
17_49.rawmk4	19_04.rawmk4	20_10.rawmk4	21_15.rawmk4	c18_01.rawmk4
17_52.rawmk4	19_07.rawmk4	20_13.rawmk4	21_18.rawmk4	c18_08.rawmk4
17_58.rawmk4	19_10.rawmk4	20_16.rawmk4	21_21.rawmk4	
18_05.rawmk4	19_13.rawmk4	20_19.rawmk4	21_24.rawmk4	
18_11.rawmk4	19_16.rawmk4	20_22.rawmk4	21_27.rawmk4	
18_14.rawmk4	19_19.rawmk4	20_25.rawmk4	21_30.rawmk4	