
Mauna Loa Solar Observatory Observer's Log

Tue Apr 29 16:51:58 GMT 2003

Year: 03 Doy: 119

Observer: koon

Tue Apr 29 16:57:23 GMT 2003 CHIP Start Patrol

Tue Apr 29 16:57:32 GMT 2003 PICS Start Patrol

Tue Apr 29 17:00:24 GMT 2003 MKIV Start Patrol

WEATHER COMMENT: Tue Apr 29 16:52:02 GMT 2003

Clear bright sky, no wind, temp=40 F.

MKIV COMMENT: Tue Apr 29 17:00:54 GMT 2003

Centered occulting.

PSPT COMMENT: Tue Apr 29 17:11:55 GMT 2003

Observing.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Apr 29 17:20:41 GMT 2003

Tue Apr 29 18:00:51 GMT 2003 CHIP LSD

Tue Apr 29 18:02:50 GMT 2003 CHIP End LSD

Tue Apr 29 18:02:59 GMT 2003 PICS Flat

Tue Apr 29 18:04:00 GMT 2003 CHIP End BiasLSD

Tue Apr 29 18:04:14 GMT 2003 CHIP Bias

Tue Apr 29 18:05:14 GMT 2003 CHIP End Bias

Tue Apr 29 18:05:30 GMT 2003 PICS End Flat

MKIV PROBLEM: Tue Apr 29 18:22:16 GMT 2003

The O1 guiders don't work, if I leave the logic switch on downstairs I don't see the motors working upstairs. The motors are energized, and I can move them by hand, so they are acting the same way they did when connected to the previous bad power supply that was recently replaced.

Tue Apr 29 19:28:46 GMT 2003 MKIV End Patrol

Tue Apr 29 19:29:02 GMT 2003 MKIV Start Cal

PSPT PROBLEM: Tue Apr 29 19:45:42 GMT 2003

Getting the "sun too low, go back to bed" error message, not sure how long it has been repeatedly displaying.

Tue Apr 29 19:47:45 GMT 2003 MKIV End Cal

Tue Apr 29 19:47:59 GMT 2003 MKIV Start Patrol

COMMENT: Tue Apr 29 20:01:11 GMT 2003

Extended the dome slot.

Tue Apr 29 20:05:50 GMT 2003 MKIV End Patrol

Tue Apr 29 20:37:36 GMT 2003 MKIV Start Patrol

PSPT PROBLEM: Tue Apr 29 20:30:03 GMT 2003

Dust cover was closed, tried restarting but had no success, the Sparc wasn't communicating with the PC. Rebooted PC and did a total shutdown and startup, then everything went well after that.

A message from Alice says her tests were what accidentally killed the Pspt, so there isn't an ongoing problem that caused the crash earlier.

MKIV PROBLEM: Tue Apr 29 20:43:02 GMT 2003

I tried swapping the PS2 and PS1 DC outputs to power the O1 guider card with a known good power supply (the new one that powers the mk4 barrel card).

Neither DC input would get the guiders to move. The O1 is left in one position for now, it can't be easily centered yet.

PSPT PROBLEM : Tue Apr 29 20:58:28 GMT 2003

The observations cycle correctly now but the images look very bad. Nothing is recognizable in the images, the top half is washed-out and bright, the bottom half is dark.

PSPT PROBLEM : Tue Apr 29 21:11:27 GMT 2003

Fixed the problem, I reset the UniBlitz shutter controller. The UniBlitz shutter was staying open all the time so all images except darks were overexposed. The pointing is such that the bottom half of the sun is visible at the top of the images - that's why the top half of the overexposed images were bright compared to the bottom. I may need to adjust pointing later.

WEATHER COMMENT: Tue Apr 29 23:45:23 GMT 2003

Orographic clouds are starting to pass over.

Wed Apr 30 00:29:49 GMT 2003 CHIP End Patrol

WEATHER COMMENT: Wed Apr 30 00:30:03 GMT 2003

Thick clouds, paused instruments.

Wed Apr 30 00:31:46 GMT 2003 PICS End Patrol

Wed Apr 30 00:33:53 GMT 2003 MKIV End Patrol

Wed Apr 30 02:42:26 GMT 2003

MkIV

00_01.rawmk4	17_54.rawmk4	19_16.rawmk4	21_21.rawmk4	22_47.rawmk4
00_04.rawmk4	17_57.rawmk4	19_19.rawmk4	21_24.rawmk4	22_50.rawmk4
00_07.rawmk4	18_00.rawmk4	19_22.rawmk4	21_27.rawmk4	22_53.rawmk4
00_10.rawmk4	18_03.rawmk4	19_25.rawmk4	21_30.rawmk4	22_56.rawmk4
00_13.rawmk4	18_06.rawmk4	19_32.rawmk4	21_33.rawmk4	22_59.rawmk4
00_16.rawmk4	18_09.rawmk4	19_38.rawmk4	21_36.rawmk4	23_02.rawmk4
00_18.rawmk4	18_12.rawmk4	19_44.rawmk4	21_39.rawmk4	23_05.rawmk4
00_21.rawmk4	18_14.rawmk4	19_47.rawmk4	21_42.rawmk4	23_08.rawmk4
00_24.rawmk4	18_17.rawmk4	19_50.rawmk4	21_48.rawmk4	23_11.rawmk4
00_27.rawmk4	18_20.rawmk4	19_53.rawmk4	21_51.rawmk4	23_14.rawmk4
00_30.rawmk4	18_23.rawmk4	19_56.rawmk4	21_54.rawmk4	23_17.rawmk4
17_00.rawmk4	18_26.rawmk4	19_59.rawmk4	21_57.rawmk4	23_20.rawmk4
17_03.rawmk4	18_29.rawmk4	20_02.rawmk4	22_00.rawmk4	23_23.rawmk4
17_06.rawmk4	18_32.rawmk4	20_37.rawmk4	22_03.rawmk4	23_26.rawmk4
17_09.rawmk4	18_35.rawmk4	20_40.rawmk4	22_06.rawmk4	23_29.rawmk4
17_12.rawmk4	18_38.rawmk4	20_43.rawmk4	22_09.rawmk4	23_31.rawmk4
17_15.rawmk4	18_41.rawmk4	20_46.rawmk4	22_12.rawmk4	23_34.rawmk4
17_18.rawmk4	18_44.rawmk4	20_49.rawmk4	22_15.rawmk4	23_37.rawmk4
17_21.rawmk4	18_47.rawmk4	20_52.rawmk4	22_18.rawmk4	23_40.rawmk4
17_24.rawmk4	18_50.rawmk4	20_55.rawmk4	22_21.rawmk4	23_43.rawmk4
17_27.rawmk4	18_53.rawmk4	20_58.rawmk4	22_24.rawmk4	23_46.rawmk4
17_29.rawmk4	18_56.rawmk4	21_01.rawmk4	22_27.rawmk4	23_49.rawmk4
17_32.rawmk4	18_59.rawmk4	21_04.rawmk4	22_30.rawmk4	23_52.rawmk4
17_35.rawmk4	19_01.rawmk4	21_06.rawmk4	22_33.rawmk4	23_55.rawmk4
17_41.rawmk4	19_04.rawmk4	21_09.rawmk4	22_36.rawmk4	23_58.rawmk4

17_45.rawmk4	19_07.rawmk4	21_12.rawmk4	22_38.rawmk4	c19_29.rawmk4
17_48.rawmk4	19_10.rawmk4	21_15.rawmk4	22_41.rawmk4	c19_35.rawmk4
17_51.rawmk4	19_13.rawmk4	21_18.rawmk4	22_44.rawmk4	c19_41.rawmk4