
Mauna Loa Solar Observatory Observer's Log

Wed Apr 7 16:54:18 GMT 1999

Year: 99 Doy: 097

Observer: koon

WEATHER COMMENT: Wed Apr 7 16:54:20 GMT 1999

Mostly clear sky, but slightly hazy, wind=5 mph from the South, temp=40 F.

7 17:00:19 GMT 1999 MKIII Start Patrol

Wed Apr 7 17:00:30 GMT 1999 PICS Start Patrol

Wed Apr 7 17:00:30 GMT 1999 PICS Start Patrol

PSPT PROBLEM : Wed Apr 7 17:20:48 GMT 1999

Kept getting "guider not pointing at sun " error messages. The Dome was pointed at the the sun and the dust cap was open but the telescope wasn't pointed at the sun, it was pointed too far to the South. I tried using the Run command again.

WEATHER COMMENT: Wed Apr 7 17:35:56 GMT 1999

The sky is very bright due to the haze, and some cirrus wisps are starting to pass by also.

PSPT PROBLEM : Wed Apr 7 17:52:42 GMT 1999

Timeout counter just kept updating on the 3 exposure test, exited and tried Run again.

Wed Apr 7 18:00:50 GMT 1999 CHIP Bias

Wed Apr 7 18:01:43 GMT 1999 CHIP End Bias

PSPT PROBLEM : Wed Apr 7 18:02:25 GMT 1999

This time the telescope pointed closer to the sun but was still too far East and South. The QSUM=0 due to the mispointing. I manually pointed the telescope to the sun and the QSUM jumped up to 1600 where it should be, then the active mirror locked on the sun and data collection finally started.

Wed Apr 7 19:00:56 GMT 1999 CHIP Bias

Wed Apr 7 19:01:38 GMT 1999 PICS Flat

Wed Apr 7 19:01:55 GMT 1999 CHIP End Bias

Wed Apr 7 19:02:05 GMT 1999 CHIP Water

Wed Apr 7 19:02:40 GMT 1999 CHIP End Water

Wed Apr 7 19:03:05 GMT 1999 PICS End Flat

PSPT PROBLEM : Wed Apr 7 19:06:18 GMT 1999

Telescope came up slightly off the sun, I manually pointed and the QCSUM went up and the program continued and data was taken.

COMMENT: Wed Apr 7 19:49:44 GMT 1999

Extended the dome slot.

Wed Apr 7 20:00:49 GMT 1999 CHIP Gain

Wed Apr 7 20:01:33 GMT 1999 PICS Flat

Wed Apr 7 20:03:05 GMT 1999 PICS End Flat

Wed Apr 7 20:05:45 GMT 1999 CHIP End Gain

Wed Apr 7 20:05:55 GMT 1999 CHIP Bias

Wed Apr 7 20:06:46 GMT 1999 CHIP End Bias

Wed Apr 7 20:06:56 GMT 1999 CHIP Water

Wed Apr 7 20:07:32 GMT 1999 CHIP End Water

PSPT PROBLEM Wed Apr 7 20:18:21 GMT 1999

It didn't point at the sun correctly again, I pointed it manually, it was close but not close enough. It looks like we may need to do another one of those guider ephemeris calibrations.

WEATHER COMMENT: Wed Apr 7 20:23:50 GMT 1999

Cirrus clouds are getting more numerous.

Wed Apr 7 21:01:39 GMT 1999 PICS Flat

Wed Apr 7 21:01:51 GMT 1999 CHIP Bias

Wed Apr 7 21:02:47 GMT 1999 CHIP End Bias

Wed Apr 7 21:03:01 GMT 1999 CHIP Water

Wed Apr 7 21:03:06 GMT 1999 PICS End Flat

Wed Apr 7 21:03:41 GMT 1999 CHIP End Water

PSPT PROBLEM Wed Apr 7 21:34:30 GMT 1999

Didn't point to the sun again. Pointed manually. Will do a guider ephemeris calibration tomorrow.

Wed Apr 7 22:00:50 GMT 1999 CHIP Bias

Wed Apr 7 22:01:38 GMT 1999 PICS Flat

Wed Apr 7 22:01:47 GMT 1999 CHIP End Bias

Wed Apr 7 22:01:57 GMT 1999 CHIP Water

Wed Apr 7 22:02:38 GMT 1999 CHIP End Water

Wed Apr 7 22:03:05 GMT 1999 PICS End Flat

Wed Apr 7 22:03:34 GMT 1999 MKIII End Patrol

Wed Apr 7 22:05:24 GMT 1999 PICS End Patrol

Wed Apr 7 22:14:25 GMT 1999 CHIP CHIP End Patrol

Wed Apr 7 22:18:42 GMT 1999 CHIP ending tape

COMMENT: Wed Apr 7 22:27:54 GMT 1999

TAPES:

MKIV: 99097

PICS: P01405

CHIP: C00817

LOWL: Down for modifications.

Wed Apr 7 22:34:12 GMT 1999

MkIII

17_00.rawmk3	18_01.rawmk3	19_03.rawmk3	20_04.rawmk3	21_05.rawmk3
17_03.rawmk3	18_04.rawmk3	19_06.rawmk3	20_07.rawmk3	21_08.rawmk3
17_06.rawmk3	18_08.rawmk3	19_09.rawmk3	20_10.rawmk3	21_12.rawmk3
17_10.rawmk3	18_11.rawmk3	19_12.rawmk3	20_14.rawmk3	21_15.rawmk3
17_13.rawmk3	18_14.rawmk3	19_15.rawmk3	20_17.rawmk3	21_18.rawmk3
17_16.rawmk3	18_17.rawmk3	19_19.rawmk3	20_20.rawmk3	21_21.rawmk3
17_19.rawmk3	18_21.rawmk3	19_22.rawmk3	20_23.rawmk3	21_24.rawmk3
17_23.rawmk3	18_24.rawmk3	19_25.rawmk3	20_26.rawmk3	21_28.rawmk3
17_26.rawmk3	18_27.rawmk3	19_28.rawmk3	20_30.rawmk3	21_31.rawmk3
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17_32.rawmk3	18_34.rawmk3	19_35.rawmk3	20_36.rawmk3	21_37.rawmk3

17_35.rawmk3	18_37.rawmk3	19_38.rawmk3	20_39.rawmk3	21_41.rawmk3
17_39.rawmk3	18_40.rawmk3	19_41.rawmk3	20_43.rawmk3	21_44.rawmk3
17_42.rawmk3	18_43.rawmk3	19_44.rawmk3	20_46.rawmk3	21_47.rawmk3
17_45.rawmk3	18_46.rawmk3	19_48.rawmk3	20_49.rawmk3	21_50.rawmk3
17_48.rawmk3	18_50.rawmk3	19_51.rawmk3	20_52.rawmk3	21_54.rawmk3
17_52.rawmk3	18_53.rawmk3	19_54.rawmk3	20_56.rawmk3	21_57.rawmk3
17_55.rawmk3	18_56.rawmk3	19_57.rawmk3	20_59.rawmk3	22_00.rawmk3
17_58.rawmk3	18_59.rawmk3	20_01.rawmk3	21_02.rawmk3	