
Mauna Loa Solar Observatory Observer's Log

Thu Aug 21 16:38:08 GMT 2003

Year: 03 Doy: 233

Observer: stueben

Thu Aug 21 16:46:01 GMT 2003 CHIP Start Patrol

Thu Aug 21 16:46:13 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Thu Aug 21 16:46:19 GMT 2003

Scattered cirrostratus, wind southeast 15-20mph, temp 50F.

**** EVENT COMMENT ****: Thu Aug 21 17:51:02 GMT 2003

Large fast EPL at PA 260 starting 17:31. Images poor due to cirrostratus, Mk4 not running due to cirrostratus.

Thu Aug 21 18:01:48 GMT 2003 CHIP LSD

Thu Aug 21 18:03:29 GMT 2003 CHIP End LSD

Thu Aug 21 18:03:35 GMT 2003 CHIP BiasLSD

Thu Aug 21 18:04:25 GMT 2003 CHIP End BiasLSD

Thu Aug 21 18:04:32 GMT 2003 CHIP Bias

Thu Aug 21 18:04:35 GMT 2003 PICS Flat

Thu Aug 21 18:05:23 GMT 2003 CHIP End Bias

Thu Aug 21 18:07:00 GMT 2003 PICS End Flat

PSPT PROBLEM : Thu Aug 21 18:01:57 GMT 2003

Removed and inspected filters before startup this morning. No haze on any filters, so it appears that removing the insulation stopped the hazing. Filter temp

was a little low (93.6) at 17:30 so we may need to find an alternate insulating material. Filter temp is now 94.6. There was a small amount of debris on the CaK filter, perhaps from removing the insulation.

PSPT COMMENT: Thu Aug 21 18:11:13 GMT 2003

Observing.

Thu Aug 21 19:28:01 GMT 2003 PICS End Patrol

Thu Aug 21 19:28:03 GMT 2003 CHIP End Patrol

Thu Aug 21 19:35:43 GMT 2003 CHIP Start Patrol

Thu Aug 21 19:35:45 GMT 2003 PICS Start Patrol

COMMENT: Thu Aug 21 19:39:50 GMT 2003

Paused to reconfigure dome shutter.

PSPT PROBLEM : Thu Aug 21 19:40:28 GMT 2003

Crashed at 19:23 during Regular Obs. Killed and restarted. Filter is now up to temperature and varies from 94 - 95.8.

Thu Aug 21 19:42:48 GMT 2003 MKIV Start Patrol

WEATHER COMMENT: Thu Aug 21 19:45:56 GMT 2003

Cirrus has cleared enough to start Mk4.

MKIV COMMENT: Thu Aug 21 19:46:33 GMT 2003

Centered 01 guider.

**** EVENT COMMENT ****: Thu Aug 21 21:00:59 GMT 2003

Possible CME. Faint outward motion visible in corona from about 20:00 until images began to degrade from cirrus around 20:40.

WEATHER COMMENT: Thu Aug 21 23:09:23 GMT 2003

Orographic clouds beginning to form.

Thu Aug 21 23:17:54 GMT 2003 MKIV End Patrol

WEATHER COMMENT: Thu Aug 21 23:19:52 GMT 2003

Idled Mk4 due to clouds.

PSPT PROBLEM : Thu Aug 21 23:28:43 GMT 2003

Crashed at 23:09 making jpeg images. Killed and restarted.

Fri Aug 22 00:58:53 GMT 2003 CHIP Start Patrol

Fri Aug 22 01:39:12 GMT 2003 CHIP End Patrol

Fri Aug 22 01:39:23 GMT 2003 PICS End Patrol

Fri Aug 22 01:46:25 GMT 2003 CHIP Start Patrol

Fri Aug 22 01:46:38 GMT 2003 PICS Start Patrol

Fri Aug 22 02:25:49 GMT 2003 CHIP End Patrol

Fri Aug 22 02:26:26 GMT 2003 PICS End Patrol

Fri Aug 22 02:32:50 GMT 2003

MkIV

19_42.rawmk4 20_27.rawmk4 21_09.rawmk4 21_50.rawmk4 22_36.rawmk4

19_45.rawmk4 20_30.rawmk4 21_12.rawmk4 21_53.rawmk4 22_39.rawmk4

19_51.rawmk4 20_33.rawmk4 21_14.rawmk4 21_56.rawmk4 22_42.rawmk4

19_55.rawmk4 20_36.rawmk4 21_17.rawmk4 21_59.rawmk4 22_45.rawmk4

19_58.rawmk4 20_39.rawmk4 21_20.rawmk4 22_02.rawmk4 22_48.rawmk4

20_01.rawmk4 20_42.rawmk4 21_23.rawmk4 22_07.rawmk4 22_51.rawmk4

20_04.rawmk4 20_45.rawmk4 21_26.rawmk4 22_11.rawmk4 22_54.rawmk4

20_07.rawmk4 20_48.rawmk4 21_29.rawmk4 22_14.rawmk4 22_57.rawmk4

20_10.rawmk4 20_51.rawmk4 21_32.rawmk4 22_17.rawmk4 22_59.rawmk4

20_13.rawmk4 20_54.rawmk4 21_35.rawmk4 22_20.rawmk4 23_02.rawmk4

20_16.rawmk4 20_57.rawmk4 21_38.rawmk4 22_23.rawmk4 23_05.rawmk4

20_19.rawmk4 21_00.rawmk4 21_41.rawmk4 22_27.rawmk4 23_08.rawmk4

20_22.rawmk4 21_03.rawmk4 21_44.rawmk4 22_30.rawmk4 23_11.rawmk4

20_24.rawmk4 21_06.rawmk4 21_47.rawmk4 22_33.rawmk4 23_14.rawmk4