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Mauna Loa Solar Observatory Observer's Log  
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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