

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Thu Mar 5 17:26:08 GMT 1998

Year: 98 Doy: 064

Observer: koon

WEATHER COMMENT: Thu Mar 5 17:26:11 GMT 1998

Clear sky, wind=5 mph from the South, temp=44 F.

Thu Mar 5 17:29:40 GMT 1998 MKIII Start Patrol

Thu Mar 5 17:29:46 GMT 1998 CHIP CHIP Start Patrol

Thu Mar 5 17:29:46 GMT 1998 CHIP CHIP Start Patrol

WEATHER COMMENT: Thu Mar 5 17:36:12 GMT 1998

Thin cirrostratus is moving over.

PICS COMMENT: Thu Mar 5 17:39:39 GMT 1998

Nice, big, EPL going off at PA=215 to 250, out to RV=1.3 currently.

Filament visible near footpoint at 215, and flare visible in progress at PA=250.

:01:15 GMT 1998 PICS Flat

MKIII COMMENT: Thu Mar 5 18:02:02 GMT 1998

Possible CME in progress at sight of EPL and flare. Cirrostratus is thinning and scans are looking better. Will keep an eye on it for a while longer before possibly sending out a CME Alert message.

Thu Mar 5 18:04:08 GMT 1998 CHIP End Bias

Thu Mar 5 18:04:17 GMT 1998 CHIP Water

Thu Mar 5 18:05:02 GMT 1998 CHIP End Water

COMMENT: Thu Mar 5 18:26:52 GMT 1998

I sent out a CME Alert since the classic CME structure is progressing, as seen in the MKIII scans. This is a big CME, and very well defined.

Currently there are no cirrostratus clouds causing problems.

PICS COMMENT: Thu Mar 5 18:44:25 GMT 1998

EPL is almost completely faded from view, RV=1.5

Thu Mar 5 19:01:15 GMT 1998 PICS Flat

Thu Mar 5 19:02:47 GMT 1998 PICS End Flat

Thu Mar 5 19:40:29 GMT 1998 CHIP Bias

CHIP COMMENT: Thu Mar 5 19:41:15 GMT 1998

Program crashed with Optics:Busy, fixed with Kill/Run.

Thu Mar 5 19:42:19 GMT 1998 CHIP CHIP Start Patrol

Thu Mar 5 20:01:04 GMT 1998 CHIP Gain

Thu Mar 5 20:01:24 GMT 1998 PICS Flat

Thu Mar 5 20:02:51 GMT 1998 PICS End Flat

Thu Mar 5 20:06:54 GMT 1998 CHIP End Gain

Thu Mar 5 20:07:04 GMT 1998 CHIP Bias

Thu Mar 5 20:08:00 GMT 1998 CHIP End Bias

Thu Mar 5 20:08:14 GMT 1998 CHIP Water

Thu Mar 5 20:08:59 GMT 1998 CHIP End Water

Thu Mar 5 21:01:03 GMT 1998 CHIP Bias

Thu Mar 5 21:01:12 GMT 1998 PICS Flat

Thu Mar 5 21:02:21 GMT 1998 CHIP End Bias

Thu Mar 5 21:02:30 GMT 1998 CHIP Water  
Thu Mar 5 21:02:46 GMT 1998 PICS End Flat  
Thu Mar 5 21:03:18 GMT 1998 CHIP End Water

MKIII COMMENT: Thu Mar 5 21:14:54 GMT 1998

As far as I can tell , there isn't any trace of the CME left in the scans.  
So I will finally do the calibration now. The sky is starting to get  
noisy too, but the cirrostratus only affected the start of the CME data.

COMMENT: Thu Mar 5 21:25:35 GMT 1998

Extended the dome slot.

Thu Mar 5 21:27:21 GMT 1998 MKIII Start Cal  
Thu Mar 5 22:01:04 GMT 1998 CHIP Bias  
Thu Mar 5 22:01:10 GMT 1998 PICS Flat  
Thu Mar 5 22:02:09 GMT 1998 CHIP End Bias  
Thu Mar 5 22:02:19 GMT 1998 CHIP Water  
Thu Mar 5 22:02:42 GMT 1998 PICS End Flat  
Thu Mar 5 22:03:06 GMT 1998 CHIP End Water  
Thu Mar 5 22:10:33 GMT 1998 PICS End Patrol  
Thu Mar 5 22:12:39 GMT 1998 CHIP CHIP End Patrol  
Thu Mar 5 22:13:30 GMT 1998 CHIP ending tape

COMMENT: Thu Mar 5 22:14:36 GMT 1998

TAPES:

\*\*\*\*\*

MKIII: H01760

PICS: P01132

CHIP: C00521

LOWL: L00499 in drive #1

Thu Mar 5 22:17:03 GMT 1998

MkIII

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 17_29.rawmk3 | 18_25.rawmk3 | 19_21.rawmk3 | 20_16.rawmk3 | 21_12.rawmk3  |
| 17_32.rawmk3 | 18_28.rawmk3 | 19_23.rawmk3 | 20_19.rawmk3 | 21_15.rawmk3  |
| 17_35.rawmk3 | 18_31.rawmk3 | 19_26.rawmk3 | 20_22.rawmk3 | 21_30.rawmk3  |
| 17_38.rawmk3 | 18_34.rawmk3 | 19_29.rawmk3 | 20_25.rawmk3 | 21_36.rawmk3  |
| 17_41.rawmk3 | 18_37.rawmk3 | 19_32.rawmk3 | 20_28.rawmk3 | 21_42.rawmk3  |
| 17_44.rawmk3 | 18_40.rawmk3 | 19_35.rawmk3 | 20_31.rawmk3 | 21_45.rawmk3  |
| 17_47.rawmk3 | 18_43.rawmk3 | 19_38.rawmk3 | 20_34.rawmk3 | 21_48.rawmk3  |
| 17_50.rawmk3 | 18_45.rawmk3 | 19_41.rawmk3 | 20_37.rawmk3 | 21_51.rawmk3  |
| 17_53.rawmk3 | 18_48.rawmk3 | 19_44.rawmk3 | 20_40.rawmk3 | 21_54.rawmk3  |
| 17_56.rawmk3 | 18_51.rawmk3 | 19_47.rawmk3 | 20_42.rawmk3 | 21_57.rawmk3  |
| 17_59.rawmk3 | 18_54.rawmk3 | 19_50.rawmk3 | 20_45.rawmk3 | 22_00.rawmk3  |
| 18_02.rawmk3 | 18_57.rawmk3 | 19_53.rawmk3 | 20_48.rawmk3 | 22_03.rawmk3  |
| 18_05.rawmk3 | 19_00.rawmk3 | 19_56.rawmk3 | 20_51.rawmk3 | 22_06.rawmk3  |
| 18_07.rawmk3 | 19_03.rawmk3 | 19_59.rawmk3 | 20_54.rawmk3 | c21_27.rawmk3 |
| 18_10.rawmk3 | 19_06.rawmk3 | 20_01.rawmk3 | 20_57.rawmk3 | c21_33.rawmk3 |
| 18_13.rawmk3 | 19_09.rawmk3 | 20_04.rawmk3 | 21_00.rawmk3 | c21_39.rawmk3 |
| 18_16.rawmk3 | 19_12.rawmk3 | 20_07.rawmk3 | 21_03.rawmk3 |               |

18\_19.rawmk3 19\_15.rawmk3 20\_10.rawmk3 21\_06.rawmk3  
18\_22.rawmk3 19\_18.rawmk3 20\_13.rawmk3 21\_09.rawmk3