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Mauna Loa Solar Observatory Observer's Log  
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Tue Feb 22 16:59:46 GMT 2000

Year: 00 Doy: 053

Observer: yasukawa

WEATHER COMMENT: Tue Feb 22 17:00:04 GMT 2000

Cold, in broken cirrus, strong south wind.

Tue Feb 22 17:00:37 GMT 2000 CHIP Startup--Initializing new tape

LOW-L COMMENT: Tue Feb 22 17:04:00 GMT 2000

Drive #1 at 81 files. Unloading L00672, cleaning drive #1, loading L00674.  
Data writing to L00673 in drive #0.

Tue Feb 22 17:15:15 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Tue Feb 22 17:15:26 GMT 2000 PICS Start Patrol

Tue Feb 22 17:17:42 GMT 2000 MKIV Start Patrol

GONG COMMENT: Tue Feb 22 17:40:33 GMT 2000

Going down to GONG while in clouds.

Tue Feb 22 18:02:43 GMT 2000 PICS Flat

Tue Feb 22 18:05:17 GMT 2000 PICS End Flat

GONG COMMENT: Tue Feb 22 18:06:15 GMT 2000

Back from GONG, still in cirrus.

WEATHER COMMENT: Tue Feb 22 19:01:29 GMT 2000

Clear hole, got first complete mk4 coronal scan for the day.

COMMENT: Tue Feb 22 19:38:40 GMT 2000

Either had a declination reset or a major blow (wind buffet).

Repointed spar and reset guider.

\*\*\*\* EVENT COMMENT \*\*\*\*: Tue Feb 22 19:49:30 GMT 2000

CME at PA 70-90 from around 1900 UT.

Tue Feb 22 20:03:53 GMT 2000 CHIP Gain7

Tue Feb 22 20:12:36 GMT 2000 CHIP End Gain

Tue Feb 22 20:12:47 GMT 2000 CHIP Bias

Tue Feb 22 20:13:26 GMT 2000 CHIP End Bias

\*\*PSPT PROBLEM\*\*: Tue Feb 22 21:11:28 GMT 2000

1100 UT data series was mostly fuzzy. It was a good opportunity to check things out. Looked at meters in drive mode, the needles were moving around, but not very rapidly. Movement was in very small oscillations. I could feel vibrations on the optics chassis so I looked into the compartment and I could definitely feel the active mirror vibrating rapidly. I suspect there might be some sort of oscillation in the drive signal, cause unknown at this point. We thought it might be related to the solar image size, but the oscillations have been occurring through summer and winter where the solar size should have gone through its minimum and maximum size.

WEATHER COMMENT: Tue Feb 22 22:07:30 GMT 2000

In cirrus.

Tue Feb 22 22:07:59 GMT 2000 PICS End Patrol

Tue Feb 22 22:08:58 GMT 2000 CHIP CHIP End Patrol

Tue Feb 22 22:11:43 GMT 2000 CHIP ending tape

COMMENT: Tue Feb 22 22:16:58 GMT 2000

Tapes:

MKIV: 00-053

PICS: P01671

CHIP: C01048

LOWL: L00673 in drive #0

Tue Feb 22 22:19:21 GMT 2000

MkIV

17_17.rawmk4	18_17.rawmk4	19_25.rawmk4	20_25.rawmk4	21_24.rawmk4
17_20.rawmk4	18_19.rawmk4	19_28.rawmk4	20_28.rawmk4	21_27.rawmk4
17_23.rawmk4	18_22.rawmk4	19_31.rawmk4	20_31.rawmk4	21_30.rawmk4
17_26.rawmk4	18_25.rawmk4	19_34.rawmk4	20_34.rawmk4	21_33.rawmk4
17_29.rawmk4	18_28.rawmk4	19_37.rawmk4	20_37.rawmk4	21_36.rawmk4
17_32.rawmk4	18_31.rawmk4	19_40.rawmk4	20_40.rawmk4	21_39.rawmk4
17_35.rawmk4	18_34.rawmk4	19_43.rawmk4	20_43.rawmk4	21_42.rawmk4
17_38.rawmk4	18_37.rawmk4	19_46.rawmk4	20_45.rawmk4	21_45.rawmk4
17_41.rawmk4	18_40.rawmk4	19_49.rawmk4	20_48.rawmk4	21_48.rawmk4

17_44.rawmk4	18_43.rawmk4	19_52.rawmk4	20_51.rawmk4	21_51.rawmk4
17_47.rawmk4	18_46.rawmk4	19_55.rawmk4	20_54.rawmk4	21_54.rawmk4
17_50.rawmk4	18_49.rawmk4	19_58.rawmk4	20_57.rawmk4	21_57.rawmk4
17_53.rawmk4	18_52.rawmk4	20_01.rawmk4	21_00.rawmk4	22_00.rawmk4
17_56.rawmk4	18_55.rawmk4	20_04.rawmk4	21_03.rawmk4	22_03.rawmk4
17_59.rawmk4	18_58.rawmk4	20_07.rawmk4	21_06.rawmk4	22_06.rawmk4
18_02.rawmk4	19_01.rawmk4	20_10.rawmk4	21_09.rawmk4	c19_04.rawmk4
18_05.rawmk4	19_07.rawmk4	20_13.rawmk4	21_12.rawmk4	c19_10.rawmk4
18_08.rawmk4	19_13.rawmk4	20_16.rawmk4	21_15.rawmk4	c19_16.rawmk4
18_11.rawmk4	19_19.rawmk4	20_19.rawmk4	21_18.rawmk4	
18_14.rawmk4	19_22.rawmk4	20_22.rawmk4	21_21.rawmk4	