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Mauna Loa Solar Observatory Observer's Log  
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Fri Jun 2 16:22:51 GMT 2000  
Year: 00 Doy: 154  
Observer: yasukawa  
WEATHER COMMENT: Fri Jun 2 16:23:41 GMT 2000

cool, clear, light southeast wind.  
COMMENT: Fri Jun 2 16:24:05 GMT 2000  
Cleaning MKIV, PICS and CHIP exabyte drives.  
Fri Jun 2 16:26:52 GMT 2000 CHIP Startup--Initializing new tape  
Fri Jun 2 16:31:42 GMT 2000 CHIP CHIP Start 7 Passband Patrol  
Fri Jun 2 16:31:52 GMT 2000 PICS Start Patrol  
Fri Jun 2 16:32:17 GMT 2000 MKIV Start Patrol  
LOW-L COMMENT: Fri Jun 2 16:37:17 GMT 2000  
L00718 at 69 files. Unloading and loading L00720 in drive #0 after  
cleaning drive. Data now writing to L00719 in drive #1.  
Fri Jun 2 18:04:21 GMT 2000 PICS Flat  
Fri Jun 2 18:07:22 GMT 2000 PICS End Flat  
WEATHER COMMENT: Fri Jun 2 18:17:18 GMT 2000  
In thin cirrus  
Fri Jun 2 19:36:19 GMT 2000 PICS End Patrol  
COMMENT: Fri Jun 2 19:36:41 GMT 2000  
Stopping to reconfigure dome shutter.  
Fri Jun 2 19:39:01 GMT 2000 CHIP CHIP End Patrol  
Fri Jun 2 19:49:13 GMT 2000 MKIV Start Patrol  
Fri Jun 2 19:49:37 GMT 2000 PICS Start Patrol  
Fri Jun 2 19:49:37 GMT 2000 PICS Start Patrol  
Fri Jun 2 20:00:42 GMT 2000 CHIP Gain7  
Fri Jun 2 20:09:20 GMT 2000 CHIP End Gain  
Fri Jun 2 20:09:31 GMT 2000 CHIP Bias  
Fri Jun 2 20:10:28 GMT 2000 CHIP End Bias  
\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Jun 2 20:28:23 GMT 2000  
Possible ongoing CME between PA 60-100.  
\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Jun 2 20:34:47 GMT 2000  
Now expansion is very noticeable and rapid.  
Very large and spectacular!  
\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Jun 2 21:56:01 GMT 2000  
There has been a second, also quite spectacular CME burst ongoing  
at the same PA 60-130 region.  
\*\*LOW-L PROBLEM\*\*:  
Rats! LOWL crashed at 1731 UT with 1 file on L00719 in drive 1.  
Drive 1 crashed system with a header error again.  
Reloaded L00719 and reset PC to restart program since there was  
not much data on the tape compared to data lost. If this tape  
header error crash recurs, we will need to go to single drive  
mode, changing tape and restarting with drive #0 each time

drive 0 approaches 70 files, keeping drive #1 only as backup to catch any overflow due to staff absence, inattention, or drive 0 crashes.

\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Jun 2 22:27:34 GMT 2000

Latest images at LASCO and SDAC websites show spectacular structure (1900 GMT) at the two large active regions near the east limb, probably the origin of the CMEs we are observing.

WEATHER COMMENT: Fri Jun 2 22:42:34 GMT 2000

Orographic clouds are forming all around station, sky deteriorating.

WEATHER COMMENT: Fri Jun 2 22:49:37 GMT 2000

In orographic clouds.

Fri Jun 2 22:52:02 GMT 2000 CHIP CHIP End Patrol

Fri Jun 2 22:53:24 GMT 2000 CHIP ending tape

Fri Jun 2 22:53:47 GMT 2000 PICS End Patrol

\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Jun 2 22:59:25 GMT 2000

CME activity had subsided by the time the orographic clouds came in.

LOW-L COMMENT: Fri Jun 2 23:00:02 GMT 2000

LOWL is still running at this time, writing to drive #1.

It just finished the first file and started writing scans to the next file. No header crash yet.

COMMENT: Fri Jun 2 23:02:10 GMT 2000

Tapes:

MKIV: 00-154

PICS: P01764

CHIP: C01143

LOWL: L00719 in drive #1

Fri Jun 2 23:04:01 GMT 2000

MkIV

16_32.rawmk4	17_46.rawmk4	19_10.rawmk4	20_36.rawmk4	21_50.rawmk4
16_35.rawmk4	17_49.rawmk4	19_13.rawmk4	20_39.rawmk4	21_53.rawmk4
16_38.rawmk4	17_52.rawmk4	19_16.rawmk4	20_42.rawmk4	21_56.rawmk4
16_41.rawmk4	17_55.rawmk4	19_19.rawmk4	20_45.rawmk4	21_59.rawmk4
16_44.rawmk4	17_58.rawmk4	19_22.rawmk4	20_48.rawmk4	22_02.rawmk4
16_47.rawmk4	18_01.rawmk4	19_25.rawmk4	20_51.rawmk4	22_05.rawmk4
16_50.rawmk4	18_04.rawmk4	19_28.rawmk4	20_54.rawmk4	22_08.rawmk4
16_53.rawmk4	18_10.rawmk4	19_31.rawmk4	20_57.rawmk4	22_11.rawmk4
16_56.rawmk4	18_16.rawmk4	19_34.rawmk4	21_00.rawmk4	22_14.rawmk4
16_59.rawmk4	18_22.rawmk4	19_39.rawmk4	21_03.rawmk4	22_17.rawmk4
17_02.rawmk4	18_25.rawmk4	19_52.rawmk4	21_06.rawmk4	22_20.rawmk4
17_04.rawmk4	18_28.rawmk4	19_55.rawmk4	21_09.rawmk4	22_23.rawmk4
17_07.rawmk4	18_31.rawmk4	19_58.rawmk4	21_12.rawmk4	22_26.rawmk4
17_10.rawmk4	18_34.rawmk4	20_01.rawmk4	21_15.rawmk4	22_29.rawmk4
17_13.rawmk4	18_37.rawmk4	20_04.rawmk4	21_18.rawmk4	22_32.rawmk4
17_16.rawmk4	18_40.rawmk4	20_07.rawmk4	21_21.rawmk4	22_35.rawmk4
17_19.rawmk4	18_43.rawmk4	20_10.rawmk4	21_24.rawmk4	22_38.rawmk4
17_22.rawmk4	18_46.rawmk4	20_12.rawmk4	21_27.rawmk4	22_41.rawmk4
17_25.rawmk4	18_49.rawmk4	20_15.rawmk4	21_30.rawmk4	22_44.rawmk4

17_28.rawmk4	18_52.rawmk4	20_18.rawmk4	21_33.rawmk4	22_47.rawmk4
17_31.rawmk4	18_55.rawmk4	20_21.rawmk4	21_36.rawmk4	22_50.rawmk4
17_34.rawmk4	18_58.rawmk4	20_24.rawmk4	21_39.rawmk4	c18_07.rawmk4
17_37.rawmk4	19_01.rawmk4	20_27.rawmk4	21_41.rawmk4	c18_13.rawmk4
17_40.rawmk4	19_04.rawmk4	20_30.rawmk4	21_44.rawmk4	c18_19.rawmk4
17_43.rawmk4	19_07.rawmk4	20_33.rawmk4	21_47.rawmk4	