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KMSC

HAUS BOU 140400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 537A ISSUED 0400Z 14 FEBRUARY 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS

A. SOLAR ACTIVITY CONTINUES TO BE CONFINED TO THE REGION

N18W40. SINCE SDF 536B ONLY ONE CLASS M EVENT HAS OCCURRED

13/2226Z. CLASS C ACTIVITY HOWEVER HAS BEEN VERY FREQUENT.

THIS REGION HAS BEEN CHANGING DURING THE LAST 13 HOURS AND

HAS SIMPLIFIED IN ITS STRUCTURE. THE OTHER REGIONS ON THE ← WHAT

DISK ARE STABLE. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY WILL CONTINUE AT ITS PRESENT LEVEL WHILE
THE REGION N18W40 REMAINS ON THE DISK. THE GEOMAGNETIC FIELD
WILL BE DISTURBED, NOT STORM PROPORTION, THE REMAINDER OF THIS
FORECAST PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 14 FEB/0400Z ENDING 17 FEB/0400Z.

CLASS M OR GREATER 80/80/80

CLASS X 30/30/30

PROTON EVENTS 10/10/10

D. OTAWA 10.7CM FLUX 13/1700Z AND 2000Z WERE 203 AND 204
RESPECTIVELY.

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ABOUT
~~SUMMARY~~
S11E40?

No ACTIVITY
REPORTED 13/0400Z

NNNN1852

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KMSC

HAUS BOU 141852Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 537B ISSUED 1700Z 14 FEBRUARY 1970

CLASS M FLARES ARE EXPECTED IN THE NEXT 11 HOURS.

now A. THE REGION AT N18W52 APPEARS TO BE SIMPLIFYING IN ITS MAGNETIC COMPLEXITY, ALTHOUGH CLASS C FLARES, AND INFREQUENT CLASS M ACTIVITY IS AS AT 14/1013Z CONTINUE. CLASS M ACTIVITY, BEGINNING 14/0431Z, IS REPORTED FROM THE S12E35 REGION. FINALLY, THE REGION AT S20E60, WHICH MT. WILSON INDICATES TO HAVE A MAGNETIC DELTA CONFIGURATION, HAS PRODUCED LITTLE ACTIVITY, AND WITH ITS FEATURELESS PLAGE, AND LACK OF EMBEDDED FILAMENTS, IT IS CONSIDERED ONLY OF TECHNICAL ???

IMPORTANCE. THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED, AND PROTON FLUXES, AS REPORTED BY ATS-1 MEASUREMENTS, ARE AT BACKGROUND.

B. CLASS M FLARES EXPECTED FROM N18W52 AND S12E35 REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14FEB/1700Z ENDING 17FEB/1700Z.

CLASS M OR GREATER 100/90/80

CLASS X 20/15/10

PROTON EVENTS 15/10/05

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 204. PREDICTED 205/190/185.

E. MAGNETIC A-FREDERICKSBURG FOR 13 FEBRUARY WAS 08. FOR 14 FEB

ABOUT 12. PREDICTED AP FOR 15-17 FEB, 10/08/06.

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