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KMSC

HAUS BOU 030400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 526A ISSUED 0400Z 03 FEB 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONSISTED OF NUMEROUS CLASS C FLARES AND ONE CLASS M FLARE OPTICAL SN AT 2142 IN REGION N17W41. THIS REGION HAS SHOWN RAPID GROWTH DURING THE PAST 11 HOURS. THE REGION AT S09W71 HAS ALSO SHOWN GROWTH AND DEVELOPMENT. BOTH OF THESE REGIONS ARE CAPABLE OF CLASS M FLARES, OTHER REGIONS ON THE DISK APPEAR QUITE STABLE. THE GEOMAGNETIC FIELD REMAINS DISTURBED.

B. CLASS C FLARE ACTIVITY WILL CONTINUE AND AN OCCASIONAL CLASS M EVENT IS PROBABLE. THE GEOMAGNETIC FIELD WILL REMAIN DISTURBED FOR 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 FEB/0400Z ENDING 06 FEB/0400Z.

CLASS M OR GREATER 30/30/30

CLASS X 10/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX 02/1700Z AND 2000Z WERE BOTH 137

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HAUS BOU 031705Z  
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 526B ISSUED 1700Z 03 FEBRUARY 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY IS DECREASING SHARPLY WITH ONLY A FEW  
CLASS C FLARE BEING REPORTED. THE CLASS M EVENT REPORTED  
IN SDF 526A HAS BEEN RECLASSIFIED AS A CLASS X EVENT BASED ON  
THE LATEST X-RAY DATA. THIS FLARE WHICH OCCURRED AT 02/2140Z  
WAS OBSERVED AS A VERY BRIGHT MOUND AT S20WL AND PRODUCED AN  
IMPORTANCE 3 SPA AT 02/2138Z AND A COMPLEX 8800 MHZ RADIO BURST  
OF 410 F.U. AT 02/2137Z. ALL REGIONS CURRENTLY ON THE DISK ARE  
SMALL AND STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. NO REGIONS ON THE DISK ARE SUFFICIENTLY DEVELOPED TO SUPPORT  
CLASS M ACTIVITY. A SERIES OF SMALL, INACTIVE SOUTHERN HEMISPHERE  
REGIONS ON THEIR PREVIOUS ROTATION, WILL BE RETURNING DURING THE  
NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 03/1700Z ENDING 06/1700Z.

CLASS M OR GREATER 30/25/25

CLASS X 02/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 128. PREDICTED 120/115/112.

E. MAGNETIC A-FREDERICKSBURG FOR 02 FEB WAS 16. FOR 03 FEB  
ABOUT 07. PREDICTED AP FOR 04-06 FEB 08/06/06.

SOLTERWARM

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