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HAUS BOU 240400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 114A ISSUED 0400Z 24 APRIL 1971

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY DURING THE 11 HOURS HAS BEEN VERY LOW. THE REGIONS JUST MAKING THEIR WEST LIMB PASSAGE HAVE PRODUCED A FEW NON-ENERGETIC SUBFLARES. SOME SLIGHT GROWTH HAS BEEN NOTED IN THE REGION S11E35. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVEL. THE REGIONS PASSING THE WEST LIMB MAY GIVE OCCASIONAL FLARE ACTIVITY, NO MAJOR ACTIVITY IS EXPECTED. THE GEOMAGNETIC FIELD WILL REMAIN SLIGHTLY DISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 APRIL/0400Z ENDING 27 APRIL/0400Z.

CLASS M OR GREATER 60/40/30

CLASS X 05/03/01

PROTON EVENTS 05/03/01

D. OTTAWA 10.7 CM FLUXES FOR 23/1700Z AND 23/2000Z WERE 120 AND 116 RESPECTIVELY.

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HAUS BOU 241707

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 114B ISSUED 1700Z 24 APRIL 1971

NO ENERGETIC FLARES ARE EXPECTED DURING THE 11-HOUR INTERIM  
BETWEEN MESSAGES.

A. CLASS C SUBFLARE ACTIVITY HAS BEEN ESSENTIALLY CONFINED TO  
THE NW LIMB. BETWEEN ABOUT N18 AND 20 BRIGHT SURGES HAVE BEEN  
OBSERVED THERE ALMOST CONTINUOUSLY TODAY ALONG WITH OCCASIONAL  
MOUND ACTIVITY. NEAR S07E90 SIMILAR TYPE LIMB PHENOMENA ARE  
CURRENTLY IN EVIDENCE. ON THE DISK CONDITIONS REMAIN QUIET. NO  
DYNAMIC GROWTH OR DECAY IS OBVIOUS WITHIN ANY OF THE SIX SMALL  
GROUPS. THE LOCAL 3-HOUR RANGE INDICES HAVE NOT EXCEEDED K EQUAL  
ONE, REFLECTING THE UNDISTURBED GEOMAGNETIC CONDITIONS THAT EXIST  
EVEN AT HIGH LATITUDES.

B. THE OVERALL LEVEL AND FREQUENCY OF FLARES ARE EXPECTED TO  
DECLINE SLIGHTLY AND REMAIN DEPRESSED FOR AT LEAST THE 72 HOURS  
COVERED BY THIS FORECAST MESSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 24 APR/1700Z ENDING 27 APR/1700Z.

CLASS M OR GREATER 40/30/30

CLASS X 03/01/01

PROTON EVENTS 03/01/01

D. OTTAWA 10.7 CM FLUX FOR 24/1400Z WAS 107. PREDICTED 10.7 CM  
FLUX FOR 25-27 APR IS 110/105/104.

E. MAGNETIC A-FREDERICKSBURG FOR 23 APR WAS 08. FOR 24 APR ABOUT  
04 PREDICTED AP FOR 25-27 APR, 03/01/08.

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