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KBOU

HFUS BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 025 ISSUED 2200Z 25 JAN 1972

A. SOLAR ACTIVITY HAS BEEN FREQUENT BUT MINOR.

THE MOST ENERGETIC FLARE HAS BEEN A CLASS C8 FLARE AT 25/0648Z
IN REGION 015 (S16W73).

APPARENT SLOW DECAY HAS CONTINUED IN REGION 015.

FAIRLY ENERGETIC NEW GROWTH HAS BEEN IN PROGRESS IN REGION
022 (S07W23) WHERE PREVIOUS SPOTS HAD DISAPPEARED. THE
GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. FREQUENT NON-ENERGETIC FLARES ARE EXPECTED FROM SEVERAL
DISK REGIONS. AS SLOW DECAY CONTINUES IN REGION 015 ITS
SUBFLSRE RATE SHOULD DECLINE. DESPITE ITS DECAY AT OPTICAL
WAVELENGTHS, REGION 015 RETAINS SEVERAL SIGNS OF CORONAL ACTIVITY
AND REMAINS A PROBABLE SOURCE OF A MODERATE SIZE PROTON EVENT
SOMETIME IN THE NEXT 5 TO 6 DAYS. IF IT COMES IN 2 TO 3
DAYS A MAGNETIC STORM WOULD ALSO BE PROBABLE.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS
BEGINNING 26 JAN/0000Z ENDING 28 JAN/2400Z.

CLASS M OR GREATER 65/65/65

CLASS X 10/10/10

PROTON EVENT 15/15/20

D. OTTAWA 10.7 CM FLUXES FOR 25/1400Z, 1700Z AND 2000Z WERE
139, 136 AND 134. PREDICTED 10.7 CM FLUXES FOR 26-28 JAN ARE
138/135/130.

E. MAGNETIC A-FREDERICKSBURG FOR 24 JAN WAS 08. FOR 25 JAN
ABOUT 08. PREDICTED AP FOR 26-28 JAN ARE 12/14/11.

SOLTERWARN

SPAN

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