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HXUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 023 ISSUED 2200Z 23 JAN 1972

A. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. REGION 015 (S15W43) WHICH CONTINUES TO DECAY

SLOWLY HAS LOST ITS DELTA CONFIGURATION. REGIONS 017 (N16-W56), 020 (S16W61), AND 023 (S12W02) HAVE PRODUCED ONE OR MORE SUBFLARES. A NEW REGION 025 (S14E71) HAS JUST ROTATED ONTO THE DISK. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 24 HOURS.

B. EXPECT REGION 015 TO PRODUCE AN OCCASIONAL SUBFLARE (ABOUT ONE PER DAY). REGIONS 017 AND 020 SHOULD PRODUCE OCCASIONAL SUBFLARES. THE GEOMAGNETIC FIELD WILL BE ACTIVE TO UNSETTLED THE NEXT 24 HOURS. AROUND 25 JAN ACTIVITY MAY INCREASE DUE TO A RECURRENT DISTURBANCE DUE BACK ABOUT THAT TIME.

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

CLASS M OR GREATER 70/65/65

CLASS X 15/10/10

PROTON EVENT 10/05/05

D. OTTAWA 10.7 CM FLUXES FOR 23/1400Z, 1700Z AND 2000Z WERE 139, 140 AND 139. PREDICTED 10.7 CM FLUXES FOR 24-26 JAN ARE 132/130/129.

E. MAGNETIC A-FREDERICKSBURG FOR 22 JAN WAS 20. FOR 23 JAN ABOUT 16. PREDICTED AP FOR 24-26 JAN ARE 12/16/11.

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