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HXUS BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 030 ISSUED 2200Z 30 JANUARY 1972

ONLY CLASS C SUBFLARES EXPECTED

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL.

REGION 033 (S15W25) HAS PRODUCED FOUR CLASS C SUBFLARES.

MINOR SURGES HAVE BEEN FREQUENT ON THE WEST LIMB NEAR S10-15

WHERE 022 AND 027 ARE CROSSING THE LIMB. REGION 033 CONTINUES TO GROW SLOWLY BUT REMAINS MAGNETICALLY SIMPLE. A NEW REGION, NUMBER 036, IS DEVELOPING NEAR N10W54. THE GEOMAGNETIC FIELD WAS UNSETLED UNTIL 30/0300Z. IT IS NOW QUIET.

B. ONLY MINOR ACTIVITY IS EXPECTED DURING THE NEXT 72 HOURS.

THE GEOMAGNETIC FIELD SHOULD BE QUIET THROUGH 02 FEBRUARY.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS

BEGINNING 31 JAN/0000Z ENDING 02 FEB/2400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENT 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 30/1400Z AND 2000Z WERE 117 AND 121. PREDICTED 10.7CM FLUXES FOR 31 JAN - 02 FEB ARE 115/111/108.

E. MAGNETIC A-FREDERICKSBURG FOR 29 JAN WAS 12. FOR 30 JAN ABOUT 06. PREDICTED AP FOR 31 JAN - 02 FEB ARE 07/05/06.

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