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HXUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 059 ISSUED 2200Z 28 FEB 1972

A. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS.

SIX CLASS C SUBFLARES HAVE BEEN REPORTED.

REGIONS 066/067 ARE PRODUCING SUBFLARES AND MINOR SURGES AS THEY PASS FROM VIEW NEAR N10. REGIONS 070 (S15W46) AND 078

(S08E39), THE LARGEST REGIONS REMAINING IN THE DISK, HAVE BEEN RELATIVELY STABLE.

REGION 070 DOES CONTAIN A SLIGHTLY COMPLEX NEUTRAL LINE.

NEW REGIONS ARE DEVELOPING NEAR N03W22 (081), S10E08 (082), AND N20E33 (083).

REGION 080 (N02E02), FIRST OBSERVED YESTERDAY, HAS GROWN SLOWLY TO A B-TYPE GROUP. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY WILL BE RELATIVELY LOW FOR THE NEXT THREE DAYS. INFREQUENT SMALL CLASS M EVENTS ARE POSSIBLE FROM REGION 070.

THE GEOMAGNETIC FIELD IS EXPECTED TO BE SLIGHTLY UNSETTLED ON 29 FEB AND QUIET 01-02 MARCH.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29 FEB/0000Z ENDING 02 MAR/2400Z.

CLASS M OR GREATER 40/30/30

CLASS X 02/02/02

PROTON EVENT 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 28/1400Z 1700Z AND 2000Z WERE 136, 137 AND 134. PREDICTED 10.7 CM FLUXES FOR 29 FEB - 02 MAR ARE 132/128/124.

E. MAGNETIC A-FREDERICKSBURG FOR 27 FEB WAS 04. FOR 28 FEB ABOUT 06. PREDICTED AP FOR 29 FEB - 02 MAR ARE 10/08/08.

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