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HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 060 ISSUED 2200Z 29 FEBRUARY 1972

A. SOLAR ACTIVITY FROM DISK FEATURES IS AT A LOW LEVEL. REGION 080 /NO9W12/ HAS GROWN IN ALL PARAMETERS DURING THE PAST 24 HOURS BUT REMAINS SIMPLE MAGNETICALLY. A M2 XRAY EVENT, MAX 1519Z, HAD WEAK CORONAL CONDENSATION AND AN APR REPORTED AT THE TIME NEAR SE07. AT 2000Z A VERY LARGE, STRONG SUNSPOT IS CROSSING THE LIMB AT THIS POSITION. THIS IS NOT A RETURNING REGION. A SMALL REGION IS ALSO CROSSING THE EAST LIMB NEAR N14. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. WITH THE LARGE SUNSPOT CROSSING EAST LIMB AND THE EVENT OF 1519Z, THE PROBABILITIES ARE REVISED UPWARD. THE GEOMAGNETIC FIELD IS EXPECTED TO BE SLIGHTLY UNSETTLED FOR THE NEXT 24-36 HOURS AND THEN BECOME QUIET.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 MAR/0000Z ENDING 03 MAR/2400Z.

CLASS M OR GREATER 50/50/60

CLASS X 02/03/05

PROTON EVENT 05/05/10

D. OTTAWA 10.7CM FLUXES FOR 29/1400Z 1700Z AND 2000Z WERE 135, 135 AND 132. PREDICTED 10.7CM FLUXES FOR 01-03 MAR ARE 135/138/142.

E. MAGNETIC A-FREDERICKSBURG FOR 28 FEB WAS 05. FOR 29 FEB ABOUT 02. PREDICTED AP FOR 01-03 MAR ARE 07/04/03.

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