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HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 241 ISSUED 2200Z 28 AUGUST 1972

A. SOLAR ACTIVITY HAS CONSISTED MAINLY OF C-CLASS SUBFLARES FROM THE AREA CENTERED ON REGION 375 /N17E72/. FIVE REGIONS ARE CLUSTERED IN THIS AREA AND ARE APT TO AFFECT EACH OTHER. THE ENTIRE CLUSTER HAS NOT YET COMPLETED LIMB PASSAGE, MAKING ANALYSIS DIFFICULT. THESE REGIONS HAVE PRODUCED ABOUT TWELVE SUBFLARES IN THE PAST 24 HOURS. OTHER REGIONS APPEAR RATHER STABLE. THE GEOMAGNETIC FIELD HAS BECOME QUIET DURING THE PAST 24 HOURS.

B. AN OCCASIONAL M-CLASS FLARE CAN BE EXPECTED FROM THE COMPLEX SURROUNDING REGION 375. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

C. EVENT PROBABILITIES 29 AUG/0000Z-31 AUG/2400Z

CLASS M 50/50/50

CLASS X 05/05/05

PROTON 02/05/05

D. OTTAWA 10.7 CM FLUX

OBSERVED 28 AUG/1700Z 147

PREDICTED 29 AUG-31 AUG 152-155-155

E. A-FREDERICKSBURG

OBSERVED 27 AUG 18

ESTIMATED 28 AUG 8

PREDICTED 29 AUG-31 AUG 08-06-06

SOLTERWARN

SPAN

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