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KBOU

HFUS BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 233 ISSUED 2200Z 20 AUGUST 1972

A. SOLAR ACTIVITY HAS BEEN RELATIVELY LOW DURING THE PAST 24 HOURS. REGION 367, ROTATING ONTO THE DISK IN THE SOUTHEAST, APPEARS TO BE THE LARGEST AND MOST SIGNIFICANT DISK FEATURE. ONLY TWO SPOTS ARE VISIBLE IN THIS AREA, BUT PROMINENCE ACTIVITY INDICATES THAT A PORTION OF THE REGION IS STILL LOCATED BEHIND THE LIMB. REGIONS 366 /N12E49/ AND 365 /S03E49/ ARE DEVELOPING SLOWLY. THE GEOMAGNETIC FIELD REMAINS UNSETTLED.

B. FLARE ACTIVITY SHOULD INCREASE AS REGION 367 ROTATES ONTO THE DISK. THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE ON 21 AUGUST AND UNSETTLED ON 22 AND 23 AUGUST.

C. EVENT PROBABILITIES 21 AUG/0000Z-23 AUG/2400Z

CLASS M 25/30/35

CLASS X 01/01/05

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 20 AUG/1700Z 115

PREDICTED 21 AUG-23 AUG 119-123-128

E. A-FREDERICKSBURG

OBSERVED 19 AUG 12

ESTIMATED 20 AUG 12

PREDICTED 21 AUG-23 AUG 18-12-10

SOLTERWARN

SPAN

BT