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KBOU

HFUS BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 235 ISSUED 2200Z 22 AUGUST 1972

A. SOLAR ACTIVITY FOR THIS PERIOD CENTERED ON A 1N FLARE FROM REGION 367 /S14E56/ WHICH HAD A MAXIMUM OBSERVED INTENSITY AT 1220Z. X-RAY CLASSIFICATION OF THIS EVENT WAS M-2. ALL OF THE INTERESTING REGIONS PRESENTLY ON THE DISK ARE STILL NOT IMPRESSIVE, ALTHOUGH THE AREA AROUND 367 DOES APPEAR TO BE A SOURCE OF FURTHER ENERGETIC ACTIVITY. THE MAGNETIC FIELD HAS BEEN UNSETTLED.

B. SOLAR ACTIVITY FOR THIS PERIOD SHOULD BE ESSENTIALLY CONFINED TO THE AREA OF 367 AND RETURNING REGIONS EXPECTED TO APPEAR TOWARD THE END OF THIS 72 HOUR PERIOD. ANY ENERGETIC ACTIVITY WILL PROBABLY COME FROM THESE RETURNING REGIONS RATHER THAN THOSE PRESENTLY ON THE DISK. THE MAGNETIC FIELD SHOULD APPROACH A QUIET STATUS TOWARD THE END OF THIS PERIOD.

C. EVENT PROBABILITIES 23 AUGUST/0000Z-25 AUGUST/2400Z

CLASS M 35/40/45

CLASS X 01/02/04

PROTON 01/02/04

D. OTTAWA 10.7 CM FLUX

OBSERVED 22 AUGUST/1700Z 126

PREDICTED 23 AUGUST-25 AUGUST 126-128-130

E. A-FREDERICKSBURG

OBSERVED 21 AUGUST 11

ESTIMATED 22 AUGUST 13

PREDICTED 23 AUGUST-25 AUGUST 8-6-6

SOLTERWARN

SPAN

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