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KBOU

HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 254 ISSUED 2200Z 10 SEPT 1972

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL, WITH ALL VISIBLE REGIONS REMAINING UNINTERESTING. THE MOST SIGNIFICANT EVENTS TODAY HAVE BEEN RADIO EVENTS, WITH AN IMPORTANCE 3 TYPE II RADIO BURST AT 10/1745Z AND STRONG CONTINUUM BETWEEN 24 AND 80 MHZ AT VARIOUS TIMES DURING THE DAY. MINOR SURGES HAVE ACCOMPANIED THE PASSAGE OF NEW REGION 406 /S09E83/ ONTO THE DISK. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE FIRST PART OF THE DAY AND MILDLY ACTIVE THE LATTER PART, WITH A NOTICABLE INCREASE IN ACTIVITY /POSSIBLY A GRADUAL COMMENCEMENT/ AT 10/2010Z.

B. ACTIVITY IS EXPECTED TO REMAIN LOW, ALTHOUGH ACTIVITY IN THE RADIO SPECTRUM AND SOME SURGE ACTIVITY ON THE SE LIMB NEAR SE25 SUGGEST THAT AN ACTIVE REGION MAY BE APPROACHING. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED FOR THE NEXT 72 HOURS.

C. EVENT PROBABILITIES 11 SEPT/0000Z-13 SEPT/2400Z

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7CM FLUX

OBSERVED 10 SEPT/1700Z 106

PREDICTED 11-13 SEPT 105-108-110

E. A-FREDERICKSBURG

OBSERVED 09 SEPT 006

ESTIMATED 10 SEPT 013

PREDICTED 11-13 SEPT 010-010-012

SOLTERWARN

SPAN

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