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KBOU

HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 206 ISSUED 2200Z 24 JULY 1972

A. SOLAR ACTIVITY REMAINED AT A LOW LEVEL FOR THIS PERIOD. NO FLARE ACTIVITY WAS REPORTED FOR THE PAST 24 HOURS. THE FEATURES VISIBLE ON THE DISK AT THIS TIME ARE QUITE UNIMPRESSIVE AND DO NOT EXHIBIT COMPLICATED MAGNETIC STRUCTURE. THERE HAS BEEN A MODERATE INCREASE IN THE NUMBER OF PROTONS DETECTED BY ATS 1. /THE LEVEL AT 24/1800Z WAS 5.0 P/CM<sup>2</sup>S/ THE MAGNETIC FIELD HAS BEEN UNSETTLED FOR MOST OF THIS PERIOD.

B. PRESENT DISK FEATURES PROMISE A CONTINUED LOW LEVEL OF SOLAR ACTIVITY. NO SIGNIFICANT RETURNING REGIONS ARE EXPECTED TO APPEAR ON THE DISK DURING THE NEXT 72 HOURS. REGION 319 /S17E73/ IS THE REGION MOST LIKELY TO PRODUCE ACTIVITY OF ANY TYPE DURING THIS PERIOD. THE MAGNETIC FIELD SHOULD REMAIN UNSETTLED, BUT APPROACH A QUIET STATUS TOWARD THE END OF THIS PERIOD.

C. EVENT PROBABILITIES 25 JULY/0000Z-27 JULY/2400Z

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 24 JULY/1700Z 106

PREDICTED 25 JULY-27 JULY 106-106-105

E. A-FREDERICKSBURG

OBSERVED 23 JULY 09

ESTIMATED 24 JULY 09

PREDICTED 25 JULY-27 JULY 12-10-08

SOLTERWARN

SPAN

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