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HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 199 ISSUED 2200Z 17 JULY 1972

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. THE MOST SIGNIFICANT ACTIVITY HAS BEEN TWO SUB-BRIGHT FLARES FROM REGION 288 /N09E02/ AT 17/0910Z AND 17/1213Z WHICH PRODUCED A CLASS C1 AND C2 X-RAY EVENT, RESPECTIVELY. TRAILER SPOT GROWTH CONTINUES IN REGION 296 /S09E20/. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. FLARE ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD SHOULD BE MILDLY UNSETTLED.

C. EVENT PROBABILITIES 18 JULY/0000Z-20 JULY/2400Z

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 17 JULY/1700Z 112

PREDICTED 18 JULY-20 JULY 113-113-112

E. A-FREDERICKSBURG

OBSERVED 16 JULY 009

ESTIMATED 17 JULY 008

PREDICTED 18-20 JULY 008-010-010

SOLTERWARN

SPAN2

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