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KBOU

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 198 ISSUED 2200Z 16 JULY 1972

A. FLARE ACTIVITY HAS BEEN AT A LOW LEVEL WITH ONLY TWO SUBFLARES REPORTED DURING THE PAST PERIOD. RGN 296 /S09E33/ IS THE MOST SIGNIFICANT FEATURE ON AN UNIMPRESSIVE SOLAR DISK. THIS REGION HAS PRODUCED A FEW PLAGE ENHANCEMENTS AND SLIGHT SPOT DEVELOPMENT HAS OCCURRED IN THE TRAILING PART OF ITS TYPE C SPOT GROUP. A RETURNING REGION IS APPARENTLY APPROACHING THE SOUTHEAST LIMB WHERE MINOR SURGE ACTIVITY IS IN PROGRESS. THE GEOMAGNETIC FIELD IS QUIET.

B. FLARE ACTIVITY SHOULD REMAIN AT A LOW LEVEL DURING THE NEXT 72 HOUR PERIOD. QUIET TO MILDLY UNSETLED GEOMAGNETIC CONDITIONS ARE EXPECTED.

C. EVENT PROBABILITIES JULY 17/0000Z-JULY 19/2400Z

CLASS M 25/25/30

CLASS X 1/1/1

PROTON 1/1/1

D. OTTAWA 10.7 CM FLUX

OBSERVED JULY 16/1700Z 111

PREDICTED JULY 17-JULY 19 116-120-125

E. A-FREDERICKSBURG

OBSERVED 15 JULY 06

ESTIMATED 16 JULY 08

PREDICTED 17 JULY-19 JULY 11-08-10

SOLTERWARN

SPAN2

BT

34

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