

KBOU

HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 203 ISSUED 2200Z 21 JULY 1972

A. ALTHOUGH SOLAR ACTIVITY REMAINS LOW, THERE HAS BEEN A SLIGHT INCREASE IN ACTIVITY. THE REGION RESPONSIBLE FOR THIS ACTIVITY IS 288 /N07W48/ WHICH HAS BEEN PRODUCING ABOUT ONE SUBFLARE PER 3 HOURS TODAY. TWO OF THESE WERE OF CLASS C-2 AT 0925 AND 1110Z. THIS REGION REMAINS SMALL BUT ITS MAGNETIC STRUCTURE HAS BEEN CHANGING DURING THE PAST TWO DAYS. ATS-1 PROTON FLUXES CONTINUE TO BE SLIGHTLY ENHANCED. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C ACTIVITY EXPECTED FROM REGION 288. HOWEVER, A GENERALLY LOW LEVEL OF ACTIVITY SHOULD CONTINUE. PROTON FLUXES SHOULD RETURN TO BACKGROUND LEVELS WITHIN THE NEXT 48 HOURS. GENERALLY QUIET GEOMAGNETIC CONDITIONS SHOULD PREVAIL UNTIL THE 24TH WHEN A SECTOR BOUNDARY PASSAGE IS EXPECTED TO PRODUCE UNSETTLED CONDITIONS.

C. EVENT PROBABILITIES 22 JULY/0000Z-24 JULY/2400Z.

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7CM FLUX

OBSERVED 21 JULY/1700Z 108

PREDICTED 22 JULY-24 JULY 109-110-110

E. A-FREDERICKSBURG

OBSERVED 20 JULY 07

ESTIMATED 21 JULY 03

PREDICTED 22 JULY-24 JULY 007-008-012

SOLTERWARN

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