

KBOU

HXUS BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 207 ISSUED 2200Z 25 JULY 1972

A. SOLAR ACTIVITY REMAINED AT A LOW LEVEL FOR THIS PERIOD WITH ONLY THREE SUBFLARES REPORTED, ALL FROM REGION 319 /S14E54/. ALL PORTIONS OF THE DISK HAVE REMAINED QUITE STABLE OVER THE PAST 24 HOURS. REGION 319 CONTINUES TO BE THE MOST IMPRESSIVE FEATURE ON THE DISK. THE MAGNETIC FIELD ENTERED A GRADUAL MINOR STORM STATUS AT 24/1900Z, BUT HAS RETURNED TO AN UNSETTLED STATUS AT THE TIME OF THIS REPORT.

PROTON LEVELS CONTINUE TO BE SOMEWHAT ENHANCED (AS DETECTED BY ATS1).

B. SOLAR ACTIVITY SHOULD REMAIN AT A LOW LEVEL FOR THE NEXT 72 HOURS. REGION 319 IS PRESENTLY THE MOST PROMISING FOR ACTIVITY. THE MAGNETIC FIELD SHOULD APPROACH A QUIET STATUS WITHIN 24 HOURS AND SHOULD REMAIN SO FOR THE DURATION OF THE 72 HOUR PERIOD. PROTON LEVELS SHOULD DECLINE SLOWLY.

C. EVENT PROBABILITIES 26 JULY/0000Z-28 JULY/2400Z

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 25 JULY/1700Z 109

PREDICTED 26 JULY-28 JULY 108-109-110

E. A-FREDERICKSBURG

OBSERVED 24 JULY 17

ESTIMATED 25 JULY 25

PREDICTED 26 JULY-28 JULY 08-06-06

SOLTERWARN

SPAN

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