

HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 208 ISSUED 2200Z 26 JUL 1972

A. THE SOLAR ACTIVITY LEVEL REMAINED AT A RELATIVELY LOW LEVEL FOR THIS PERIOD. ALTHOUGH THE NUMBER OF SUBFLARES REPORTED WAS UP FROM THE LEVEL OF THE PREVIOUS TWO DAYS. THERE WAS NO SINGLE REGION PARTICULARLY IMPRESSIVE IN TERMS OF ITS ACTIVITY OR VISIBLE CHARACTERISTICS.

RGN 319 (S15E42) DID INCREASE SOMEWHAT IN TERMS OF MAGNETIC COMPLEXITY, BUT STILL DOES NOT APPEAR CAPABLE OF ENERGETIC ACTIVITY. THE MAGNETIC FIELD HAS BEEN IN AN ACTIVE STATE, BUT HAS APPROACHED A MODERATELY UNSETLED LEVEL AT THIS TIME. THE PROTON LEVELS HAVE DECREASED SLOWLY IN THE PAST 24 HOURS.

B. SOLAR ACTIVITY SHOULD REMAIN AT A LOW LEVEL WITH NO PARTICULAR REGION PRODUCING A MAJOR SHARE OF THE ACTIVITY. THE MAGNETIC FIELD SHOULD APPROACH A QUIET STATUS WITHIN 24 HOURS AND REMAIN SO FOR THE DURATION OF THIS PERIOD.

C. EVENT PROBABILITIES 27 JUL/0000Z - 29 JUL/2400Z

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 26 JUL /1700Z 117

PREDICTED 27 JUL - 29 JUL 122 - 127 - 129

E. A-FREDERICKSBURG

OBSERVED 25 JUL 027

ESTIMATED 26 JUL 017

PREDICTED 27 JUL - 29 JUL 10 - 08 - 06

SOLTERWARN

SPAN

BT