

KBOU

HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 234 ISSUED 2200Z 21 AUGUST 1972

A. SOLAR ACTI HIS PERIOD HAS BEEN LOW. ONLY MINOR SUBFLARE ACTIVITY HAS BEEN REPORTED, ALL FROM REGIONS IN THE SE QUADRANT. NO REGION ON THE DISK AT THIS TIME IS PARTICULARLY IMPRESSIVE IN TERMS OF ANY OBSERVABLE QUANTITY. ALL THE LIMBS ARE RELATIVELY QUIET. THE MAGNETIC FIELD HAS BEEN MODERATELY UNSETTLED.

B. PRESENT FEATURES ON THE DISK ARE NOT LIKELY SOURCES OF ENERGETIC ACTIVITY. THE POSSIBILITY OF FLARE ACTIVITY UP TO A SMALL CLASS M EXISTS FROM THE FEATURES NOW ON THE DISK, BUT RETURNING REGIONS DUE TOWARD THE END OF THIS PERIOD HOLD PROMISE FOR MORE SIGNIFICANT ACTIVITY. THE MAGNETIC FIELD SHOULD BE UNSETTLED FOR THE FIRST PART OF THIS PERIOD, BUT APPROACHING A QUIET STATUS TOWARD THE END OF THIS 72 HOURS.

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

CLASS M 30/35/35

CLASS X 01/02/04

PROTON 01/02/03

D. OTTAWA 10.7 CM FLUX

OBSERVED 21 AUGUST/1700Z 117

PREDICTED 22 AUGUST-24 AUGUST 118-120-122

E. A-FREDERICKSBURG

OBSERVED 20 AUGUST 14

ESTIMATED 21 AUGUST 09

PREDICTED 22 AUGUST-24 AUGUST 11-10-08

SOLTERWARN

SPAN

BT