

NNNN

KBOU

HFUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 236 ISSUED 2200Z 23 AUGUST 1972

A. SOLAR ACTIVITY FOR THIS PERIOD AGAIN WAS PRIMARILY CONFINED TO THE SE QUADRANT. REGION 367 /S13E42/ PROVIDED SEVERAL SUBFLARES THROUGHOUT THE PAST 24 HOURS. ONE OF THESE FLARES, MAX TIME 23/1915Z, WAS ACCCOMPANIED BY A RADIO BURST REACHING 100 FLUX UNITS ABOVE BACKGROUND ON 2700 MHZ. OTHER AREAS OF THE DISK HAVE BEEN ESSENTIALLY QUIET. THE EAST LIMB HAS SOME SURGE ACTIVITY BOTH NORTH AND SOUTH INDICATING POSSIBLE RETURN OF REGIONS 331 AND 341 IN THE NEAR FUTURE. THE MAGNETIC FIELD HAS BEEN QUIET.

B. FURTHER ACTIVITY FROM REGION 367 AND OTHERS NOW IN THE SE QUADRANT CAN BE EXPECTED AT THE LOWER ENERGY LEVELS. THERE IS A FAIR CHANCE THAT ACTIVITY FROM THESE REGIONS WILL BE OVERSHADOWED BY EVENTS FROM RETURNING REGIONS 331 AND 341. WITHIN 48 HOURS MORE SHOULD BE KNOWN ABOUT THESE RETURNING REGIONS. THE MAGNETIC FIELD SHOULD REMAIN QUIET.

C. EVENT PROBABILITIES 24 AUGUST/0000Z-26 AUGUST/2400Z

CLASS M 45/45/45

CLASS X 02/05/05

PROTON 02/05/05

D. OTTAWA 10.7 CM FLUX

OBSERVED 23 AUGUST/1700Z 123

PREDICTED 24 AUGUST-26 AUGUST 125-127-129

E. A-FREDERICKSBURG

OBSERVED 22 AUGUST 09

ESTIMATED 23 AUGUST 02

PREDICTED 24 AUGUST-26 AUGUST 05-05-05

SOLTERWARN

SPAN

BT