

NNNN

KBOU

HXUS BOU 082230

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221 ISSUED 2200Z 08 AUGUST 1972

A. SOLAR ACTIVITY WAS LOW FOR THIS PERIOD. NO ACTIVITY FROM REGION 331 /N14W40/ WAS OBSERVED DURING THIS PERIOD. REGION 341 /S07W50/ DID GIVE A SINGLE SUBFLARE AFTER SIGNIFICANT GROWTH DURING THE PAST 24 HOURS. REGION 331 STILL APPEARS TO HAVE THE CAPABILITY OF PROVIDING FURTHER ENERGETIC ACTIVITY. PROTON LEVELS REMAIN ENHANCED. THE MAGNETIC FIELD HAS BEEN MILDLY UNSETLED.

B. SOLAR ACTIVITY FROM REGION 331 CAN BE EXPECTED DURING THE NEXT 72 HOURS. REGION 341 CAN BE EXPECTED TO GIVE FURTHER SUBFLARE ACTIVITY. THE MAGNETIC DISTURBANCE FROM THE FLARE OF 07/1528Z CAN BE EXPECTED TO BEGIN AT 09/0900Z WITH ASSOCIATED K-VALUES REACHING LEVELS POSSIBLY AS HIGH AS EIGHT. PROTON LEVELS CAN BE EXPECTED TO REMAIN ENHANCED.

C. EVENT PROBABILITIES 9 AUGUST/0000Z-11 AUGUST/2400Z

CLASS M 75/75/75

CLASS X 35/35/35

PROTON 35/35/35

D. OTTAWA 10.7 CM FLUX

OBSERVED 08 AUGUST/1700Z 122

PREDICTED 09 AUGUST-11 AUGUST 119-115-110

E. E-FREDERICKSBURG

OBSERVED 07 AUGUST 27

ESTIMATED 08 AUGUST 05

PREDICTED 09 AUGUST-11 AUGUST 70-40-15

SOLTERWARN

SPAN

BT