

ESSA/SPACE DISTURBANCE
FORECAST CENTER

Nov 31 - 04 59 287

NNNNUUV
PP KGFF
DE BOU 010500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 730C ISSUED 0500Z DECEMBER 01 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS
BT

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PP KGFF

DE BOU 012315Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 731B ISSUED 2300Z DEC 1 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. A FLARE WHICH BEGAN AT 1945Z NEAR S28W80 HAS BEEN REPORTED AS BOTH IMPORTANCE ONE NORMAL AND TWO BRIGHT. ONLY TRIVIAL IONOSPHERIC EFFECTS WERE ASSOCIATED WITH IT. THE SPOT GROUP NEAR N12E77 IS NOW MEASURED AS C/130. THE HYDROGEN PLAGE THERE IS RELATIVELY FAINT BUT MODERATELY INTENSE GREEN CORONA IS ASSOCIATED WITH IT. FAINT YELLOW LINE CORONA IS OBSERVED WITH THE REGION PASSING OVER THE NORTHWEST LIMB. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN ANY OF THE OTHER SOLAR REGIONS. THE MINOR MAGNETIC DISTURBANCE IS STILL CONTINUING.

B. MAJOR FLARES ARE POSSIBLE FROM THE S28W85 REGION THROUGH DECEMBER 2. THE PRESENT MAGNETIC DISTURBANCE IS EXPECTED TO CONTINUE FOR ANOTHER 24 HOURS AND INCREASE DURING THE NEXT 12 HOURS.

FORECASTS FOR DEC 2-4

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS IMPORTANCE TWO OR GREATER 30/5/5

IMPORTANCE THREE OR GREATER 5/1/1

PROTON EVENTS 5/5/1

D. OTTAWA 10.7 CM FLUX TODAY 144. PREDICTED 130/123/120.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 9. TODAY ABOUT 18.

PREDICTED AP 15-20/12-15/8-12.

BT