

NNNNUUV

PP KGFF

DE BOU 210500Z

THIS IS THE MESSAGE FOR REFILE

ESSA/SPACE DISTURBANCE  
FORECAST CENTER

AUG 21 04 41 67

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 627C ISSUED 0500Z AUG 21 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

BT

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PP KGFF

DE BOU 211100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 627D ISSUED AT 1100Z AUGUST 21, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

DE BOU 211735Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 628A ISSUED 1700Z AUGUST 21 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. ONLY MINOR FLARES HAVE BEEN REPORTED TODAY MOSTLY FROM  
THE REGIONS IN THE NORTHEAST QUADRANT. SEVERAL SPOT GROUPS  
ARE VISIBLE IN THE ZONE EXTENDING E43-90 AND N12-24. THE  
LARGEST, SPOT GROUP IS NEAR N22 E55 AND IS VERY COMPLEX BUT  
ESSENTIALLY UNCHANGED IN AREA FROM YESTERDAY. IT IS  
REPORTED TO BE MAGNETICALLY COMPLEX BUT A DELTA CONFIGURATION  
HAS NOT BEEN IDENTIFIED THERE. THE HYDROGEN PLAGE IS NOT  
AS IMPRESSIVE AS YESTERDAY BUT DOES CONTAIN SEVERAL VERY  
BRIGHT POINTS ESPECIALLY IN THE LEADING PORTION.

B. MAJOR FLARES ARE EXPECTED FROM THE NORTHEASTERN REGION  
BUT THEY ARE NOT CONSIDERED TO BE IMMINENT.

FORECAST FOR AUGUST 22-24

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 70/80/80  
IMPORTANCE THREE OR GREATER 20/20/20  
PROTON EVENTS 20/20/20

D. OTTAWA 10.7 CM FLUX TODAY 179. PREDICTED 178/180/182

BT

ESSA/SPACE DISTURBANCE  
FORECAST CENTER

ESSA/SPACE DISTURBANCE  
FORECAST CENTER

AUG 21 22 55<sup>a.m.</sup>

NNNNUUUV

PP KGFF

DE BOU 212300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 628B ISSUED 2300Z AUG 21 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. AN IMPORTANCE TWO NORMAL FLARE OCCURRED TODAY AT 1824Z AT N23E54. IT WAS ACCCOMPANIED BY MODERATE IONOSPHERIC AND RADIO EMISSION EVENTS. MODERATE GEOPHYSICAL EFFECTS HAVE ALSO BEEN REPORTED ASSOCIATED WITH AN IMPORTANCE ONE NORMAL FLARE AT 1326Z IN THIS SAME SPOT GROUP. NO SIGNIFICANT CHANGES HAVE BEEN OBSERVED IN THE NORTHEAST REGIONS TODAY. ALL OTHER REGIONS REMAIN INACTIVE.

B. MAJOR FLARES ARE EXPECTED FROM THE NORTHEAST REGION DURING THE NEXT THREE DAYS.

FORECASTS FOR AUG 22-24

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 70/80/80

IMPORTANCE THREE OR GREATER 20/20/20

PROTON EVENTS 20/20/20

D. OTTAWA 10.7 CM FLUX TODAY 179. PREDICTED 182/184/186.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 10. TODAY ABOUT 5.

PREDICTED AP 8-12/8-12/8-12.

BT