

UUV  
PP KGFF  
DE BOU 211720Z  
HERE IS THE MSG FOR REFILE  
NOTE PASS ALSO TO H E N V - HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 056A ISSUED 1700Z OCTOBER 21 1968

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. SEVERAL IMPORTANCE ONE FLARES HAVE BEEN OBSERVED IN THE LARGE REGION AT N17E23 AT 0242Z 0504Z 0601Z 1415Z AND 1527Z. ALL OF THESE FLARES WERE ACCCOMPANIED BY MODERATE RADIO EMISSION AND IONOSPHERIC EFFECTS. THIS REGION CONTINUES TO DEVELOP. THE PLAGE IS WELL STRUCTURED AND FLUCTUATING AND THE SPOT GROUP REMAINS MAGNETICALLY COMPLEX. MODERATE LIMB ACTIVITY IS REPORTED FROM A RETURNING REGION AT S17 EAST LIMB. ALL OTHER REGIONS ARE STABLE.  
B. MAJOR FLARE ACTIVITY IS EXPECTED FROM THE N17E23 REGION DURING THE NEXT 12 HOURS.

FORECASTS FOR OCTOBER 22-24

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 40/30/30  
IMPORTANCE THREE OR GREATER 10/5/5  
PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX TODAY IS 164. PREDICTED 168/170/172.

BT

NNNN

UUU  
PP KGFF  
DE BOU 212300Z  
HERE IS THE MESSAGE FOR REFILE  
PASS ALSO TO H E N V HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 056B ISSUED 2300Z 21 OCTOBER 1968  
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS  
A. A LARGE IMPORTANCE ONE OR POSSIBLE IMPORTAN E TWO FLARE WAS  
OBSERVED AT 1715Z AT N18E23. THE FLARE WAS ACCCOMPANIED BY MODERATE  
IONOSPHERIC EFFECTS BUT ONLY MINOR RADIO EMISSION. SINCE THE  
FLARE THIS REGION HAS DECLINED IN PLAGE BRIGHTNESS BUT CONTINUED  
MAJOR FLARE ACTIVITY IS STILL POSSIBLE DURING THE NEXT THREE DAYS.  
SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 056A.  
E. MAGNETIC A-FREDERICKSBURG FOR 20 OCT WAS 07. FOR 21 OCT ABOUT  
02. PREDICTED FOR 22-24 OCT UNDER 10/10-15/10-15.

SOLTERWARN  
BT