

UUV  
PP KGFF  
DE BOU 221720Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 057A ISSUED 1700Z OCTOBER 22 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. ONLY SUBFLARE ACTIVITY HAS BEEN OBSERVED IN THE N15E09 REGION TODAY. THE SPOT GROUP AND PLAGE THERE HAVE DECLINED SLIGHTLY IN AREA BUT REMAIN COMPLEX AND WELL STRUCTURED. CONTINUED FLARE ACTIVITY IS EXPECTED THERE DURING THE NEXT THREE DAYS. A BRIGHT PLAGE AND SPOT GROUP OF CLASS/AREA D/310 WITH ASSOCIATED YELLOW LINE CORONA ARE VISIBLE NEAR THE LIMB AT S14E80. THIS RETURNING REGION HAS PRODUCED TWO POSSIBLE IMPORTANCE ONE FLARES AT 0142Z AND 0522Z AND FREQUENT LIMB ACTIVITY. IT HAS NOT YET ROTATED COMPLETELY ONTO THE DISK BUT NOW APPEARS TO BE A LARGE COMPLEX REGION. ALL OTHER REGIONS ARE INACTIVE.

B. MAJOR FLARES ARE POSSIBLE FROM THE N15E09 REGION AND THE RETURNING REGION AT S14E80 DURING THE NEXT 24 HOURS.

FORECASTS FOR OCTOBER 23-25

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

D. OTTAWA 10.7 CM FLUX TODAY IS 174. PREDICTED 178/180/180.  
BT

NNNNUUU  
PP KGFF  
DE BOU 222300Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 057B ISSUED 2300Z 22 OCTOBER 1968  
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS  
A. AN IMPORTANCE ONE FLARE WITH ASSOCIATED MINOR RADIO EMISSION  
AND IONOSPHERIC EFFECTS WAS OBSERVED AT 1657Z AT N18E07.  
SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 057A.  
E. MAGNETIC A-FREDERICKSBURG FOR 21 OCT WAS 01. FOR 22 OCT ABOUT  
01. PREDICTED FOR 23-25 OCT 10-15/10-15/10-15.  
SOLTERWARN

BT

*Magstorm predicted to begin sometime between 24 + 26 Oct.  
More refined statement to be made tomorrow.*