

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 842B ISSUED 0000Z MAR 21 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. A NOISE STORM AT DEKAMETRIC WAVELENGTHS BEGAN ABOUT  
2230Z AND IS IN PROGRESS AT 2330Z. THIS EMISSION IS  
POSSIBLY ASSOCIATED WITH MODERATE LIMB ACTIVITY REPORTED  
AT N30E LIMB. NO REGION IS VISIBLE AT THAT LOCATION YET.  
ALL VISIBLE REGIONS ARE STABLE. POOR WEATHER CONDITIONS  
AT MANY OBSERVATORIES TODAY HAVE LIMITED OBSERVATIONS.

B. ONLY MINOR FLARES ARE EXPECTED FROM ANY OF THE VISIBLE  
REGION. EVALUATION AT THE N30E LIMB REGION CAN NOT BE MADE  
UNTIL IT ROTATES ONTO THE DISK. IT IS NOT THE RETURN OF A  
PREVIOUSLY ACTIVE REGION.

SECTION C REMAINS UNCHANGED FROM SDF NUMBER 842A.

D. OTTAWA 10.7 CM FLUX TODAY IS 131. PREDICTED FOR MAR 21-23  
133/135/137.

E. MAGNETIC A-FREDERICKSBURG FOR MAR 19 WAS 09. FOR MAR 20  
ABOUT 15. PREDICTED AP FOR MAR 21-23 10-15/8-12/UNDER 10.

BT

*5/20/68*

NNNNUUUV  
PP KGFF  
DE BOU 211810Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 843A ISSUED 1800Z MARCH 21 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. AN IMPORTANCE ONE NORMAL FLARE WAS OBSERVED AT 1425Z AT N16W53. IT WAS ACCOMPANIED BY MODERATE RADIO EMISSION AND IONOSPHERIC EFFECTS. IT APPEARS POSSIBLE THAT THIS REGION WAS ALSO THE SOURCE OF RADIO EMISSION YESTERDAY BETWEEN 2130-2330Z HOWEVER THERE WERE NO OPTICAL OBSERVATIONS DURING THAT TIME. THE SPOT GROUP THERE IS DECLINING AND THE PLAGE IS NOT BRIGHT. A NEW SPOT GROUP /NOW AT N11E01/ HAS DEVELOPED SINCE YESTERDAY. IT IS CONTAINED IN A MODERATELY BRIGHT PLAGE. SLIGHT GROWTH OCCURRED IN THE SPOT GROUPS AT S12E42 AND S24E56 BUT NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED. NO REGION IS VISIBLE AT N30ELIMB TO ASSOCIATE WITH THE LIMB ACTIVITY REPORTED THERE YESTERDAY. ALL OTHER REGIONS ARE STABLE.

B. MINOR FLARES APPEAR POSSIBLE FROM ALL OF THE ABOVE MENTIONED REGIONS. HCONTINUED GROWTH AND DEVELOPMENT IS EXPECTED IN THE NEW REGION AT N11E01.

FORECASTS FOR MARCH 22-24

C. HDAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 2/2/2

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. HOTTAWA 10.7 CM FLUX TODAY IS 141. PREDICTED 143/145/147.

BT