

NNNNUUUV  
PP KGFF  
DE BOU 280000Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 849B ISSUED 0000Z MAR 28 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. THE 1758Z FLARE AT S12W40 WHICH WAS FIRST CLASSIFIED AS  
IMPORTANCE ONE WAS LATER UPGRADED TO AN IMPORTANCE TWO BRIGHT.  
IT WAS ACCOMPANIED BY MODERATELY STRONG IONOSPHERIC EFFECTS  
BUT ONLY MODERATE RADIO EMISSION. NO SIGNIFICANT CHANGE HAS  
BEEN OBSERVED IN THIS REGION BUT IT DOES NOT APPEAR TO BE  
DECLINING AND CONTINUED FLARE ACTIVITY IS EXPECTED. MODERATE  
LIMB ACTIVITY AT S15 EAST LIMB APPEARS TO BE RELATED TO A  
RETURNING REGION WHICH PRODUCED SEVERAL IMPORTANCE ONE FLARES  
ON ITS LAST DISK PASSAGE. THE REGION AT N22E38 CONTINUES TO  
DEVELOP IN SPOT AND PLAGE COMPLEXITY.

B. MINOR FLARES ARE EXPECTED FROM THE REGIONS AT S12W40 AND  
N22E38. A MAJOR FLARE IS POSSIBLE FROM THE S12W40 REGION  
DURING THE NEXT THREE DAYS.

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 10/10/10  
IMPORTANCE THREE OR GREATER 1/1/1  
PROTON EVENTS 1/1/1

SECTION D REMAINS UNCHANGED FROM SDF NUMBER 849A.

E. MAGNETIC A-FREDERICKSBURG FOR MAR 26 WAS 14. FOR MAR 27  
ABOUT 12. PREDICTED AP FOR MAR 28-30 10-15/8-12/UNDER 10.  
BT

NNNNUUUV  
PP KGFF  
DE BOU 281820Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 850A ISSUED 1800Z MARCH 28 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. THE REGION AT S12W53H PRODUCED AN IMPORTANCE ONE BRIGHT  
FLARE TODAY AT 0320Z ACCOMPANIED BY MODERATE RADIO EMISSION  
AND IONOSPHERIC EFFECTS. THE SPOT GROUP IN THIS REGION HAS  
NOT CHANGED SIGNIFICANTLY FROM YESTERDAY BUT THE PLAGE REMAINS  
MODERATELY BRIGHT. AN IMPORTANCE TWO SPRAY SURGE WAS OBSERVED  
AT 1543Z AT S23W85. THIS REGION IS SMALL BUT BRIGHT. THE SPOT  
GROUPS AT N20E23 AND N16E28 HAVE GROWN. BOTH OF THESE GROUPS  
ARE CONTAINED IN A SINGLE PLAGE WHICH IS BRIGHT AND APPEARS  
MORE COMPLEX TODAY. GROWTH IS ALSO OCCURRING IN THE SPOT  
GROUP AT S23E44. ITS PLAGE IS BRIGHT AND FLUCTUATING. ALL OTHER  
REGIONS ARE STABLE OR DECLINING.

B. MINOR FLARES ARE EXPECTED FROM ALL OF THE ABOVE MENTIONED  
REGIONS. A MAJOR FLARE IS STILL POSSIBLE FROM THE S12E53  
REGION AND ALL FLARES FROM THIS REGION SHOULD BE ACCOMPANIED  
BY RADIO EMISSION AND IONOSPHERIC EFFECTS.

FORECASTS FOR MARCH 29-31

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 10/10/10  
IMPORTANCE THREE OR GREATER 1/1/1  
PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 158. PREDICTED 160/160/162.  
BT

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