

NNNNUUU

PP KGFF

DE BOU 201720Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 086A ISSUED 1700Z NOVEMBER 20 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. THE LEADING PORTION OF THE REGION AT N13W11 HAS DIVIDED AND THE TOTAL AREA OF THE REGION IS RELATIVELY UNCHANGED. THE REGION AT S13E61 HAS DISPLAYED GREATER FLARE ACTIVITY, WITH AN IMPORTANCE ONE BRIGHT BEGINNING 20/1239Z AND A POSSIBLE IMPORTANCE ONE NORMAL BEGINNING APPROXIMATELY 20/1605Z. A MINOR MAGNETIC DISTURBANCE COMMENCED 20/0904Z. THE PCA DISCUSSED IN SDF 085A CONTINUES WEAKLY.

B. ALTHOUGH H-ALPHA DEVELOPMENT AT N13W11 INDICATES CONTINUED INTEREST, AND DESPITE PLAGE BRIGHTNESS IN THE 3MM RADIO MAY, THIS REGION IS NOT CONSIDERED A POTENTIAL PRODUCER OF MAJOR FLARES, BY REASON OF LIMITED SPOT AREA AND MINIMAL SUBFLARE PRODUCTION. THE REGION AT S13E61 IS EXPECTED TO CONTINUE TO PRODUCE SUBFLARES, WITH MAJOR FLARES BECOMING POSSIBLE AFTER A GROWTH PERIOD. THE REGION AT N10E62 HAS NOT BEEN OBSERVED TO POSSESS SPOTS, BUT PLAGE BRIGHTNESS INDICATES FUTURE INTEREST.

FORECASTS FOR NOVEMBER 21-23

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 5/10/10

IMPORTANCE THREE OR GREATER 2/2/3

PROTON EVENTS 2/2/3

D. OTTAWA 10.7 CM FLUX TODAY IS 143. PREDICTED 148/150/150.

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DE BOU 202320Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 086B ISSUED 2300Z 20 NOVEMBER 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. FOUR IMPORTANCE ONE FLARES, TWO OF WHICH WERE CLASSIFIED AS NORMAL BRIGHTNESS, AND TWO OF WHICH WERE CLASSIFIED /BRIGHT/ HAVE BEEN OBSERVED DURING THE PAST 24 HOURS. ALL WERE OBSERVED IN THE REGION AT S18E51. ONLY SUBFLARES HAVE BEEN REPORTED FROM ALL OTHER REGIONS. THE MAGNETIC ACTIVITY REPORTED IN SDF 086A IS DECREASING. THE PCA REPORTED IN SDF 085A APPEARS TO HAVE ENDED, ALTHOUGH MAGNETIC ACTIVITY AT HIGH LATITUDES MAKES A DEFINITE CONCLUSION IMPOSSIBLE.

B. ONLY MINOR ACTIVITY IS EXPECTED FROM THE DECAYING REGION AT N13W20. MAJOR ACTIVITY IS EXPECTED FROM THE REGION AT S18E51, BUT IS NOT EXPECTED DURING THIS FORECAST PERIOD.

SECTIONS C AND D REMAIN UNCHANGED FROM SDF 086A.

E. MAGNETIC A-FREDERICKSBURG FOR 19 NOV WAS 05. FOR 20 NOV ABOUT 11. PREDICTED AP FOR 21-23 NOV 15/10/10.

SOLTERWARN

BT