

UUV  
PP KGFF  
DE BOU 160000Z  
.THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 777B ISSUED 0000Z JAN 16 1968  
MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.  
SECTIONS A-B-C AND D ARE UNCHANGED.  
E. MAGNETIC A-FREDERICKSBURG YESTERDAY 10. TODAY ABOUT 6.  
PREDICTED UNDER 10/20-40/20-40.  
BT

NNNN

NNNNUUUV  
PP KGFF  
DE BOU 161815Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 778A ISSUED 1800Z JANUARY 16 1968

MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT 12 HOURS.

A. THE MOST SIGNIFICANT ACTIVITY WAS A SINGLE IMP 2N FLARE WHICH BEGAN AT 1702Z NEAR THE REGION NOW LOCATED AT N20W41 AND IS STILL IN PROGRESS AT THE TIME OF THIS MESSAGE. THE FLARE OCCURRED NE OF THE MAJOR PENUMBRA AND UMBRA STRUCTURE OF THE GROUP AND WAS NOT ACCOMPANIED BY ANY DETECTABLE IONOSPHERIC OR RADIO NOISE BURSTS. THE SPOT GROUP PRESENTLY AT N12W68 HAS BEEN THE SEAT OF RELATIVELY LITTLE ACTIVITY DURING THE PAST 12 HOURS. ASIDE FROM A NUMBER OF SMALL SURGES ON THE EL NEAR S20 THERE IS NO EVIDENCE OF A MAJOR FLARE-PRODUCING CENTER ABOUT TO ROTATE ONTO THE DISC.

B. MAJOR FLARE ACTIVITY IS NOT EXPECTED EVEN FROM THE MOST PROMISING REGION ON THE DISC COMMA VIZ. THE SPOT GROUP NEAR N20W41 COMMA DUE TO ITS GRADUAL RATE OF DECLINE.

FORECASTS FOR JANUARY 17-19

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 50/40/40

IMPORTANCE THREE OR GREATER 10/5/5

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX TODAY IS 166. PREDICTED 160/152/145.  
BT