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PP KGFF  
DE BOU 201710Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 963A ISSUED 1700Z JULY 20 1968  
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 6 HOURS.  
A. THE PENUMBRA IN THE LEADING PORTION OF THE SMALL REGION LOCATED  
NEAR N12W40 HAS SEPARATED INTO THREE DISTINCT SECTIONS, EACH  
ENCLOSING ONE OR MORE UMBRAE. HYDROGEN-ALPHA OBSERVATIONS TODAY  
INDICATE A MORE CLEARLY DEFINED PLAGE OF MODERATE INTENSITY  
ASSOCIATED WITH THIS CENTER. NO OBVIOUS CHANGES HAVE OCCURRED  
WITHIN ANY OF THE REMAINING SIMPLE-STRUCTURED GROUPS CURRENTLY  
ON THE DISK.  
B. TWO REGIONS APPEAR FAVORABLE FOR GENERATING FLARES AS LARGE  
AS IMPORTANCE ONE, VIZ. THOSE NEAR N12W40 AND N10E45.  
FORECASTS FOR JULY 21-23  
C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 15/5/2  
IMPORTANCE THREE OR GREATER 1/1/1  
PROTON EVENTS 1/1/1  
D. OTTAWA 10.7 CM FLUX TODAY IS 130. PREDICTED 129/126/125.  
BT

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DE BOU 202300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 963B ISSUED 2300Z JULY 20 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 963A.

E. MAGNETIC A-FREDERICKSBURG FOR 19 JULY WAS 08. FOR 20 JULY ABOUT  
07. PREDICTED AP ALL UNDER 10.

BT