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DE BOU 220000Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 844B ISSUED 0000Z MAR 23 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.  
A. HFLARE ACTIVITY TODAY HAS BEEN LIMITED TO SMALL FLARES  
WHICH WERE ACCCOMPANIED BY LITTLE OR NO IONOSPHERIC OR  
RADIO NOISE EMISSION EFFECTS. IN ANOTHER SENSE SOLAR  
ACTIVITY SEEMS TO BE INCREASING IN THAT THREE OR FOUR  
AREAS ON THE DISK APPEAR TO BE DEVELOPING SIGNIFICANTLY.

GROWTH HAS BEEN OBSERVED IN THE SMALL SPOT GROUPS NEAR  
N10W17 COMMA N13E80 AND IN THE CLUSTER OF THREE SPOT GROUPS  
CENTERED NEAR S17E23. ALSO THE REGION NEAR N32W47 IS UNDER-  
GOING INTERESTING CHANGE.

B. ONLY SMALL FLARES ARE LIKELY NOW FROM THE ABOVE GROWING  
REGIONS. IF GROWTH CONTINUES IN ANY OF THEM THE PROBABILITY  
OF LARGER FLARES MAY INCREASE BY THE THIRD DAY. JUDGING FROM  
PREVIOUS FLARES SIGNIFICANT GEOPHYSICAL EVENTS ARE POSSIBLE  
FROM EVEN SMALL FLARES IN THE VICINITY OF S17E23.

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 2/3/5  
IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

SECTION D REMAINS UNCHANGED FROM SDF NUMBER 844A.

E. MAGNETIC A-FREDERICKSBURG FOR MAR 21 WAS 06. FOR MAR 22  
ABOUT 04. PREDICTED AP FOR MAR 23-25 ALL UNDER 10.

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PP KGFF

DE BOU 231805Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 845A ISSUED 1800Z MARCH 23 1968

ONLY MINOR FLARE ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

A. AN IMPORTANCE 1B FLARE WAS OBSERVED IN THE DEVELOPING REGION NOW  
CENTERED NEAR S13E12 AT 0937Z. GROWTH WITHIN THIS SPOT GROUP HAS  
OCCURRED PRIMARILY IN THE LEADING PORTION. THE ASSOCIATED HYDROGEN  
PLAGE IS BRIGHT AND ITS FINE STRUCTURE HAS ENHANCED CONSIDERABLY  
DURING THE PAST 24 HOURS. THE REGION NEAR N10W25 HAS SHOWN DEVELOP-  
MENT IN WHITE LIGHT ALTHOUGH ITS OVERLYING PLAGE HAS DECREASED IN  
BRIGHTNESS.

B. FLARES AS LARGE AS IMPORTANCE ONE ARE EXPECTED FROM THE S18E12  
REGION. THE REMAINING VISIBLE GROUPS APPEAR CAPABLE OF PRODUCING  
ONLY SUBFLARE ACTIVITY.

FORECASTS FOR MARCH 24-26

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 3/5/2

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 146. PREDICTED 148/148/145.

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