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PP KGFF

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 ACCOMPANIED 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.

BT

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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 DEVELOPMENT 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.

BT

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