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DE BOU 241720Z

HERE IS THE 1700Z FORECAST FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 478A ISSUED AT 1700Z  
MARCH 24 1967

A. IMPORTANCE ONE FLARES WERE REPORTED IN THE MAJOR NORTH-  
EAST REGION AT 2334Z MARCH 23 AND 0727Z TODAY HOWEVER THE  
LATTER HAS ALSO BEEN CALLED A SUBFLARE. NO SIGNIFICANT  
CHANGES HAVE BEEN REPORTED IN THE SPOT GROUPS ASSOCIATED  
WITH THE NORTHEAST REGION.

B. THE NORTHEAST REGION CONTINUES TO HAVE A HIGH POTENTIAL  
FOR MAJOR FLARE PRODUCTION. THEY ARE EXPECTED TO OCCUR AT  
AN AVERAGE RATE OF ONE EVENT EVERY TWO DAYS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD MARCH 25-27 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 50/50/50

IMPORTANCE THREE OR GREATER 15/15/15

PROTON EVENTS 10/10/10

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 163.  
THE PREDICTED VALUES FOR MARCH 25-27 ARE 167/171/175.

E. THE MAGNETIC INFORMATION WILL BE INCLUDED ON THE 2300Z  
FORECAST.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 473B ISSUED AT 2300Z  
MARCH 24 1967

A. AN IMPORTANCE ONE FLARE OF 1053Z WAS REPORTED BY  
ATHENS. IT OCCURRED IN THE VICINITY OF THE MODERATELY  
LARGE CLASS E SPOT GROUP LOCATED AT ABOUT N20 E32.  
ONLY SUBFLARES HAVE BEEN REPORTED SINCE THEN. NO MAJOR  
GROWTH HAS OCCURRED IN THE SPOT GROUPS IN THE LARGE NORTHEAST  
REGION HOWEVER SOME REORGANIZATION HAS OCCURRED. ALL SPOT  
GROUPS THERE ARE CONSIDERED TO BE MAGNETICALLY SIMPLE  
BUT BECAUSE THEY ARE CLOSELY SPACED THEY FORM A MAGNETICALLY  
COMPLEX GROUPING.

B. MAJOR FLARES ARE EXPECTED FROM THE NORTHEAST REGION AT  
AN AVERAGE RATE OF ABOUT ONE EVERY TWO DAYS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD MARCH 25-27 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 50/50/50

IMPORTANCE THREE OR GREATER 15/15/15

PROTON EVENTS 10/10/10

D. THE OTTAWA 10.7 CM FLUX TODAY IS 163. THE PREDICTED  
VALUES FOR MARCH 25-27 ARE 163/173/176

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4.  
TODAY IT WILL BE ABOUT 2. THE PREDICTED AP VALUES FOR  
MARCH 25-27 ARE 12/8/6