

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 479A ISSUED AT 1700Z

MARCH 25 1967.

A. OVERALL SOLAR ACTIVITY INDICES HAVE RISEN SINCE YESTERDAY WITH SLIGHT CONTINUED DEVELOPMENT IN THE NORTH-CENTRAL REGION AND SMALL NEW REGIONS APPEARING SOUTH-CENTRAL AND AT SE LIMB. FLARE ACTIVITY HAS BEEN LIMITED TO OCCASIONAL SMALL FLARES. THE MOST RECENTLY REPORTED FLARE IS AN IMPORTANCE ONE AT 0710Z NEAR N23 E26.

B. MAJOR FLARE ACTIVITY IS STILL POSSIBLE FROM THE LARGE REGION NEAR N23 E23. MINOR CONTINUED DEVELOPMENT FROM REGIONS NOW VISIBLE PLUS A SERIES OF MINOR RETURNING REGIONS WILL CAUSE A GENERAL SLOW INCREASE IN ACTIVITY DURING THE FORECAST PERIOD.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 26-28 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/40/40

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 174.

THE PREDICTED VALUES FOR MARCH 26-28 ARE 180/185/183.

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

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SPACE DISTURBANCE FORECAST NUMBER 479B ISSUED AT 2300Z  
MARCH 25 1967.

- A. NO FLARE ACTIVITY HAS BEEN REPORTED SINCE THE PREVIOUS FORECAST. NO SIGNIFICANT CHANGE IN THE VISIBLE REGIONS HAS BEEN REPORTED. H-ALPHA FEATURES OF THE REGION NOW AT N23 E19 CONTINUE BRIGHT AND COMPLEX.
- B. MAJOR FLARE ACTIVITY IS POSSIBLE FROM THE NORTH CENTRAL REGION BUT THE LACK OF FLARES IN THE PAST 48 HOURS MAY INDICATE THAT THE PROBABILITY IS DECREASING.
- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 26-28 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 45/35/35  
IMPORTANCE THREE OR GREATER 10/10/10  
PROTON EVENTS 10/10/10
- D. THE OTTAWA 10.7 CM FLUX TODAY IS 170. THE PREDICTED VALUES FOR MACCH 26-28 ARE 176/181/184.
- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 2. TODAY IT WILL BE ABOUT 2. THE PREDICTED AP VALUES FOR MARCH 26-28 ARE 2/4/4

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