

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 470A ISSUED AT 1700Z  
MARCH 16 1967

A. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED SINCE  
YESTERDAY. A CLASS J SPOT GROUP WITH AREA LESS THAN  
100 MILLIONTHS WAS ROTATED OVER THE EAST LIMB IN THE  
PAST FEW HOURS AND IS NOW AT ABOUT N18 E30. OTHER  
TINY NEW SPOT GROUPS HAVE APPEARED N25 W47 N18 W14  
AND N18 E30. NO IMPORTANT CHANGES HAVE BEEN OBSERVED  
IN THE PREVIOUSLY DISCUSSED GROUPS AT N22 E63 AND  
S17 E28.

B. FLARES LARGER THAN IMPORTANCE ONE ARE NOT EXPECTED.  
THE REGION WHICH CONTAINED THE VERY LARGE SPOT GROUP  
DURING ITS LAST DISK PASSAGE IS EXPECTED TO RETURN TO  
NE LIMB MARCH 19.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD MARCH 17-19 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 95/95/95  
IMPORTANCE TWO OR GREATER 10/10/10  
IMPORTANCE THREE OR GREATER 0/0/0  
PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 131.  
THE PREDICTED VALUES FOR MARCH 17-19 ARE 130/132/136

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

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 470B ISSUED AT 2300Z

MARCH 16 1967

- A. NO SIGNIFICANT EVENTS OR CHANGES IN THE VISIBLE SOLAR REGIONS HAVE BEEN REPORTED SINCE THE 1700Z FORECAST. MINOR GROWTH OR STRUCTURAL CHANGES HAS OCCURRED IN THE SPOT GROUPS AT S17 E24 N22 E59 AND N18 E76.
- B. NO MAJOR FLARES ARE EXPECTED TO OCCUR DURING THE NEXT 48 HOURS. ACTIVITY MAY INCREASE ON THE 19TH DUE TO A REGION RETURNING TO THE NORTHEAST LIMB.
- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 17-19 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 90/90/95  
IMPORTANCE TWO OR GREATER 5/5/10  
IMPORTANCE THREE OR GREATER 0/0/1  
PROTON EVENTS 0/0/1
- D. THE OTTAWA 10.7 CM FLUX TODAY IS 133. THE PREDICTED VALUES FOR MARCH 17-19 ARE 134/136/140
- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 2. TODAY IT WILL BE ABOUT 2. THE PREDICTED AP VALUES FOR MARCH 17-19 ARE 4/4/4