

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 E80. 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