

NNNN

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 472A ISSUED AT 1700Z  
MARCH 18 1967.

A. NO SIGNIFICANT ACTIVITY OR CHANGES IN THE VISIBLE REGIONS HAVE BEEN REPORTED SINCE YESTERDAY. A FLARE AT S15E14 AT 2038Z YESTERDAY WAS REPORTED BOTH AS A FAINT IMPORTANCE ONE AND AS A SUBFLARE. AN IMPORTANCE ONE NORMAL FLARE OCCURRED AT 1548Z TODAY IN THE REGION NEAR N24E37. AS YET THERE ARE NO REPORTS INDICATING THE PRESENCE AROUND NORTH EAST LIMB OF THE REGION EXPECTED TO RETURN THERE TOMORROW. FAINT ENHANCED 9.1 CM EMISSION FROM THE SOUTHEAST LIMB SHOULD BE ASSOCIATED WITH AN OLD REGION DUE TO RETURN THERE ON THE 19TH.

B. THE PROBABILITY FOR MAJOR FLARES REMAINS LOW UNTIL THERE IS EVIDENCE THAT THE ANTICIPATED RETURNING REGIONS ARE ACTIVE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 19-21 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/95/100

IMPORTANCE TWO OR GREATER 10/15/15

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 136. THE PREDICTED VALUES FOR MARCH 19-21 ARE 142/147/150.

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 472B ISSUED AT 2300Z

MARCH 18 1967.

A. RELATIVE TO THE PAST SEVERAL MONTHS SOLAR ACTIVITY, TODAY HAS BEEN VERY LOW. NO SIGNIFICANT EVENTS OR CHANGES IN THE VISIBLE REGIONS HAVE BEEN REPORTED. THE OTTAWA 10 CM RADIO FLUX IS IN THE LOW THIRD OF ITS DISTRIBUTION FOR RECENTS MONTHS.

B. THE 10 CM FLUX SHOULD INCREASE DUE TO REGIONS BEING ROTATED OVER THE EAST LIMB. THE PROBABILITY FOR MAJOR FLARES REMAINS LOW.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 19-21 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/95/100

IMPORTANCE TWO OR GREATER 10/15/15

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 133. THE PREDICTED VALUES FOR MARCH 19-21 ARE 140/147/150.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 5. TODAY IT WILL BE ABOUT 11. THE PREDICTED AP VALUES FOR MARCH 19-21 ARE 8/6/4.

BT