

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 508A ISSUED AT 1700Z  
APRIL 23 1967.

A. SOLAR ACTIVITY HAS INCREASED SLIGHTLY. AN IMPORTANCE 1B FLARE WAS OBSERVED AT S22 W67 AT 0026Z TODAY. THE REGION AT N21 E15 PRODUCED A 1F AT 0401Z AND A 1N AT 0523Z. HOWEVER OTTAWA 10.7 CM FLUX IS DECREASING AS THE PRINCIPAL RADIO NOISE CENTERS APPROACH WEST LIMB.

B. THE PROBABILITY OF MAJOR FLARE ACTIVITY IS LOW.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD APRIL 24-26 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/95/95

IMPORTANCE TWO OR GREATER 10/15/20

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 128.

THE PREDICTED VALUES FOR APRIL 24-26 ARE 127/128/130.

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 508B ISSUED AT 2300Z  
APRIL 23 1967.

- A. SOLAR ACTIVITY REMAINS LOW. NO FLARES HAVE BEEN REPORTED SINCE OUR LAST MESSAGE.
- B. THE PROBABILITY OF MAJOR FLARE ACTIVITY REMAINS LOW FOR THE NEXT DAY OR TWO. BY 25-26 APRIL RETURNING REGIONS MAY INCREASE THE PROBABILITY.
- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD APRIL 24-26 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 85/90/90  
IMPORTANCE TWO OR GREATER 5/10/15  
IMPORTANCE THREE OR GREATER 0/1/1  
PROTON EVENTS 0/1/1
- D. THE OTTAWA 10.7 CM FLUX TODAY IS 127. THE PREDICTED VALUES FOR APRIL 24-26 ARE 126/126/128.
- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 17. TODAY IT WILL BE ABOUT 10. THE PREDICTED AP VALUES FOR APRIL 24-26 ARE 10/10/5.

BT