

FR NNNNFROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 468A ISSUED AT 1700Z

MARCH 14 1967

A. SOLAR ACTIVITY IS LOW BUT INCREASING. LOOP-TYPE PROMINENCE ACTIVITY AND EXTREMELY BRIGHT YELLOW AND GREEN LINE CORONA HAVE BEEN REPORTED AT ABOUT N20 EAST LIMB.

9.1 CM RADIO EMISSION IS ALSO ENHANCED AT THAT LOCATION. ALL VISIBLE SPOT GROUPS ARE SMALL BUT THE GROUP AT S16 E55 APPEARS TO BE GROWING SLOWLY. NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED.

B. CORONAL AND RADIO EMISSION DATA INDICATES AN ACTIVE REGION TO BE ROTATED ONTO THE NORTHEAST LIMB WITHIN THE NEXT 24 HOURS. THE REGION CAN NOT BE FULLY JUDGED UNTIL IT IS VISIBLE BECAUSE SUCH INTENSE CORONAL EMISSION MAY INDICATE AN AGING REGION.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 15-17 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

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 128. THE PREDICTED VALUES FOR MARCH 15-17 ARE 134/138/140.

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 468B ISSUED AT 2300Z

MARCH 14 1967

A. SOLAR ACTIVITY AS EVIDENCED BY THE OTTAWA 10 CM FLUX STILL REMAINS LOW. THE REGION PRODUCING THE BRIGHT CORONA AND 9.1 CM RADIO FLUX AT NORTHEAST LIMB HAS NOT YET BEEN SEEN. NO SIGNIFICANT EVENTS OR CHANGES HAVE BEEN REPORTED IN ANY OF THE VISIBLE SOLAR REGIONS.

B. UNTIL THE REGION PRODUCING THE NORTHEAST LIMB EFFECTS IS ROTATED INTO VIEW AN EVALUATION CAN NOT BE MADE OF ITS POTENTIAL FOR FLARE ACTIVITY. NO MAJOR FLARES ARE EXPECTED FROM ANY OF THE SOLAR REGIONS CURRENTLY VISIBLE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 15-17 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 100/100/100  
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 127. THE PREDICTED VALUES FOR MARCH 15-17 ARE 134/138/140

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 3. THE PREDICTED AP VALUES FOR MARCH 15-17 ARE 4/6/6

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