

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
SPACE DISTURBANCE FORECAST NUMBER 336 NOVEMBER 2 1966

A. AN IMPORTANCE ONE FLARE OCCURRED AT 1723Z TODAY NEAR THE  
SUNSPOT GROUP AT N19W34 AND ACCOMPANIED BY A SMALL INCREASE  
IN RADIO EMISSION AT BOTH HIGH AND LOW FREQUENCIES. IONOSPHERIC  
EFFECTS WERE SMALL FROM THE SHARP AND SHORT LIVED INCREASE  
IN X-RAYS RECORDED BY SATELLITE. AN EVENT HAVING THE CHARACTERISTICS  
OF A PROTON EVENT WAS OBSERVED AT ONE STATION BEGINNING AT  
1800Z BUT IS UNCONFIRMED. ALL THE  
SUNSPOT GROUPS VISIBLE TODAY CONTINUE TO BE EXTREMELY  
SMALL. NO SIGNIFICANT REGIONS ARE EXPECTED TO RETURN BEFORE  
6 NOVEMBER.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD NOVEMBER 3 TO NOVEMBER 5 ARE AS FOLLOWS/FIGURES  
ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/90/90

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 2/2/2

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 98. THE PREDICTED VALUES FOR

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THE THREE DAY PERIOD NOVEMBER 3 TO NOVEMBER 5 ARE 99/100/101

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 13. TODAY IT  
WILL BE ABOUT 9. THE PREDICTED VALUES FOR THE THREE DAY PERIOD  
NOVEMBER 3 TO NOVEMBER 5 ARE 6/6/6