

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
SPACE DISTURBANCE FORECAST NUMBER 350 NOVEMBER 16 1966

A. THE CHANCES FOR MAJOR FLARE ACTIVITY MAY INCREASE BEGINNING  
TOMORROW. AN ACTIVE REGION IS BARELY VISIBLE AT N30E88 WHICH  
CONTAINS AT LEAST ONE SPOT OF 200 MILLIONTHS AREA. IT IS ASSOCIATED WITH  
BRIGHT GREEN CORONA AND FAINT YELLOW CORONA AS REPORTED BY  
SAC PEAK AND THERE ARE FREQUENT BRIGHT SURGES. THE REGION IS  
YOUNGER THAN 14 DAYS. THE HELIOGRAPHIC LONGITUDE OF THIS REGION  
IS WELL WITHIN THE LONGITUDES OF PAST PROTON ACTIVITY. THE  
COMPLEX OF SUNSPOTS IN THE NW IS DIMINISHING SLOWLY BUT STILL  
CONTAINS SOME COMPLEX STRUCTURE. SMALL REGIONS PASSING OVER WEST LIMB  
HAVE ASSOCIATED BRIGHT GREEN AND VERY BRIGHT RED CORONA. ADD  
ITIONAL REGIONS ARE EXPECTED TO RETURN AT NE LIMB ON 18 AND 19  
NOVEMBER

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD NOVEMBER 17-19 ARE AS FOLLOWS/FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 50/50/50  
IMPORTANCE THREE OR GREATER 15/15/15  
PROTON EVENTS 10/15/15

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 124. PREDICTED VALUES FOR THE  
THREE DAY PERIOD NOVEMBER 17-19 ARE 128/131/133

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 2. TODAY IT  
WILL BE ABOUT 4. THE PREDICTED VALUES FOR THE THREE DAY PERIOD  
NOVEMBER 17-19 ARE 7/7/12