

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. ADDITIONAL 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