

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
RIAL SPACE DISTURBANCE FORECAST NUMBER 255 AUGUST 13 1966

A. SOLAR ACTIVITY IS SLIGHTLY HIGHER THAN YESTERDAY. A REGION AT N29 E22 HAS A SUNSPOT OF AROUND 100 MILLIONTHS AREA. NO OPTICAL FLARES HAVE BEEN REPORTED TODAY OR YESTERDAY. HOWEVER IONOSPHERIC RECORDS INDICATE THAT WEAK FLARE ACTIVITY PROBABLY OCCURRED TODAY CMMA PARTICULARLY AROUND 1512Z. THERE APPEARS TO BE A BRIGHT RADIO SOURCE OFF THE EAST LIMB.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE NEXT THREE DAY PERIOD AUGUST 14-16 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 60/70/80

IMPORTANCE TWO FLARES 5/5/10

IMPORTANCE THREE FLARES 0/0/1

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/1

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 91. THE PREDICTED VALUES FOR THE THREE DAY PERIOD AUGUST 14-16 ARE 92/94/97

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 13. TODAY IT WILL BE ABOUT 6. THE PREDICTED VALUES FOR AUGUST 14-16 ARE 6/4/6