

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 297 SEPTEMBER 24 1966

A. SOLAR FLARE ACTIVITY IS AT A LOW LEVEL DESPITE THERE BEING THREE SUBSTANTIAL SUNSPOT GROUPS NOW VISIBLE. THE MODERATELY LARGE GROUPS AT N08 W64 AND N22 W41 CONTINUE A SLOW DECLINE. THE GROUP AT N22 E35 IS LITTLE CHANGED FROM YESTERDAY. IT IS STILL SLIGHTLY COMPLEX. A SMALL SUNSPOT GROUP HAS APPEARED AT N18 W53 AND MAY GROW. A GRADUAL DECLINE IN SOLAR ACTIVITY IS EXPECTED DURING THE NEXT WEEK.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD SEPTEMBER 25-27 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 40/20/20

IMPORTANCE THREE FLARES 10/5/2

IMPORTANCE FOUR FLARES 5/1/1

PROTON EVENTS 20/20/20

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 125. THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 25-27 ARE 123/122/119

D. THE FREDERICKSBURG MAGNETIC A. INDEX YESTERDAY WAS 14. TODAY IT WILL BE ABOUT 10. THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 25-27 ARE 8/8/6