

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 280 SEPTEMBER 7 1966

A. NO SOLAR FLARES HAVE BEEN REPORTED TODAY. THE LOSS OF A SMALL REGION OVER WEST LIMB YESTERDAY GIVES THE SUN A LESS ACTIVE APPEARANCE. THE THREE SUNSPOT GROUPS NOW VISIBLE ARE ALL SMALL CMMA STABLE CMMA AND OF THE TYPES THAT ARE NOT EXPECTED TO PRODUCE MAJOR FLARES. A VERY SMALL GROUP AT S21 E01 IS A REAPPEARANCE OF A GROUP SEEN ON 5 SEPTEMBER. NO ACTIVE REGIONS ARE EXPECTED TO RETURN AT EAST LIMB UNTIL 13 SEPT.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD SEPTEMBER 8-10 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 80/80/80

IMPORTANCE TWO FLARES 5/5/5

IMPORTANCE THREE FLARES 0/0/0

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 93. THE PREDICTED VALUES FOR THE PERIOD SEPTEMBER 8-10 ARE 92/91/91

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 23. TODAY IT WILL BE ABOUT 14. THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 8-10 ARE 10/8/6