

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 287 SEPTEMBER 14 1966

A. THE LARGE SUNSPOT GROUP AT N08 E65 IS CONSIDERED CAPABLE OF PRODUCING MAJOR FLARES ALTHOUGH NO FLARES GREATER THAN CLASS ONE HAVE BEEN REPORTED SINCE YESTERDAY. OPTICAL OBSERVATIONS TODAY ARE POOR DUE TO WEATHER. BRIGHT CAP PROMINENCES HAVE BEEN OBSERVED AT TWO POSITIONS ON EAST LIMB. 9.1 CM RADIO NOISE FLUX IS ENHANCED OVER ONE OF THESE REGIONS NEAR N02.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD SEPTEMBER 15-17 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 50/50/60

IMPORTANCE THREEE FLARES 20/20/20

IMPORTANCE FOUR FLARES 10/10/10

PROTON EVENTS 25/25/30

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 106. PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 15-17 ARE 110/113/116

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 01. TODAY IT WILL BE ABOUT 04. PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 15-17 ARE 6/8/8

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