

FROM SPACE DISTURBANCE FORECAST CENTER ESSABOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 277 SEPTEMBER 4 1966

A. REGION 8461 CMMA NOW AT WEST LIMB CMMA PRODUCED A CLASS 3 BRIGHT FLARE AT 0410 Z TODAY. PRIOR TO THE FLARE THE SUNSPOT GROUP IN THE REGION WAS AGAIN IDENTIFIED AS OF DELTA MAGNETIC CONFIGURATION. THE RECOGNITION OF PROTONS PRODUCED BY THIS FLARE HAS BEEN OBSCURED BY THE EXISTENNCE OF A STRONG MAGNETIC STORM CMMA HOWEVER FLARE AND REGION CHARACTERISTICS INDICATE IT WAS A LIKELY PRODUCER OF PROTONS. THE SUNSPOT GROUP CMMA CONTINUES TO BE VERY COMPLEX. TWO OTHER TINY SPOT GROUPS ARE VISIBLE TODAY AT N29W60 AND N26W10. THE FIRST ONE HAS PRODUCED SUBFLARES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD SEPTEMBER 5-7 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 95/70/50

IMPORTANCE TWO FLARES 50/5/2

IMPORTANCE THREE FLARES 10/1 /0

IMPORTANCE FOUR FLARES 2/0/0

PROTON EVENTS 90/60/40

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 100. THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 5-7 ARE 97/95/94

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 47. TODAY IT WILL BE ABOUT 71. THE PREDICTED VLAUES FOR THE THREE DAY PERIOD SEPTEMBER 5-7 ARE 30/30/20

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