

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
TRIAL SPACE DISTURBANCE FORECAST NUMBER 240 JULY 29 1966

A. A WELL-CONFIRMED IMPORTANCE THREE FLARE OCCURRED UNEXPECTEDLY  
AT 2215Z YESTERDAY IN THE EASTERN PORTION OF REGION 8413. THE  
ONLY SUNSPOT IN THIS REGION IS A RELATIVELY SMALL CMMA SIMPLE  
J-TYPE SPOT NOW AT N34 E15. THE REGION PRESENTLY DOES NOT APPEAR  
ACTIVE. OF MORE INTEREST ARE GROWING COMPLEX REGIONS AT N25 E41  
AND N26 E65. THE FORMER IS DEVELOPING A DELTA-CONFIGURATION AND  
IS THEREFORE LIKELY TO BECOME ACTIVE. BRIGHT CORONA CONTINUES AT  
NE LIMB AND THE CORONA ABOVE THE STABLE H-TYPE SPOT AT N23 W30  
CONTINUES TO INCREASE IN TEMPERATURE. AN IMPORTANCE ONE FLARE  
OCCURRED TODAY AT 0510Z NEAR THE COMPLEX GROUP AT N25 E41.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD JULY 30-AUGUST 1 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 50/55/60

IMPORTANCE THREE FLARES 10/10/15

IMPORTANCE FOUR FLARES 1/1/1

PROTON EVENTS 15/20/25

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 129. THE PREDICTED VALUES  
FOR THE THREE DAY PERIOD JULY 30-AUGUST 1 ARE 133/135/136

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 9. TODAY  
IT WILL BE ABOUT 3. THE PREDICTED VALUES FOR JULY 30-AUGUST 1  
ARE 12/40/15

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