

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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