

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 236 JULY ~~24~~⁵ 1966

A. SOLAR ACTIVITY HAS INCREASED SLIGHTLY AS THE SUNSPOTS IN REGION 8408 /N37 E07/ GROW IN SIZE AND COMPLEXITY. THE CORONA AT NE LIMB IS BRIGHTER AT 9.1 CM AND FE XIV WAVELENGTHS. THE CORONA ABOVE THE H-TYPE SPOT AT N21 E09 HAS ALSO BRIGHTENED AT 9.1 CM. THE REGIONS DUE TO RETURN AT E LIMB DURING THE NEXT THREE DAYS WERE SMALL AT LAST OBSERVATION CMMA BUT AT LEAST ONE HAS BRIGHTENED THE DAY OF WEST LIMB PASSAGE. THESE REGIONS ARE IN THE LOCATION OF THE HIGHLY ACTIVE REGION OF MARCH 15-28. THE BRIGHT CORONA NOW AT E LIMB SUGGESTS THAT THESE REGIONS MAY NOW BE ACTIVE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 26-28 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 40/60/60

IMPORTANCE THREE FLARES 5/10/10

IMPORTANCE FOUR FLARES 0/1/1

PROTON EVENTS 5/5/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 118. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 26-28 ARE 121/124/128

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 06.

TODAY IT WILL BE ABOUT 01. THE PREDICTED VALUES FOR JULY 26-28 ARE 4/6/8

FLHXX 252128Z