

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 236 JULY 2⁵ 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