

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
TRIAL SPACE DISTURBANCE FORECAST NUMBER 244 AUGUST 2 1966

THE SUN CONTINUES AT A LOW LEVEL OF ACTIVITY WITH ONLY THREE MINOR FLARES REPORTED TODAY. TWO OCCURRED AT 0625Z AND 0724Z IN REGION 8415 AT N26 E11. THIS REGION CONTAINS THE MOST INTERESTING SUNSPOT GROUP ON THE SUN DISK CMMA BUT EVEN THIS GROUP IS CONSIDERED OF MINOR IMPORTANCE. REGION 8411 AT N18 E36 IS VERY BRIGHT AND HAS INCREASED IN TEMPERATURE AT 9.1 CM. ITS SUNSPOT GROUP IS SMALL IN AREA BUT IS EXTENDED OVER MORE THAN 10 DEGREES OF SOLAR LONGITUDE. A LARGE PLAGE WILL PASS OVER WEST LIMB TOMORROW ALONG WITH A LARGE H TYPE SUNSPOT. A COUPLE OF MINOR REGIONS ARE DUE TO RETURN AT EAST LIMB DURING THE NEXT TWO DAYS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD AUGUST 3-5 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 90/90/90

IMPORTANCE TWO FLARES 10/10/10

IMPORTANCE THREE FLARES 0/0/0

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 116. THE PREDICTED VALUES FOR THE THREE DAY PERIOD AUGUST 3-5 ARE 114/115/116

D. THE FREDERICKSBURG A INDEX FOR YESTERDAY WAS 7. TODAY IT WILL BE ABOUT 1. THE PREDICTED VALUES FOR AUGUST 3-5 ARE 4/6/6

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