

HERE IS THE FORECAST FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA  
AGEWARN TRIAL SPACE DISTURBANCE FORECAST NUMBER 221 JULY 10  
1966.

**ADUBO ALFIN**

A. REGION 8362 FAS PRODUCED NUMEROUS FLARESTODAY DURING ITS  
PASSAGE OVER WEST LIMB. THE MOST SIGNIFICANT THUS FAR REPORTED  
INCLUDE AN IMPORTANCE TWO NORMAL /REPORTED AS ONE BRIGHT BY  
ANOTHER OBSERVATORY/ AT 0710Z CMMA AND AN OUTSTANDING LIMB  
FLARE OF UNCERTAIN IMPORTANCE /PROBABLY ONE OR TWO/ AT  
1806Z. THESE FLARES WERE ACCOMPANIED BY LARGE IONOSPHERIC  
EVENTS. IN ADDITION CMMA AT ABOUT 1625Z MAJOR IONOSPHERIC  
EVENTS INDICATED THE OCCURRENCE OF A FLARE. FEATURES WHICH WERE ID  
IDENTIFIED AS PROBABLE LOOP PROMINENCES WERE OBSERVED SHORTLY  
THEREAFTER AT THE NW LIMB. ALL INDICATIONS ARE THAT A FLARE  
OF INDETERMINATE IMPORTANCE HAD OCCURRED BEYOND THE SOLARE  
LIMB. AT LEAST FOUR OTHER FLARES OF IMPORTANCE ONE CMMA PLUS  
NUMEROUS SUBLFARES CMMA HAVE BEEN REPORTED TODAY FROM REGION  
8362. THE SUNSPOT GROUP IN REGION 8382 CMMA NOW AT N30W44CMMA  
CONTINUES TO GROW SLOWLY /AREA 130CMMA CLASS E1/. IT HAS  
PRODUCED NO SIGNIFICANT ACTIVITY. TINY SUNSPOT GROUPS WERE OBSERVED  
AT N19W43CMMA N19W08AND S30E07.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD JULY 11+13 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR ENCH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 75/75/75

IMPORTANCE TWO FLARES 5/5/5

IMPORTANCE THREE FLARES 0/0/0

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 20/5/0/

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 105. THE PREDICTED VALUES  
FOR THE THREE DAY PERIOD JULY 11+13 ARE 98/99/99

D. THE FREDRICKSBURG MAGNETIC A INDEX YESTERDAY WAS 24. TODAY  
IT WILL BE ABOUT 21. THE PREDICTED VALUES FOR JULY 11+13 ARE  
10/10/6.