

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.

ADNBo ALFin

A. REGION 8362 FAS PRODUCED NUMEROUS FLARES TODAY 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 ACCCOMPANIED BY LARGE IONOSPHERIC EVENTS. IN ADDITION CMMA AT ABOUT 1625Z MAJOR IONOSPHERIC EVENTS INDICATED THE OCCURRENCE OF A FLARE. FEATURES WHICH WERE 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 SUBLFLARES 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.