

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGEWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 220 JULY 9 1966

A. AN IMPORTANCE TWO BRIGHT FLARE CMMA BEGINNING BEFORE 0335Z
CMMA AND IMPORTANCE ONE FLARES AT 0245 AND 0727Z HAVE BEEN REPORTED
THUS FAR TODAY. REGION 8362 IS NOW AT N34 W78 AND WILL PASS OVER
WEST LIMB TOMORROW. THE SUNSPOT GROUP IN REGION 8362 CONTINUES
LARGE AND COMPLEX AND IS STILL CAPABLE OF PRODUCING MAJOR FLARE
ACTIVITY. THE SUNSPOT GROUP IN REGION 8382 IS GROWING SLOWLY YCMMA
AND HAS PRODUCED MINOR FLARES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY
PERIOD JULY 10¹² ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR
EACH OF THE THREE DAYS

IMPORTANCE ONE FLARES 90/80/80

IMPORTANCE TWO FLARES 25/10/10

IMPORTANCE THREE FLARES 5/1/0

IMPORTANCE FOUR FLARES 1/0/0

PROTON EVENTS 25/5/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 104. THE PREDICTED VALUES
FOR THE THREE DAY PERIOD JULY 10¹² ARE 98/98/99

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 20. TODAY
IT WILL BE ABOUT 22. THE PREDICTED VALUES FOR JULY 10¹² ARE
10/6/4.

BT