

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 239 JULY 28 1966

A. THE SUN HAS A SLIGHTLY MORE ACTIVE APPEARANCE TODAY WITH
ADDITIONAL SMALL SUNSPOT GROUPS APPEARING AT N35 W08 AND
N26 E82. THE LATTER OCCURS IN A LARGE BRIGHT PLAGE WHICH
PRODUCED AN UNCONFIRMED IMPORTANCE ONE FLARE AT 1203Z.

TWO ADDITIONAL IMPORTANCE ONE FLARES CMMA ALSO UNCONFIRMED
BY OTHER OBSERVATORIES CMMA OCCURRED AT 1110Z AND 1427Z
IN REGION 8414 AT N24 E57. THIS REGION IS LARGE CMMA BRIGHT
AND CONTAINS A RELATIVELY SMALL BUT UNUSUAL SUNSPOT GROUP.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 29-31 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES
FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 20/20/20

IMPORTANCE THREE FLARES 2/2/2

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 2/2/2

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 120. THE PREDICTED VALUES
FOR THE THREE DAY PERIOD JULY 29-31 ARE 121/120/119

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 11. TODAY
IT WILL BE ABOUT 8. THE PREDICTED VALUES FOR JULY 29-31 ARE

6/6/6

28/2058Z FLHXX