

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 237 JULY 26 1966

A. SOLAR ACTIVITY IS HIGHER TODAY WITH THE OCCURRENCE OF NUMEROUS
SMALL FLARES CMMA AT 0626 CMMA 0733 CMMA 0907 CMMA 1056 CMMA
AND 1450Z. FLARE ACTIVITY HAS OCCURRED PREDOMINATELY IN THREE
REGIONS CLN 8413 /N34 E65/ CMMA 8408 /N37 W04/ CMMA AND
8414 /N24 E85/. THE REGION 8408 PLAGE IS SOMEWHAT LARGER AND
BRIGHTER TODAY HOWEVER THE SUNSPOT GROUP HAS SIMPLIFIED.
THE REGION 8413 PLAGE IS BOTH LARGER AND BRIGHTER BUT THE
SUNSPOT GROUP IS SMALL AND SIMPLE. REGION 8414 IS STILL
COMING OVER THE E LIMB. THE PLAGE IS RATHER BRIGHT AND THE
SUNSPOT GROUP CMMA THOUGH TOO NEAR THE LIMB TO BE CLEARLY
OBSERVED CMMA APPEARS TO MODERATELY LARGE AND COMPLEX.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 27-29 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES
FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 40/40/40

IMPORTANCE THREE FLARES 5/5/5

IMPORTANCE FOUR FLARES 1/1/1

PROTON EVENTS 5/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 124. THE PREDICTED VALUES
FOR THE THREE DAY PERIOD JULY 27-29 ARE 127/129/130

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 02.
TODAY IT WILL BE ABOUT 05. THE PREDICTED VALUES FOR JULY 27-29
ARE 6/6/6

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