

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 234 JULY 23 1966

A. SOLAR ACTIVITY HAS INCREASED SLIGHTLY BUT SIGNIFICANTLY. MCMATH
PLAGE NUMBER 8408 HAS BRIGHTENED CONSIDERABLY CMMA AND THE ASSOCIATED
SPOT HAS INCREASED MARKEDLY IN SIZE. THE LOCATION IS N36 E34.
THE REGION IS TILL SMALL BUT IT PRODUCED IN IMPORTANCE ONE BRIGHT
FLARE TODAY AT 1535Z PLUS SEVERAL SUBSUBFLARES. SATELLITE OBSER-
VATIONS TODAY SHOWED X-RAY BURSTS AT 0553Z CMMA 0838Z CMMA
AND 1305Z. THE REGION WHICH DOMINATED THE DISK YESTERDAY IS AT
N22 E47 TODAY CMMA AND APPEARS STABLE. THE REGION APPROACHING
EAST LIMB GIVES SOME EVIDENCE OF BEING LARGE CMMA BUT AS YET IS
BARELY VISIBLE. IT HAS NOT PRODUCED FLARES SINCE THE LIMB FLARE
REPORTED YESTERDAY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 24-26 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR
EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 40/50/60

IMPORTANCE THREE FLARES 5/10/10

IMPORTANCE FOUR FLARES 0/0/1

PROTON EVENTS 5/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 107. THE PREDICTED VALUES
FOR THE THREE DAY PERIOD JULY 24-26 ARE 110/113/116

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 8. TODAY
IT WILL BE ABOUT 6. THE PREDICTED VALUES FOR JULY 24-26 ARE 6/6/6

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