

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 241 JULY 30 1966

A. SOLAR ACTIVITY HAS DIMINISHED SIGNIFICANTLY SINCE YESTERDAY. THE SUNSPOT GROUPS DISCUSSED YESTERDAY HAVE ALL BECOME SMALLER AND LESS COMPLEX. 9.1 CM RADIO NOISE EMISSION FROM THE VARIOUS REGIONS IS ALSO LOWER. A NEWLY VISIBLE REGION /8421/ AT N20 E80 APPEARS TO BE RATHER LARGE AND BRIGHT. NO SUNSPOT IS YET VISIBLE IN IT HOWEVER IT HAS PRODUCED SUBFLARES. NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 31-AUGUST 2 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 25/20/20

IMPORTANCE THREE FLARES 2/1/1

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 2/1/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 124. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 31-AUGUST 2 ARE 121/119/118

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 6. THE PREDICTED VALUES FOR JULY 31-AUGUST 2 ARE 30/15/8

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PLS ACK