

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN.

TRIAL SPACE DISTURBANCE FORECAST NUMBER 215 JULY 4 1966

A. THE SUNSPOTS IN REGION NUMBER 362 AT N35 W15 HAVE INCREASED MARKEDLY IN SIZE COMMA NUMBER COMMA AND COMPLEXITY DURING THE LAST 24 HOURS. THE ASSOCIATED PLAGE HAS ALSO GROWN AND IS NOW THE BRIGHTEST PLAGE ON THE SUN. THE SUNSPOT AREA IS IN EXCESS OF 200 MILLIONTHS AND HAS BEEN CLASSED AS A BETA + GAMMA SPOT BY ONE OBSERVATORY. THE REGION IS PRODUCING FLARES COMMA BUT AS YET NOTHING MORE THAN IMPORTANCE ONE BRIGHT. THIS OCCURED AT 1642Z TODAY.

A WEAK SUDDEN COSMIC NOISE ABSORPTION WAS OBSERVED AT 1650Z.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 5+7 ARE AS FOLLOWS / FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE FLARES 100/100/100/

IMPORTANCE TWO FLARES 10/15/20

IMPORTANCE THREE FLARES 0/2/5/

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 2/5/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 101. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 5+7 ARE 104/106/108

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 5. TODAY IT WILL BE ABOUT 7. THE PREDICTED VALUES FOR JULY 5+7 ARE

6/4/4