

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 259 AUGUST 17 1966

A. SOLAR ACTIVITY IS SLIGHTLY INCREASED OVER YESTERDAY. TWO CLASS ONE FLARES HAVE BEEN REPORTED CLN AT 0030Z /S24W64 REGION 8429/ AND AT 0936Z /N25W08 REGION 8438/. THERE IS A SCATTERING OF SMALL PLAGE REGIONS NEAR THE NORTH EAST LIMB AND AN APPARENTLY SMALL SPOT GROUP IS VISIBLE THERE. THE SUNSPOT GROUP IS TOO NEAR THE LIMB TO SEE DISTINCTLY. A TINY SUNSPOT GROUP HAS DEVELOPED IN THE REGION OF THE 0936Z FLARE. ENHANCED GREEN CORONA AT THE NORTHEAST LIMB MAY BE INDICATIVE OF THE REGION EXPECTED TO RETURN ON THE 20TH.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD AUGUST 18-20 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 70/80/90

IMPORTANCE TWO FLARES 5/5/10

IMPORTANCE THREE FLARES 0/0/1

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 94. THE PREDICTED VALUES FOR THE THREE DAY PERIOD 18-20 AUGUST ARE 95/97/100

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 04. TODAY IT WILL BE ABOUT 01. PREDICTED VALUES FOR 18-20 AUGUST ARE 4/6/6

BT