

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 214 JULY 3 1966

A. SOLAR ACTIVITY HAS INCREASED SLIGHTLY BUT SIGNIFICANTLY OVER YESTERDAY. MCMATH REGION NUMBER 361 CMMA AT N35 W22 HAS ONLY A SMALL SUNSPOT CMMA BUT IT PRODUCED A FLARE ACCCOMPANIED BY AN X RAY BURST AT 0715Z TODAY. THE FLARE WAS CLASSED AS ONE NORMAL BY ONE OBSERVATORY AND AS TWO FAINT BY ANOTHER. THE LARGEST SUNSPOT IS IN REGION NUMBER 370 AT N22 W52 CMMA BUT IT IS ONLY 70 MILLIONTHS OF THE SOLAR HEMISPHERE. THERE ARE MANY SMALL SPOTS IN THE NORTHERN HEMISPHERE CMMA GIVING A SUNSPOT NUMBER OF 110. THE NEW REGION COMING OVER THE EAST LIMB IS IN TWO PARTS CMMA BOTH CONTAINING SMALL SUNSPOTS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 4+7 ARE AS FOLLOWS / FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE FLARES 95/95/95

IMPORTANCE TWO FLARES 5/5/5

IMPORTANCE THREE FLARES 0/0/0

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 96. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 4+7 ARE 97/98/99

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 5. TODAY IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR JULY 4+6 ARE 8/4/4.