

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 235 JULY 24 1966

A. REGION 8408 CONTINUES TO BE THE MOST ACTIVE CENTER.

THE SUNSPOT AREA IS NOW 120 MILLIONTHS CMMA WHICH IS 4 TIMES AS LARGE AS YESTERDAY. AN IMPORTANCE ONE BRIGHT FLARE WAS OBSERVED IN THIS REGION AT 0745Z TODAY. THE REGION IS AT N37 E21. THE EAST LIMB REGION IS PARTLY VISIBLE CMMA WITH MORE TO COME. THE PLAGE AND SUNSPOT AREAS SEEN SO FAR ARE NOT VERY IMPRESSIVE. IT HAS PRODUCED AN ERRUPTIVE PROMINENCE AND A SUBFLARE TODAY. THE X-RAY BACKGROUND FLUX OBSERVED BY SATELLITE HAS INCREASED MARKEDLY TODAY CMMA BUT X-RAY BURSTS ARE NOT BEING REPORTED. IONOSPHERIC EFFECTS ARE NOT BEING REPORTED EITHER.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 25-27 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 50/60/70

IMPORTANCE THREE FLARES 5/10/15

IMPORTANCE FOUR FLARES 0/1/1

PROTON EVENTS 10/10/15

C. THE OTTAWA 10.7 FLUX TODAY WAS 115. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 25-27 ARE 120/125/128

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 6. TODAY IT WILL BE ABOUT 6. THE PREDICTED VALUES FOR JULY 25-27 ARE 6/8/8