

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 223 JULY 12 1966

A. SOLAR ACTIVITY SHOULD SHOW A SLIGHT INCREASE TOMORROW AS A RETURNING REGION ROTATES ONTO THE DISK AT N24. THIS LIMB REGION HAS PRODUCED NUMEROUS SURGES AND ACTIVE PROMINENCES TODAY. A LEADER SUNSPOT OF MODERATE SIZE HAS BEEN OBSERVED IN THE REGION CMMA BUT THERE MAY BE ADDITIONAL SPOTS STILL BEYOND THE EAST LIMB. ALL REGIONS ON THE WESTERN HALF OF THE VISIBLE SUN APPEAR TO BE DECLINING. ANOTHER NEW GROUP HAS APPEARED AT S20 E70 IN A SMALL BRIGHT PLAGE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 13<sup>15</sup> ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 90/95/95

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 99. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 13<sup>15</sup> ARE 99/100/101

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 9. TODAY IT WILL BE ABOUT 14. THE PREDICTED VALUES FOR JULY 13<sup>15</sup> ARE 8/6/4  
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