

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 222 JULY 11 1966

A. SOLAR FLARE ACTIVITY HAS DROPPED TO A LOW LEVEL WITH THE PASSAGE OVER WEST LIMB YESTERDAY OF REGION 8362. A VERY LARGE ERUPTIVE PROMINENCE OCCURRED AT THE NORTH WEST LIMB AT 0904Z TODAY CMMA INDICATION A FLARE OVER THE SOLAR LIMB IN REGION 8362. THE SUNSPOT GROUP IN REGION 8394 /AT S31 W08/ IS DEVELOPING SLOWLY /AREA 40 PCMMA CLASS C/. ITS ASSOCIATED PLAGE IS COMPACT AND BRIGHT. THE SUNSPOT GROUP IN REGION 3379 /N27 W51/ IS SMALL BUT GROWING CMMA AND THE SPOT GROUP IN REGION 8382 NOW APPEARS TO BE SLOWLY DECLINING. A SMALL BRIGHT PLAGE CMMA REGION 8396 CMMA IS VISIBLE TODAY AT SOUTH EAST LIMB.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 12↑14 ↑43 ↑ FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 90/90/90

IMPORTANCE TWO FLARES 5/5/5

IMPORTANCE THREE FLARES 0/0/0

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 10/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 105. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 12↑14 ARE 102/101/100

D. THE FREDRICKSBURG MAGNETIC A INDEX YESTERDAY WAS 21. TODAY IT WILL BE ABOUT 6. THE PREDICTED VALUES FOR JULY 12↑14 ARE 5/5/4.

BT