

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 216 JULY 5 1966

A. THE SUN IS DOMINATED BY A LARGE COMPLEX SUNSPOT GROUP AT N33 W28 WHICH HAS NEARLY TRIPLED IN SIZE SINCE YESTERDAY. THE MAGNETIC FIELDS IN THE REGION FORM A DELTA CONFIGURATION CMMA A CHARACTERISTIC WHICH IS OFTEN A PRECURSOR OF PROTON FLARES. THE REGION HAS CONTINUED TO GROW IN RECENT HOURS. SO FAR TODAY THERE HAVE BEEN REPORTS ONLY OF SUBFLARES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 6-8 ARE AS FOLLOWS/ FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 40/40/40

IMPORTANCE THREE FLARES 5/10/10

IMPORTANCE FOUR FLARES 1/2/2

PROTON EVENTS 30/35/40

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 102. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 6-8 ARE 104/105/105.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 4.

TODAY IT WILL BE ABOUT 7. THE PREDICTED VALUES FOR JULY 6-8 ARE 6/6/6.