

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 294 SEPTEMBER 21 1966

A. A NEW SUNSPOT GROUP OF UNUSUAL STRUCTURE COVERS AN
EXTENSIVE AREA IN THE BRIGHT REGION AT N24E76. THE SUNSPOTS
MAY HAVE FORMED LATE YESTERDAY NEAR THE LIMB AND RAPID GROWTH
MAY OCCUR HERE.

THE HELIOGRAPHIC POSITION OF THE REGION IS FAVORABLE FOR
PROTON EMISSION SHOULD THE REGION DEVELOP A DELTA CONFIGURATION.

THE SUNSPOT GROUPS AT N21WN ^{03 Nov 27} / ~~XXN07W27~~ APPEAR TO BE
DECLINING SLOWLY. THEY ARE STILL CAPABLE OF MAJOR FLARE ACTIVITY
A CLASS ONE OR SMALL CLASS TWO FLARE OCCURRED IN THE FORMER
REGION AT 0930Z. THE REGION AT N18W66 ~~0958173 - 492 & 4925~~
continues a slow growth
AND HAS PRODUCED SUBFLARES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD SEPTEMBER 2224 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 90/90/80

IMPORTANCE THREE FLARES 50/50/40

IMPORTANCE FOUR FLARES 10/10/5

PROTON EVENTS 30/30/40

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 136.. > 5 043\$XXXXXX

THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 2224 ARE
139/140/138

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 15.

TODAY IT WILL BE ABOUT 10. THE PREDICTED VALUES FOR THE THREE
PERIOD SEPTEMBER 2224 ARE 6/5/4/