

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 295 SEPTEMBER 22 1966

A. THE SUNSPOT GROUP AT N21 E63 HAS GROWN SINCE YESTERDAY AND IS NOW  
BECOMING A MAJOR 1 DAY RESIDUE. IN ITS PRESENT STATE IT IS POSSIBLY CAPABLE OF  
SIGNIFICANT ACTIVITY HAS BEEN REPORTED FROM IT THUS FAR.

THE SUNSPOT GROUPS AT N08 W38 AND N22 W15 ARE DEFINITELY DECLINING  
IN AREA AND COMPLEXITY BUT COULD STILL PRODUCE MAJOR FLARES. 9.1  
CM EMISSION FROM N21 E63 HAS INCREASED, BUT EMISSION HAS DROPPED  
SIGNIFICANTLY FROM N08 W38.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD SEPTEMBER 2325 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES  
FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 80/70/60

IMPORTANCE THREE FLARES 30/20/20

IMPORTANCE FOUR FLARES 5/2/2

PROTON EVENTS 25/20/25

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 132. THE PREDICTED VALUES  
FOR THE THREE DAY PERIOD SEPTEMBER 2325 ARE 129/127/126.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 9. TODAY IT  
WILL BE ABOUT 3. THE PREDICTED VALUES FOR THE THREE DAY PERIOD  
SEPTEMBER 2325 ARE 4/4/3

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CORRECTION LINE TWO PARA A SHOULD READXXXX READ  
OF AREA ABOUT 310 MILLIONTHS. IT IS COMPLEX AND APPEARS CAPABLE OF  
PRODUCING MAJOR FLARES LATER IN ITS DISK PASSAGE. HOWEVER NO ETCMMMM  
ETC.....

ACK

DF AND CORRECTIOND DAA

*See below*

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