

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
TRIAL SPACE DISTURBANCE FORECAST NUMBER 296 SEPTEMBER 23 1966  
A THE SUNSPOT GROUP AT N03W53 REMAINS STABLE AT ABOUT 500  
MILLIONTHS AREA AND RETAINS A SLIGHTLY COMPLEX STRUCTURE.  
THE AREA OF THE GROUP AT N22E48 IS THE SAME AS YESTERDAY  
BUT THE GROUP GEOMETRY HAS BECOME MORE COMPLEX. BOTH REGIONS  
CAPABLE OF PRODUCING MAJOR FLARES HOWEVER NO SIGNIFICANT  
ACTIVITY HAS YET BEEN OBSERVED IN THE N22E48 REGION. THE  
N06W53 REGION HAS PRODUCED NOTHING SIGNIFICANT SINCE  
SEPTEMBER 20. THE SPOT GROUP AT N22W27 IS NOW DEFINITELY  
DECLINING.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD SEPTEMBER 2426 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES  
FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 60/60/60

IMPORTANCE THREE FLARES 15/15/15

IMPORTANCE FOUR FLARES 2/2/2

PROTON EVENTS 20/20/20

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 126. THE PREDICTED VALUES  
FOR THE THREE DAY PERIOD SEPTEMBER 2426 ARE 124/123/122.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 7. TODAY IT  
WILL BE ABOUT 14. THE PREDICTED VALUES FOR THE THREE DAY PERIOD  
SEPTEMBER 2426 ARE 14/12/8