

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