

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
TRIAL SPACE DISTURBANCE FORECAST NUMBER 302 SEPTEMBER 29 1966

A. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY DUE TO THE  
REDEVELOPMENT OF THE SUNSPOTS AT N25 W33. NEW STRONG SPOTS  
HAVE DEVELOPED SINCE YESTERDAY AND ARE STILL GROWING. THE  
GROUP GEOMETRY IS UNUSUAL BUT THE GROUP AREA IS ONLY 190  
MILLIONTHS AND THERE IS NO EVIDENCE OF MAGNETIC COMP EXITY.  
THE SUNSPOT GROUP AT S17 W16 IS SMALL BUT HAS A HIGH SPOT  
COUNT. THE GROUP AT N32 E56 IS NOT DEVELOPING. NO REGIONS  
ARE EXPECTED TO RETURN TO EAST LIMB UNTIL 3 OCTOBER.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD SEPTEMBER 30 - OCTOBER 2 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 809090

IMPORTANCE TWO FLARES 20/25/30

IMPORTANCE THREE FLARES 5/5/10

IMPORTANCE FOUR FLARES 1/1/1

PROTON EVENTS 5/10/15

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 98. THE PREDICTED  
VALUES FOR THE THREE DAY PERIOD SEPT. 30- OCT. 2 ARE 100/102/103

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 16. TODAY  
IT WILL BE ABOUT 13. THE PREDICTED VALUES FOR THE THREE DAY  
PERIOD SEPTEMBER 30 - OCT. 2 ARE 15/15/11