

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
TRIAL SPACE DISTURBANCE FORECAST NUMBER 284 SEPTEMBER 11 1966

A. IT IS UNLIKELY THAT ANY SOLAR REGIONS NOW VISIBLE WILL PRODUCE MAJOR FLARES. THE SUNSPOT REGION AT S21 W60 HAS NOT DEVELOPED MUCH BEYOND YESTERDAYS SIZE AND COMPLEXITY AND IT HAS PRODUCED ONLY A FEW SUBFLARES TODAY. REGION 8496 AT N21 E08 CONTINUES TO DECLINE SLOWLY AND HAS ALSO BECOME LESS FLARE ACTIVE TODAY. A NEW TINY SUNSPOT GROUP HAS APPEARED AT N29 E25. PLAGE BRIGHTENINGS AT S22 E10 AND S25 E60 MAY PRESAGE ADDITIONAL SPOT GROUPS TO FORM TOMORROW. MODERATE GREEN CORONA AT N25 N05 AND S20 INDICATE THAT THE REGIONS EXPECTED TO RETURN ON 12 AND 13 SEPTEMBER MAY BE MORE ACTIVE THAN WHAT IS NOW ON THE DISK.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD SEPTEMBER 12-14 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 20/30/30

IMPORTANCE THREE FLARES 1/5/5

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 95. PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 12-14 ARE 98/100/100

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 15.

TODAY IT WILL BE ABOUT 07. PREDICTED VALUES FOR THE PERIOD SEPTEMBER 12-14 ARE 8/7/6

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