

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 282 SEPTEMBER 09 1966

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH NUMEROUS SUBFLARES REPORTED FROM REGION 8484 AT S21 W26. THIS REGION CONTAINS A BETA GAMMA SPOT GROUP AND HAS GROWN TO CLASS C WITH AREA ABOUT 60 MILLIONTHS IN THE PAST FEW HOURS. IT HAS THE POTENTIAL TO PRODUCE FLARES OF GREATER IMPORTANCE PRIOR TO WEST LIMB PASSAGE. REGION 8496 AT N22 E45 HAS PRODUCED NO FLARES SINCE THE SUBFLARE OF LATE YESTERDAY CMMA AND THE SPOT GROUP IS DECLINING.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD SEPT 10-12 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 90/95/100

IMPORTANCE TWO FLARES 10/15/25

IMPORTANCE THREE FLARES 0/1/5

IMPORTANCE FOUR FLARES 0/0/1

PROTON EVENTS 0/5/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 94. PREDICTED VALUES FOR THE PERIOD SEPT 10-12 ARE 96/98/101

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 35.

TODAY IT WILL BE ABOUT 14. PREDICTED VALUES FOR THE PERIOD SEPT 10-12 ARE 12/8/6

BT