

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWAR  
TRIAL SPACE DISTURBANCE FORECAST NUMBER 288 SEPTEMBER 15 1966

A. THE ONLY FLARE ACTIVITY REPORTED TODAY HAS BEEN SUBFLARES  
IN REGION 8496 AT N22 W46 COINCIDING WITH RAPID GROWTH OF  
THE ASSOCIATED SUNSPOT GROUP. THE SUNSPOT GROUP IS NOW TYPE  
C WITH AREA OF 150 MILLIONTHS. OBSERVATIONS AT 9.1 CM GIVE  
REASON TO REMAIN CAUTIOUS ABOUT MAJOR FLARES LIKELY FROM  
REGION 8505 AT N08 E53. THE H TYPE GROUP AT THIS LOCATION  
HAS AN AREA NEAR 500 MILLIONTHS AND ITS LARGEST UMBRA IS  
EXCEPTIONALLY DARK. THE CONTINUED RISE OF 10.7 CM FLUX CAN  
BE ATTRIBUTED TO THE GROWTH OF REGION 8496 AND ADDITIONAL  
PLAGE APPEARING AT NE LIMB. THE ACTIVE REGION WHICH PRODUCED  
MAJOR FLARES AND PROTON EVENTS BETWEEN 28 AUGUST AND 2  
SEPTEMBER WILL RETURN ON 18 SEPTEMBER.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD SEPTEMBER 16-18 ARE AS FOLLOWS/FIGURES  
ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 50/60/70

IMPORTANCE THREE FLARES 15/20/25

IMPORTANCE FOUR FLARES 5/5/10

PROTON EVENTS 25/25/30

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 111. PREDICTED VALUES  
FOR THE THREE DAY PERIOD SEPTEMBER 16-18 ARE 114/117/123

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 07.  
TODAY IT WILL BE ABOUT 14. PREDICTED VALUES FOR THE THREE  
DAY PERIOD SEPTEMBER 16-18 ARE 12/8/6

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