

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 283 SEPTEMBER 10 1966

A. SOLAR ACTIVITY HAS RISEN SLIGHTLY WITH IMPORTANCE ONE FLARES
OCCURRING AT 0603Z CMMA 1220Z AND 1820Z ALL FROM THE DECLINING
REGION 8496 AT N21 E22. NUMEROUS SUBFLARES HAVE ALSO OCCURRED
HERE AND IN REGION 8484 AT S21 W46. THE GROUP IN THE SW HAS
GROWN TO A SMALL CLASS E WITH AN AREA OF ABOUT 120 MILLIONTHS
AND CONTINUES TO EXHIBIT A SLIGHTLY COMPLICATED CONFIGURATION.
DESPITE THE INCREASED ACTIVITY IN THE NE THE SW REGION SHOULD
BE CONSIDERED THE MOST LIKELY TO DEVELOP MORE IMPORTANT ACTIVITY.
ITS STRUCTURE AND POSITION IN HELIOGRAPHIC COORDINATED
INDICATES SOME POSSIBILITY OF IT DEVELOPING PROTON FLARE
PRODUCTION. A NEW SMALL SUNSPOT GROUP HAS APPEARED AT
S16 W23. MINOR REGIONS ARE EXPETED TO REAPPEAR AT EAST LIMB
ON 12 AND 13 SEPTEMBER.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD SEPTEMBER 11-13 ARE AS FOLLOWS /FIGURES
ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 20/30/40

IMPORTANCE THREE FLARES 1/5/5

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 5/10/15

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 92. PREDICTED VALUES
FOR THE PERIOD SEPTEMBER 11-13 ARE 96/98/101

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 16.
TODAY IT WILL BE ABOUT 14. THE PREDICTED VALUES FOR THE
PERIOD SEPTEMBER 11-13 ARE 12/10/10