

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 286 SEPTEMBER 13 1966

A. A LARGE SYMMETRICAL SUNSPOT HAS APPEARED AT N08 E82 AT THE LOCATION OF THE MAJOR LIMB EVENT OF YESTERDAY. THE STRUCTURE OF THE SPOT TOGETHER WITH STRONG LOOPS YESTERDAY SUGGEST THAT THE SPOT FORMS A DELTA CONFIGURATION. ALTHOUGH THERE HAS BEEN VERY LITTLE FLARE ACTIVITY TODAY CMMA THIS REGION WILL PROBABLY PRODUCE ADDITIONAL MAJOR FLARES DURING ITS DISK PASSAGE. IT IS LIKELY THAT THERE MAY BE DAYS OF CALM BETWEEN MAJOR FLARES. THE REGIONS AT N22 W15 AND N32 W05 ARE SMALL AND INACTIVE. ADDITIONAL SMALL REGIONS ARE EXPECTED TO RETURN TO NE LIMB DURING THE NEXT THREE DAYS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD SEPTEMBER 14-16 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 50/50/50

IMPORTANCE THREE FLARES 20/20/20

IMPORTANCE FOUR FLARES 10/10/10

PROTON EVENTS 25/25/25

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 101. THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 14-16 ARE 103/104/106

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 3.

TODAY IT WILL BE ABOUT 2. THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 14-16 ARE 4/8/6