

FROM SPACE DISTURBANCE FORECAST CENTER ESSA /BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 276 SEPTEMBER 3 1966

A. NO MAJOR FLARES HAVE BEEN REPORTED FROM REGION 8461 SINCE THE CLASS TWO OF EARLY YESTERDAY. THE REGION IS NOW WITHIN A DAY OF WEST LIMB. THE SUNSPOT GROUP HAS DIMINISHED IN SIZE BUT STILL POSSESSES A DELTA MAGNETIC DONFIGURATION. THUS THE LIKELIHOOD OF FLARE PRODUCTION IN THE REGION PRIOR TO AND DURING LIMB TRANSIT REMAINS HIGH. ONLY ONE OTHER TINY SUNSPOT GROUP IS VISIBLE ON THE DISK TODAY CMMA AT N20 W11. THE PROTON EVENT PRODUCED BY YESTERDAYS FLARE STILL CONTINUES. A SMALL MAGNETIC STORM BEGAN ABOUT 1600Z YESTERDAY AND STILL CONTINUES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD SEPTEMBER 4-6 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/85/60

IMPORTANCE TWO FLARES 70/30/2

IMPORTANCE THREE FLARES 30/2/0

IMPORTANCE FOUR FLARES 5/0/0

PROTON EVENTS 90/50/30

D. THE OTTAWA 10.7 CM FLUX TODAY WAS 101. THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 4-6 ARE 99/96/95

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 13. TODAY IT WILL BE ABOUT 25. THE PREDICTED VALUES FOR THE THREE DAY PERIOD SEPTEMBER 4-6 ARE 25/15/10