

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 258 AUGUST 16 1966

A. SOLAR ACTIVITY HAS INCREASED SLIGHTLY. HOWEVER NO FLARES MORE
IMPORTANT THAN SUBFLARES HAVE BEEN REPORTED IN THE LST TWO DAYS.
A REGION WHICH WAS EXPECTED TO RETURN TODAY SEEMS TO BE VISIBLE
NEAR THE NE LIMB IN DIMINISHED INTENSITY. THE NEXT MAJOR REGION IS
EXPECTED TO RETURN ON 20 AUGUST. A SMALL REGION IN THE SOUTHWEST
BRIGHTENED SOMEWHAT TODAY AND PRODUCED A SUBFLARE ATS23 W59

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD AUGUST 17-19 ARE AS FOLLOWS/ FIGURES ARE PERCENTAGES
FOR EACH OF THE THREE DAYS

IMPORTANCE ONE FLARES 60/60/60/

IMPORTANCE TWO FLARES 2/2/2/

IMPORTANCE THREE FLARES 0/0/0

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0/

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 93. THE PREDICTED VALUES FOR

THE THREE DAY PERIOD AUGUST 17-19 ARE 94/95/96

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 17. TODAY IS
WILL BE ABOUT 4. PREDICTED VALUES FOR 17-19 AUGUST ARE 5/6/6

PLS ACK