

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
SPACE DISTURBANCE FORECAST NUMBER 356 NOVEMBER 22 1966

A. THE PROBABILITY FOR THE OCCURRENCE OF MAJOR FLARES REMAINS
MODERATELY HIGH. THE SUNSPOT GROUP AT N21W18 IS SOMEWHAT LARGER AND
MORE COMPLEX THAN YESTERDAY. IT IS PREDOMINATED BY SMALL UMBRAS AND
HAS POORLY DEVELOPED PENUMBRAS. IT HAS PRODUCED NO FLARES
LARGER THAN SUBFLARES. A REGION CONTAINING A SMALL SPOT
GROUP AT N29E12 PRODUCED CLASS ONE FLARES AT 0913 AND 1845Z TODAY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD NOVEMBER 23+25 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES
FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 50/50/50

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 15/15/15

C. THE OTTAWA 10.7 CM FLUX TODAY IS 119. PREDICTED VALUES FOR
THE THREE DAY PERIOD NOVEMBER 23+25 ARE 118/117/116.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 6. TODAY IT WILL BE
ABOUT 2. THE PREDICTED VALUES FOR THE THREE DAY PERIOD
NOVEMBER 23+25 ARE 4/4/6.

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