

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

SF E DISTURBANCE FORECAST NUMBER 355 NOVEMBER 21 1966

A. MAJOR FLARE ACTIVITY IS EXPECTED TO BEGIN WITHIN 48 HOURS FROM A COMPLEX GROWING REGION NEAR CENTRAL MERIDIAN. THE MAGNETIC POLARITIES AND FIELD STRENGHTS HAVE CREATED AN AREA OF HIGH FIELD GRADIENT IN THIS REGION ALTHOUGH NO DELTA DONFIGURATION YET EXISTS. THE PLAGE IS BRIGHT AND CONTAINS STRUCTURES USUALLY ASSOCIATED WTH THE MORE ACTIVE OF REGIONS. NO FLARES OTHER THAN SUBFLARES HAVE OCCURRED SO FAR TODAY. FIVE OTHER REGIONS HAVE SMALL SUNSPOT GROUPS AND ARE NOT ACTIVE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD NOVEMBER 22+24 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 50/60/60

IMPORTANCE THREE OR GREATER 10/15/15

PROTON EVENTS 25/30/35

C. THE OTTAWA 10.7 CM FLUX TODAY IS 115. PREDICTED VALUES FOR THE THREE DAY PERIOD NOVEMBER 22+24 ARE 119/121/123.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 6. TODAY IT WILL BE ABOUT 7. THE PREDICTED VALUES FOR THE THREE DAY PERIOD NOVEMBER 22+24 ARE 6/6/4.

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