

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 386A ISSUED 1700Z

DECEMBER 22 1966

A. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY FROM THE APPEARANCE OF THREE ACTIVE REGIONS AT EAST LIMB. LARGE BRIGHT PLAGES ARE OBSERVED AT N21E84 AND S22E78. SPOT GROUPS ARE SEEN AT THESE LOCATIONS WITH AREAS OF ABOUT 50 AND 100 MILLIONTHS RESPECTIVELY. A LARGE REGION OF LIMB SURGES IS SEEN AT N25-30 INDICATING AN ADDITIONAL REGION WILL APPEAR ON THE DISK TOMORROW. AN IMPORTANCE ONE FLARE WAS REPORTED TODAY AT ~~0255Z~~ NEAR A VERY SMALL SPOT GROUP AT N30E39. TINY SPOT GROUPS ARE ALSO SEEN AT N27E54 AND S01E03.

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

IMPORTANCE ONE OR GREATER 95/100/100

IMPORTANCE TWO OR GREATER 5/10/10

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 110. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 23-25 ARE 112/114/115.

D. THE FREDERICKSBURG MAGNETIC INFORMATION WILL BE INCLUDED ON THE 2300Z FORECAST.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

ALN/L

SPACE DISTURBANCE FORECAST NUMBER 386B ISSUED 2300Z

DECEMBER 22 1966

A. SOLAR ACTIVITY IS INCREASING SLIGHTLY. TWO SUNSPOT GROUPS NEAR EAST LIMBWERE EACH MEASURED AS 120 MILLIONTHS AREA AND ZURICH CLASS C AS OF DEC 22.8. THEY ARE AT N21E82 AND S23E76 AND ARE ASSOCIATED WITH MODERATELY LARGE AND BRIGHT CALCIUM PLAGE REGIONS. THERE ARE FOUR OTHER SPOT GROUPS VISIBLE AT N29E29 N27E51 S01E03 AND S28E86 BUT ALL ARE TINY.

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

IMPORTANCE ONE OR GREATER 95/100/100

IMPORTANCE TWO OR GREATER 5/10/10

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS 111. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 23-25 ARE 113/115/117.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 8. TODAY IT WILL BE ABOUT 10. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 23-25 ARE 7/7/12.