

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 387A ISSUED 1700Z

DECEMBER 23 1966

A. SOLAR FLARE ACTIVITY IS INCREASING HOWEVER MAJOR FLARES ARE NOT YET PROBABLE. THE REGION AT ABOUT N21E70 APPEARS TO BE NEW AND GROWING. THE CALCIUM PLAGE IS BRIGHT AND COMPACT AND THE SPOT GROUP IS CLASS D WITH AREA ABOUT 240 MILLIONTHS. SEVERAL SUBFLARES HAVE OCCURRED HERE. THE REGION NEAR S24E70 ALSO POSSESSES A BRIGHT CALCIUM PLAGE AND A CLASS C SPOT GROUP OF ABOUT 100 MILLIONTHS AREA. THIS SPOT GROUP IS POSSIBLY DECLINING. THE REGION IS A MODERATELY STRONG SOURCE OF 9.1 CM EMISSION. ALL OTHER REGIONS VISIBLE ARE SMALL AND DECLINING.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 24-26 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/15/20

IMPORTANCE THREE OR GREATER 0/1/2

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 115. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 24-26 ARE 117/120/122.

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

ALN1

SPACE DISTURBANCE FORECAST NUMBER 387B ISSUED 2300Z

DECEMBER 23 1966

AM SOLAR ACTIVITY IS EXPECTED TO INCREASE SLOWLY DUE TO  
ACTIVITY IN THE NE REGION DISCUSSED EARLIER TODAY. AN IMPORTANCE  
ONE FLARE OCCURRED AT 1639Z NEAR N21E70. THERE ARE NO REPORTED  
CHANGES IN THE NE OR SE REGIONS SINCE 1600Z. THERE IS  
EVIDENCE OF AN ADDITIONAL REGION JUST BEYOND NE LIMB.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD DECEMBER 24-26 ARE AS FOLLOWS/FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/15/20

IMPORTANCE THREE OR GREATER 0/1/1

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS 114. PREDICTED VALUES FOR  
THE THREE DAY PERIOD DECEMBER 24-26 ARE 116/119/121.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 11.  
TODAY IT WILL BE ABOUT 4. PREDICTED VALUES FOR THE THREE  
DAY PERIOD DECEMBER 24-26 ARE 7/12/12.

BT