

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 391A ISSUED 1700Z

DECEMBER 27 1966

A. THE PRESENT RELATIVELY LOW LEVEL OF ACTIVITY IS EXPECTED TO CONTINUE THROUGHOUT THE FORECAST PERIOD. THE THREE REGIONS AT N25W52, N21E17 AND S24E16 CONTINUE AS THE MOST IMPORTANT REGIONS NOW VISIBLE. THEY ARE LITTLE CHANGED FROM YESTERDAY AND ARE NOT EXPECTED TO PRODUCE MORE THAN AN OCCASSIONAL IMPORTANCE ONE FLARE. THE REGION ASSOCIATED WITH A LONG-ENDURING SUNSPOT IS DUE TO BEGIN ITS SIXTH DISK PASSAGE LATE ON 30 DECEMBER.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 28-30 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/10/10

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 115. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 28-30 ARE 115/116/117.

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 391B ISSUED 2300Z

DECEMBER 27 1966

A. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE NEXT THREE DAYS. THE SPOT GROUPS NEAR S24E16 ARE ESSENTIALLY UNCHANGED IN AREA BUT THE CONFIGURATION IS NOW LESS COMPLEX. THE SPOT GROUPS AT ABOUT N21E17 AND N25W52 BOTH APPEAR TO BE SMALLER AND LESS COMPLEX. A TINY SPOT GROUP IS NOW VISIBLE AT N14E62.

B. THE PROBABILITIES <sup>for flares</sup> AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 28-30 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/95/95

IMPORTANCE TWO OR GREATER 5/5/5

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS 113. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 28-30 ARE 113-113-115.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 17. TODAY IT WILL BE ABOUT 22. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 28-30 ARE 11-7-7.

BT