

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 395A ISSUED 1700Z

DECEMBER 31 1966.

A. SOLAR ACTIVITY CONTINUES TO INCREASE WITH THE RETURN OF THE H TYPE SPOT AT 5N AND AN INCREASE IN THE AREA OF THE SPOT GROUPS AT HP 27218 (N18E68) AND HP 31872 (S22E2<sup>25</sup>~~1~~). CONTINUED INCREASING SOLAR ACTIVITY IS EXPECTED WITH MAJOR FLARES FROM THE LATTER TWO SPOT REGIONS PROBABLE ON AN EVERY OTHER DAY BASIS AS THESE REGIONS CROSS THE DISK.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JAN 1- JAN 3 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/25/40

IMPORTANCE THREE OR GREATER 3/5/10

PROTON EVENTS 0/3/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 126. PREDICTED VALUES FOR THE THREE DAY PERIOD JAN 1- JAN 3 ARE 130/134/138.

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 <sup>395</sup>AEOTB ISSUED 2300Z  
DECEMBER 31 1966.

A. FOUR SUBFLARES AND TWO IMPORTANCE ONE FLARES AT 1200Z  
AND 1840Z HAVE BEEN REPORTED IN THE REGION AT HP 31872  
(S22 E22). THIS REGION AND THE REGION AT HP 27218  
(N18 E68) CONTINUE AS PROBABLE SOURCES OF MAJOR FLARE  
ACTIVITY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD JAN 1- JAN 3 ARE AS FOLLOWS/FIGURES  
ARE PERCENTAGES FOR EACH OF THE THREE DAYS  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 15/25/40  
IMPORTANCE THREE OR GREATER 3/5/10  
PROTON EVENTS 0/3/5.

C. THE OTTAWA 10.7 CM FLUX TODAY IS 128 AT 1700Z.  
PREDICTED VALUES FOR THE THREE DAY PERIOD JAN 1- JAN 3  
ARE 131/135/140.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 4.  
TODAY IT WILL BE ABOUT 2. PREDICTED VALUES FOR THE THREE  
DAY PERIOD JAN 1- JAN 3 ARE 6/6/3.

BT