

MM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 397A ISSUED 1700Z

JANUARY 2 1965

A. THREE ACTIVE REGIONS AT HP 26007 (N07E60), HP 31972 (S22E04) AND HP 27518 (N18E45) CONTINUE TO BE AREAS OF MAJOR FLARE POTENTIAL. MANY SUBFLARES HAVE BEEN REPORTED FROM EACH REGION DURING THE PAST 18 HOURS. A ONE NORMAL FLARE AT 0753Z WAS REPORTED IN HP 27518. A COMPLEX RADIO BURST ON 5 FREQUENCIES AT 1237Z HAS NOT YET BEEN CONFIRMED BY OPTICAL REPORTS. MAJOR FLARE ACTIVITY IS EXPECTED TO BEGIN WITHIN 18 HOURS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 03-05 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 50/50/50

IMPORTANCE THREE OR GREATER 10/20/20

PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 145. PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 3-5 ARE 150/165/180.

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

BT

PLEASE ACKNOWLEDGE RECEIPT OF THE FORECAST.

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 397B ISSUED 2300Z

JANUARY 02 1967

A. A TWO BRIGHT FLARE WAS REPORTED AT 2133Z IN REGION HP 31972 (S22W05). ACCOMPANING RADIO EFFECTS WERE NOT REPORTED. THIS REGION AS WELL AS REGIONS HP 26006 (N06E51) AND HP 27513 (N18E36) ARE EXPECTED TO PRODUCE MAJOR FLARES DURING THE NEXT SIX TO TEN DAYS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 3-5 ARE AS FOLLOWS/FIGURES

ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 80/80/80

IMPORTANCE THREE OR GREATER 10/20/20

PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS 145. PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 3-5 ARE 152/159/168.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 16. TODAY, IT WILL BE ABOUT 5. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 3-5 ARE 7/3/3.