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DE BOU 1645Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIVARN

SPACE DISTURBANCE FORECAST NUMBER 420A ISSUED AT 1700Z

JANUARY 25 1967

A. THE LONGITUDE OF CM AT 1700Z IS 8 DEGREES. SOLAR ACTIVITY APPEARS TO BE CHANING ONLY SLIGHTLY. AN IMPORTANCE ONE SURGE WAS REPORTED IN PROGRESS AT 1620Z AT NE LIMB INDICATING AN ACTIVE REGION. THERE ARE NO REPORTS OF SIGNIFICANT ACTIVITY OR SIGNIFICANT GROWTH FROM THE REGIONS ALREADY ON THE DISK.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 26-28 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 20/20/20

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 144. THE PREDICTED VALUES FOR JANUARY 26-28 ARE 145/146/148

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 420B ISSUED AT 2300Z

JANUARY 25 1967

A. THE LONGITUDE OF CM AT 2300Z IS 4 DEGREES. SOLAR ACTIVITY AS EVIDENCED BY THE 10 CM FLUX INCREASED SOMEWHAT BETWEEN 1400 AND 1700Z TODAY. RETURNING REGIONS ON JANUARY 26 AND 28 SHOULD CAUSE IT TO INCREASE FURTHER. NO SIGNIFICANT ACTIVITY OR CHANGES IN THE VISIBLE SOLAR REGIONS HAS BEEN REPORTED. POOR WEATHER CONDITIONS AT MANY OBSERVATORIES HAVE RESULTED IN INCOMPLETE KNOWLEDGE OF SOLAR CONDITIONS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 26-28 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 20/20/20

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS 149. THE PREDICTED VALUES FOR JANUARY 26-28 ARE 150/153/160

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 1. TODAY IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR JANUARY 26-28 ARE 8/15/11

BT