

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 412A ISSUED 1700Z

JANUARY 17 1967

A. THE 1700Z CM LONGITUDE IS 113 DEGREES. GENERAL SOLAR ACTIVITY IS EXPECTED TO CONTINUE ITS SLOW DECLINE. REGION 19015 WHICH HAS PRODUCED SEVERAL IMPORTANCE ONE FLARES IS PASSING OVER THE WEST LIMB. THE CLASS D SPOT GROUP IN NORTH-EAST PRESENTLY APPEARS TO BE RELATIVELY INACTIVE. SPOT GROUP 13571 IN THE SOUTH HAS A SIMPLE CONFIGURATION AND APPEARS TO BE STABLE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 18-20 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 118. THE PREDICTED VALUES FOR JANUARY 18-20 ARE 115/112/112

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

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 412B ISSUED 2300Z

JANUARY 17 1967

A. THE 2300Z CM LONGITUDE IS 110 DEGREES. SOLAR ACTIVITY IS EXPECTED TO INCREASE SOMEWHAT DUE TO APPARENT DEVELOPMENT IN THE NORTHEAST AND TO REGIONS EXPECTED TO APPEAR ON EAST LIMB. SPOT GROUP 04517 AT N17 E69 APPEARS VIRTUALLY UNCHANGED OPTICALLY BUT THE REGION HAS INCREASED IN 9.1 CM FLUX EMISSION. THERE IS ALSO A MINOR 9.1 CM SOURCE NEAR THE SOUTHEAST LIMB. CORONAL EVIDENCE INDICATES REGIONS OVER EAST LIMB IN BOTH NORTH AND SOUTH. THE REMAINING VISIBLE REGIONS ARE DECLINING BOTH IN OPTICAL CHARACTERISTICS AND 9.1 CM EMISSION.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 18-20 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS 121. THE PREDICTED VALUES FOR JANUARY 18-20 ARE 120/122/124

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 7. TODAY IT WILL BE ABOUT 2. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 18-20 ARE 7/5/5