

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 411A ISSUED 1700Z

JANUARY 16 1967

A. SOLAR ACTIVITY MAY CHANGE ONLY SLIGHTLY FROM ITS PRESENTLY LOW LEVEL. REGION 19015 IS NEAR NW LIMB AND PRODUCED AN IMPORTANCE ONE FLARE AT 0030Z TODAY. NEW SMALL REGIONS HAVE APPEARED AT BOTH NE AND SE LIMBS AND THEY MAY DEVELOP ENOUGH TO OFFSET NW LIMB LOSSES AND THE SLOW DECLINES OF THE REGIONS NEAR THE CENTRAL MERIDIAN. THE 1700Z CM LONGITUDE IS 126 DEGREES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 17-19 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 25/25/25

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 2/2/2

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 122. THE PREDICTED VALUES FOR JANUARY 17-19 ARE 118/118/118.

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 411B ISSUED 2300Z

JANUARY 16 1967

A. THE 2300Z CM LONGITUDE IS 123 DEGREES. SOLAR ACTIVITY IS LOW AND IT IS NOT EXPECTED TO CHANGE SIGNIFICANTLY. THE REGION VISIBLE TODAY AT N19 E80 CONTAINS A TYPE D SPOT GROUP AND IS ACCCOMPANIED BY MODERATE GREEN CORONA. THE REGION IS NEW THIS ROTATION AND MAY POSSIBLY GROW. A SCATTERED PLAGUE IS SEEN AT SE LIMB WITHOUT A SPOT GROUP. THE LOSS OF A REGION AT NW LIMB TOMORROW SHOULD BE BALANCED BY THE INCREASED RADIO VISIBILITY OF THE EASTERN REGIONS. THE LARGE SPOT GROUP NEAR S CENTRAL MERIDIAN /REGION 13571/ REMAINS INACTIVE AND APPEARS TO BE DECAYING SLOWLY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 17-19 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 5/2/2

PROTON EVENTS 2/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS 124. THE PREDICTED VALUES FOR JANUARY 17-19 ARE 120/120/120

D. THE FRDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 6. TODAY IT WILL BE ABOU 8. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 17-19 ARE 7/11/7