

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 409A ISSUED 1700Z

JANUARY 14 1967

A. THE 1700Z CM LONGITUDE IS 152 DEGREES. SOLAR ACTIVITY IS DECREASING WITH THE PASSAGE OVER THE WEST LIMB OF REGION 23613. REGION 13571 HAS NOT CHANGED FROM YESTERDAY AND IT HAS PRODUCED ONLY SUBFLARES SINCE THEN. HOWEVER THIS REGION IS STILL LARGE AND APPEARS CAPABLE OF MAJOR FLARE ACTIVITY. SPOT GROUP

(should be ~19015)  
17715 IS GROWING IN AREA AND COMPLEXITY AND IS NOW A CLASS D OF 250 MILLIONTHS AREA. THIS GROUP HAS PRODUCED SEVERAL SUBFLARES AND APPEARS CAPABLE OF FURTHER GROWTH. AN IMPORTANCE ONE FLARE OCCURRED YESTERDAY AT S31W79 AT 1818Z. THIS REGION HAS NOW PASSED OVER WEST LIMB.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 15-17 ARE AS FOLLOWS/ FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 50/40/40

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 140.

THE PREDICTED VALUES FOR JANUARY 15-17 ARE 139/137/134.

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

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 409B ISSUED 2300Z

JANUARY 14 1967.

A. THE 2300Z CM LONGITUDE IS 149 DEGREES. FLARE ACTIVITY IS LOW TODAY WITH ONLY ONE IMPORTANCE ONE FLARE REPORTED AT 1743UT FROM REGION <sup>(should be 1906)</sup> 17716 /N16 W35/. THIS REGION SHOULD CONTINUE TO GROW DURING THE NEXT THREE DAYS. MODERATE GREEN CORONA ON THE NORTHEAST LIMB INDICATES THE RETURN OF A SMALL REGION. NO MAJOR REGIONS ARE EXPECTED TO RETURN WITHIN THE NEXT THREE DAYS. THE MAGNETIC STORM WHICH BEGAN YESTERDAY AT 1200Z ENDED TODAY AT 1400Z.

B. THE PROBABILITIES FOR FFLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 15-17 ARE AS FOLLOWS  
FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 50/40/40  
IMPORTANCE THREE OR GREATER 10/10/10  
PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY IS 140.

THE PREDICTED VALUES FOR JANUARY 15-16 ARE 139/137/134.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 24. TODAY IT WILL BE ABOUT 48. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 15-17 ARE 8/4/7.

CORRECTION PARA C LINE TWO JANUARY 15-17

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