

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 404A 1700Z

JANUARY 09 1966

A. MAJOR FLARE ACTIVITY IS LIKELY WITHIN 24 HOURS. REGION  
22022 HAS GROWN INTO A MAJOR REGION WITH A TYPE E SPOT GROUP  
OF OVER 600 MILLIONTHS AREA. THE SPOT UMBRAE ARE LARGE AND  
DARK. THIS LOCATION IS NEAR THE SITE OF MAJOR FLARES IN  
DECEMBER AND SEPTEMBER AND PRODUCED PROTONS IN SEPTEMBER.  
SIGNIFICANT GROWTH HAS ALSO OCCURRED IN REGIONS 23713 AND  
22913.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD JANUARY 10-12 ARE AS FOLLOWS/FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/50/60

IMPORTANCE THREE OR GREATER 20/20/20

PROTON EVENTS 20/20/20

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 150.  
PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 10-12 ARE  
150/155/158.

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 404B 2300Z

JANUARY 09 1967

A. THE PROBABILITY FOR MAJOR FLARE ACTIVITY HAS DECREASED  
SOMEWHAT DUE TO MORE COMPLETE INFORMATION OF SOLAR REGIONS.  
SPOT GROUP 22022 STILL APPEARS TO BE INCREASING IN AREA HOWEVER  
IT IS NOW KNOWN TO BE OF SIMPLE BETA MAGNETIC CLASS. SPOT  
GROUPS 23713 CMMA 22916 AND 26468 ARE ALSO BETA CLASS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD JANUARY 10-12 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/40/30

IMPORTANCE THREE OR GREATER 15/15/10

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 150.

THE PREDICTED VALUES FOR JANUARY 10-12 ARE 150/148/146

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 40.

TODAY IT WILL BE ABOUT 11. THE PREDICTED VALUES FOR THE THREE  
DAY PERIOD JANUARY 10-12 ARE 12/12/9.

BT