

RR DAA

DE BOU 291725Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 424A ISSUED AT 1700Z

JANUARY 29 1967.

A. THE CM LONGITUDE AT 1700Z IS 314 S3&433.

A TWO <sup>NORMAL</sup> BRIGHT FLARE WAS REPORTED FROM THE REGION ~~HP~~31873/S23E06  
IN PROGRESS AT 1635Z. THERE IS A STRONG PROBABILITY OF A REPEAT  
TODAY OF YESTERDAYS PROTON EVENTS FROM THIS FLARE. PRIOR TO THIS  
REPORT THERE WERE ONLY SUBFLARES REPORTED SINCE THE 28/0753Z FLARE  
IN THE SAME REGION. THERE ARE NOW THREE REGIONS ON THE DISK WHICH  
ARE CAPABLE OF PRODUCING MAJOR FLARES. THESE ARE HP31873 :.-  
HP01020 :.- -,\$ #028620.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD JANUARY 30-FEB 1 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS-  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 45/50/60  
IMPORTANCE THREE OR GREATER 5/5/5  
PROTON EVENTS 15/15/25

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 163. THE  
PREDICTED VALUES FOR JANUARY 30- FEB 1 ARE 173/ 180/185.

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

BT

CORRECTION THE LAST LINE OR OF PART A SHOULD READ  
THESE ARE HP 31873 HP01020 HP28620

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 424B ISSUED AT 2300Z  
JANUARY 29 1967.

~~ADVBO ALBEL FLARES SON HEMISPHERE~~

A. THE CM LONGITUDE AT 2300Z IS 310 DEGREES.

AT 29/2200Z ANCHORAGE SENSORS DID NOT REPEAT DID NOT  
INDICATE THE 29/1615Z FLARE TO BE A PROTON EVENT. THE HIGH  
LEVEL OF SOLAR ACTIVITY OVER THE LAST 30 HOURS AND THE EX-  
PECTED RETURN OF ACTIVE REGIONS ON JANUARY 30-31 IN-  
DICATE A HIGH PROBABILITY FOR MAJOR FLARE ACTIVITY DURING THE  
NEXT SEVERAL DAYS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD JANUARY 30-FEB 1 ARE AS FOLLOWS/FIGURES  
ARE PERCENTAGES FOR EACH OF THE THREE DAYS-

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 45/50/60

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 15/15/25

C. THE OTTAWA 10.7 :. I)UX TODAY IS 161. THE PREDICTED VALUES  
FOR JANUARY 30-FEB 1 ARE 173/180/185.

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 12.  
TODAY IT WILL BE ABOUT 8. THE PREDECTED VALUES FOR JANUARY 30-  
FEB 1 ARE 25/14/7.

BT