

SPACE DISTURBANCE FORECAST NUMBER 410A ISSUED 1700Z

JANUARY 15 1967

A. FLARE ACTIVITY HAS INCREASED SINCE YESTERDAY WITH THE DEVELOPMENT  
OF A RETURNING REGION AT THE NORTHEAST LIMB. A SPOT GROUP IS NOT  
YET VISIBLE BUT THE REGION PRODUCED AN IMPORTANCE ONE FLARE AT  
N29E77 AT 1639Z YESTERDAY. REGION 22521 PRODUCED AN IMPORTANCE  
TWO FLARE YESTERDAY AT 2314Z. IT WILL PASS OFF WEST LIMB LATER  
TODAY. SPOT GROUP 19015 <sup>has</sup> ~~#~~ NOT GROWN SINCE YESTERDAY BUT IT PRO-  
DUCED AN IMPORTANCE ONE FLARE AT 0906Z TODAY. REGION 13273 #AS  
GROWN TO AN AREA OF 570 .8

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IT HAS PRODUCED ONLY SUBFLARES SINCE 13 JAN.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY  
PERIOD JANUARY 16-18 ARE AS FOLLOWS/FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 40/40/40  
IMPORTANCE THREE OR GREATER 5/5/5  
PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 :. INDEX TODAY IS EXPECTED TO BE ABOUT 129.  
THE PREDICTED VALUES FOR JANUARY 16-18 -43 125/123/123.

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

BT CORRECTION AFTER 570. SHOULD BE MILLION THE BUT ITS  
STRUCTURE IS SIMPLE AND IT HAS PRODUCED ONLY SUBFLARES SINCE  
13 JAN

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 410B ISSUED 2300Z

JANUARY 15 1967

- A. THE 2300Z CM LONGITUDE IS 136 DEGREES. IMPORTANCE HAS CHANGED LITTLE FROM THIS MORNING. AN IMPORTANCE ONE FLARE OCCURRED IN REGION 19015/N15W51 AT 1045Z. THIS REGION SHOULD CONTINUE TO PRODUCE ABOUT ONE IMPORTANCE ONE FLARE PER DAY DURING THE NEXT THREE DAYS. A SPOT GROUP IS NOW VISIBLE NEAR THE LOCATION OF THE IMPORTANCE ONE FLARE YESTERDAY AT 1639Z. THIS SPOT GROUP NOW AT N25E67 IS OF ZURICH CLASS A WITH A VERY SMALL AREA.
- B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 16-18 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 40/40/40  
IMPORTANCE THREE OR GREATER 5/5/5  
PROTON EVENTS 5/5/5
- C. THE OTTAWA 10.7CM FLUX IS 131 59\$-6. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 16-18 ARE 127/125/125.
- D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 39. TODAY IT WILL BE ABOUT 5. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 16-18 ARE 4/7/7.

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