

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 427A ISSUED AT 1700Z  
FEBRUARY 01 1967

A. CM LONGITUDE AT 1700Z IS 275 DEGREES. NO APPRECIABLE  
CHANGE IN SOLAR ACTIVITY IS EXPECTED DURING THE NEXT FEW  
DAYS. 10 CM FLUX HAS DECLINED SOMEWHAT WITH THE PASSAGE  
OF REGION 01020 OVER WEST LIMB. THIS REGION PRODUCED  
IMPORTANCE TWO LOOP-TYPE PROMINENCES TODAY ON THE NORTH-  
WEST LIMB. SPOT GROUP 19514 HAS RETURNED AND IS NOW AT  
N14E80. IT IS CLASS H WITH AREA ABOUT 300 MILLIONTHS  
HOWEVER IT IS TOO NEAR THE LIMB TO BE ACCURATELY MEASURED.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD FEBRUARY 02-04 ARE AS FOLLOWS/FIGURES  
ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 30/30/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 156.

PREDICTED VALUES FOR THE THREE DAY PERIOD FEBRUARY 02-04  
ARE 154/154/154.

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 427B ISSUED AT 2300Z

FEBRUARY 1 1967

A. THE LONGITUDE OF CM AT 2300Z IS 272 DEGREES. NO APPRECIABLE CHANGE IS EXPECTED IN SOLAR ACTIVITY DURING THE NEXT THREE DAYS. NO FLARES HAVE BEEN REPORTED TODAY AND NO MAJOR FLARES ARE EXPECTED FROM REGIONS NOW VISIBLE. THE SPOT GROUP IN REGION 19514 IS CLEARLY SEEN AS A SIMPLE STRUCTURED TYPE H WITH ONLY A MINOR PLAGE. THE RADIO FLUX FROM THIS REGION IS EXPECTED TO JUST BALANCE THE FLUX FROM REGIONS DISAPPEARING AT NW LIMB. MINOR SUNSPOT GROWTH IS OCCURRING IN SMALL SPOT GROUPS 25070 AND 22028. THE LATTER REGION CONTAINS A BRIGHT PLAGE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 2-4 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS 161. THE PREDICTED VALUES FOR FEBRUARY 2-4 ARE 156/156/156

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 2. TODAY IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR FEBRUARY 2-4 ARE 4/4/12

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