

ROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 415A ISSUED AT 1700Z

JANUARY 20 1967

A. THE CM LONGITUDE AT 1700Z IS 74 DEGREES. SOLAR ACTIVITY IS INCREASING DUE TO DEVELOPING REGIONS IN THE NORTHEAST AND NORTHCENTRAL. THE SPOT GROUP AT N10 E06 /06510/ IS SMALL BUT GROWING. SOME ADDITIONAL SPOTS HAVE BEEN REPORTED IN REGION 01019

^{NAE64}
/N1964/ AND THIS REGION PRODUCED AN IMPORTANCE ONE BRIGHT FLARE AT 1520Z TODAY. THE FLARE WAS ACCOMPANIED BY MINOR RADIO EMISSION AND X-RAYS OBSERVED BY SATELLITE. ACTIVE REGIONS ARE DUE TO RETURN TO EAST LIMB IN BOTH THE NORTH AND SOUTH LATE JANUARY 22.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 21-23 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/20/20

IMPORTANCE THREE OR GREATER 1/2/2

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 132. THE PREDICTED VALUES FOR JANUARY 21-23 ARE 136/140/145.

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

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FROM SPACE DISTURBANCE OFRECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 415B ISSUED AT 2300Z

JANUARY 20 1967

A. THE /CM LONGITUDE AT 2300Z IS 70 DEGREES. SOLAR ACTIVITY CONTINUES TO INCREASE. THE REGION CONTAINING SPOT GROUP 01019 PRODUCED AN IMPORTANCE ONE FLARE AT 1520Z AS WELL AS NUMEROUS SUBFLARES. FLARES IN THIS REGION APPEAR TO BE RICH IN BOTH X-RAY AND RADIO EMISSION. IF THIS REGION CONTINUES TO DEVELOP IT WILL BE A POTENTIAL PRODUCER OF MAJOR FLARES. SPOT GROUP 07012 AT N12 E02 CONTINUES TO GROW SLOWLY BUT HAS PRODUCED NO FLARES LARGER THAN SUBFLARE TODAY. THE REMAINING REGIONS SHOW LITTLE CHANGE

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 21-23 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/20/30

IMPORTANCE THREE OR GREATER 2/5/5

PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS 129. THE PREDICTED VALUES FOR JANUARY 21-23 ARE 134/138/145

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 2. TODAY IT WILL BE ABOUT 9. THE PREDICTED VALUES FOR JANUARY 21-23 ARE 11/15/15

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