

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 434A ISSUED AT 1700Z

FEBRUARY 8 1967

A. SOLAR ACTIVITY IS BEGINNING TO DECREASE ALTHOUGH MAJOR FLARES MAY STILL OCCUR WITHIN THE DECLINING REGIONS OF THE NORTHERN HEMISPHERE. NUMEROUS SUBFLARES FROM THE REGION AT N20 E09 MARK IT AS THE MOST ACTIVE AREA ON THE DISK. ALL VISIBLE REGIONS APPEAR TO BE STABLE OR DECLINING BOTH IN SUNSPOT AREA AND 9.1 CM RADIO EMISSION. A NEW SPOT GROUP IS NOW VISIBLE AT N15 E LIMB ASSOCIATED WITH BRIGHT FACULAE. IT IS TOO NEAR THE LIMB TO BE ACCURATELY MEASURED. AS YET NO FLARES HAVE BEEN REPORTED FROM THIS REGION. CM LONGITUDE AT 1700Z IS 183 DEGREES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 9-11 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/30/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 153. THE PREDICTED VALUES FOR FEBRUARY 9-11 ARE 152/150/150

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

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SPACE DISTURBANCE FORECAST NUMBER 434B ISSUED AT 2300Z

FEBRUARY 8 1967

A. SOLAR ACTIVITY IS DECLINING WITH ONLY SUBFLARES OCCURRING TODAY. THE REGIONS WHICH WERE SUSPECTED OF MAJOR FLARE POTENTIAL ARE NOW SHOWING SIGNS OF DECAY. THE REGIONS AT N20 E57 AND N16 E84 ARE MARKED BY BRIGHT FACULAE AND THEY MAY YET DEVELOP. A SERIER OF RETURNING REGIONS AT NE LIMB DURING THE COMING WEEK MAY OFFSET THE DECAY OF REGIONS NOW VISIBLE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 9-11 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 2/2/2

C. THE OTTAWA 10.7 CM FLUX TODAY IS 152. THE PREDICTED VALUES FOR FEBRUARY 9-11 ARE 150/150/150

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 17. TODAY IT WILL BE ABOUT 17. THE PREDICTED VALUES FOR FEBRUARY 9-11 ARE 12/7/5

BT