

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 429Z ISSUED AT 1700Z

FEBRUARY 3 1967

A. THE LONGITUDE OF CM AT 1700 IS 250 DEGREES. SOLAR ACTIVITY CONTINUES TO DECLINE WITH ONLY OCCASSIONAL SMALL FLARES OCCURRING MAINLY IN THE REGION AT N14 E52. AN IMPORTANCE TWO FLARE REPORTED NEAR HER AT 0305Z HAS BEEN EVALUATED AS AN IMPORTANCE ONE. IT WAS ACCOMPANIED BY A FULL FREQUENCY RANGE TYPE IV RADIO BURST AND SMALL IONOSPHERIC EFFECTS. ALL REGIONS PRESENTLY VISIBLE APPEAR STABLE OR DECLINING AND NONE ARE LARGE OR COMPLEX. A REGION IS EXPECTED TO RETURN AT SE LIMB ON FEBRUARY 5 AND A LARGE INACTIVE REGION WILL PASS OVER SW LIMB ON THE SAME DATE.

V13 EST

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 4-6 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 20/20/20
IMPORTANCE THREE OR GREATER 3/3/3
PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 142. THE PREDICTED VALUES FOR FEBRUARY 4-6 ARE 140/138/136

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 429B ISSUED AT 2300Z

ON FEBRUARY 3 1967

A. THE CM LONGITUDE AT 2300Z IS 246 DEGREES. SOLAR ACTIVITY CONTINUES A GRADUAL DECLINE AND NO ADDITIONAL FLARES HAVE BEEN REPORTED SINCE 1700Z. BRIGHT SURGES HAVE BEEN OBSERVED ON EAST LIMB IN BOTH THE NORTH AND SOUTH POSSIBLY INDICATING THE PRESENCE OF NEW REGIONS OVER THE LIMB. NO ADDITIONAL INFORMATION HAS BEEN RECEIVED TO INDICATE THE ACTIVITY OF THESE REGIONS. THE SOUTHEAST LIMB SURGES ARE AT THE SAME LATITUDE BUT PRECEDE AN EXPECTED RETURNING REGION BY ABOUT 20 DEGREES LONGITUDE. AL VISIBLE DISK REGIONS APPEAR TO BE STABLE OR DECLINING.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 4-6 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 20/20/20
IMPORTANCE THREE OR GREATER 2/2/2
PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY IS 143. THE PREDICTED VALUES FOR FEBRUARY 4-6 ARE 140/138/138

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 2. TODAY IT WILL BE ABOUT 1. THE PREDICTED VALUES FOR FEBRUARY 4-6 ARE 12/10/7

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