

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 435A ISSUED AT 1700Z

FEBRUARY 9 1967

A. SOLAR CONDITIONS APPEAR TO BE VIRTUALLY UNCHANGED SINCE LATE YESTERDAY. ONLY SUBFLARES HAS BEEN REPORTED SO FAR TODAY ALL FROM THE REGIONS NEAR N13 W20. AN IMPORTANCE ONE NORMAL FLARE OCCURRED IN THE DECLINING FACULAE REGION NEAR N20 W65, <sup>AT</sup> ~~2234Z~~ YESTERDAY. A PREVIOUSLY REPORTED SUBFLARE AT 0430Z YESTERDAY LOCATED ABOUT N20 E20 HAS ALSO BEEN REPORTED AS IMPORTANCE TWO NORMAL.

ANCHORAGE REPORTED A POSSIBLE PROTON EVENT COMMENCING AT 2250Z YESTERDAY. THIS EVENT APPARENTLY LASTED ONLY ABOUT FOUR HOURS AND IS BELIEVED TO HAVE BEEN DUE TO RELATIVISTIC ELECTRONS. CM LONGITUDE AT 1700Z IS 170 DEGREES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 10-12 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 ESTIMATED TO BE

150. THE PREDICTED VALUES FOR FEBRUARY 10-12 ARE 150/150/150

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

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

ADVBO

SPACE DISTURBANCE FORECAST NUMBER 435B ISSUED AT 2300Z ALFIN SOFLARE

FEBRUARY 9 1967

FLARES EXPECTED

A. SOLAR ACTIVITY IS LITTLE CHANGED WITH ONLY SUFBLARES TODAY. SOME NEW SPOT GROWTH HAS OCCURRED IN SPOT GROUPS AT N13 W23 AND N18 W01 INDICATING THAT SOME ADDITIONAL SMALL ACTIVITY IS LIKELY AT THESE LOCATIONS. ALL OTHER REGIONS ARE SMALL AND DECLINING. A SMALL REGION IS DUE TO RETURN AT NE LIMB TOMORROW AND A SERIES OF ACTIVE CENTERS ARE DUE TO BEGIN RETURNING ON 12 FEBRUARY . CM LONGITUDE AT 2300Z IS 166 DEGREES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 10-12 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

PRTON EVENTS 2/2/2

C. THE OTTAWA 10.7 CM FLUX TODAY IS 150. THE PREDICTED VALUES FOR FEBRUARY 10-12 ARE 151/153/155

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 28. TODAY IT WILL BE ABOUT 6. THE PREDICTED VALUES FOR FEBRUARY 10-12 ARE 5/5/3

BT