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DE BOU 041825Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

BIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 430A ISSUED AT 1700Z

FEBRUARY ⁴ 1967

A. SOLAR ACTIVITY MAY INCREASE SLIGHTLY DURING THE FORECAST PERIOD.

A REGION HAS APPEARED AT S24E80 WHICH APPEARS LIKELY TO GROW. IT

HAS A BRIGHT COMPACT PLAGE AND MODERATELY LARGE TYPE C SPOT GROUP.

A LARGE BRIGHT IMPORTANCE ONE FLARE OCCURRED AT 1648Z NEAR THE

LARGE H-TYPE SPOT AT N14E40. IT WAS ACCOMPANIED BY MODERATELY STRONG

TYPE 4 RADIO EMISSION AND STRONG SHORT WAVE FADE AND SPA. THE FLARE

DID NOT COVER SUNSPOT UMBRAE. NO PARTICLES ARE EXPECTED. ADDI-

TIONAL SMALL FLARES ARE LIKELY HERE AND IN REGIONS AT S24E80

N27E20 AND N19E66. THE LAST TWO HAVE VERY SMALL SPOT GROUPS. AN

ADDITIONAL ACTIVE REGION IS EXPECTED TO RETURN TO SE LIMB LATE

TOMORROW.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE

DAY PERIOD FEBRUARY 5-7 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 10/10/10

PROTON EVENTS 15/15/15

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 142. THE PREDICTED

VALUES FOR FEBRUARY 5-7 ARE 144/146/148.

D. THE FREDERICKSBURG MAGNETIC A INDEX INFORMATION WILL BE

INCLUDED ON THE 2300Z FORECAST.

BT

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RR DAA

DE BOU 042305Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 430B ESSUEISSUED AT 2300Z

ON FEBRUARY 4 1967.

A. NO SIGNIFICANT CHANGE IN SOLAR ACTIVITY HAS OCCURRED SINCE 1700Z TODAY. A GRADUAL INCREASE IN SOLAR ACTIVITY IS EXPECTED DUE PRIMARELY TO DEVELOPMENT OF A REGION NOW AT S24E78. IMPORTANCE ONE FLARE ARE EXPECTED TO CONTRINUE IN ASSOCIATION WITH THE H-TYPE SPOT AT N14E38. SOLAR PARAMETERS NOW VISIBLE ARE NOT ORDINARILY ASSOCIATED WITH MAJOR FLARES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THW THREE DAY PERIOD FEBRUARY 5-7 ARE AS FOLOWS/FIGURES ARE FPERCENTAGES FOR EACH OF THE THREE DAYS-

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GEEATER 30/30/30

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 15/15/15

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 142. THE PREDICTED VALUES FOR FEBRUARY 5-7 ARE 144/146/148.

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 2. TODAY IT WILL BE ABOUT 5. THE PREDICTED VALUES FOR FEBRUARY 5-7 ARE 12/12/5.

BT