

RR DAA

DE BOU 051700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 431A ISSUED AT 1700Z

FEBRUARY 5 1967.

A. SOLAR RADIO FLUX HAS RISEN SHARPLY SINCE 2000Z YESTERDAY WITH ONLY A SLIGHT INCREASE IN OPTICAL CHARACTERISTICS. THE PLAGE NEAR S15E07 WAS OBSERVED AT NEAR FLARE BRIGHTNESS AT ABOUT THE TIME OF OTTAWAS 1400Z READING AND THE PLAGE HAD FADED SOME BY 1615Z. SOLAR ACTIVITY MAY INCREASE SLOWLY AS ADDITIONAL REGIONS APPEAR AT EAST LIMB. A REGION OF SMALL SURGES IS PRESENT NOW AT N17EAST LIMB AND AN ADDITIONAL REGION IS DUE TO APPEAR LATE TODAY AT SE LIMB. THE REGION AT S24E67 CONTINUES BRIGHT AND COMPACT BUT ITS SPOT GROUP REMAINS SIMILAR TO YESTERDAY AT A MODERATE SIZED TYPE C. NO SIGNIFICANT CHANGES HAVE OCCURRED IN THE REMAINING VISIBLE REGIONS AND THE POTENTIAL FOR MAJOR FLARES APPEARS LOW.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 6-8 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 5/5/5

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 150. THE PREDICTED VALUES FOR FEBRUARY 6-8 ARE 153/156/159.

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

BT

RR DAA

DE BOU 052300Z

THIS IS THE MESSAGE FOR REFILE ADVBO ALNIL  
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 431B ISSUED AT 2300Z  
FEBRUARY 5 1967.

A. SOLAR ACTIVITY IS INCREASING. FILAMENT ACTIVATION AND PLAGE  
STRUCTURES NEAR THE H-TYPE SPOT AT N13E25 AT 2200Z INDICATE THAT  
ANOTHER FLARE MAY BE EMMINENT HERE. THE FLARE IN THIS REGION REPORTED  
YESTERDAY AT 1648Z HAS BEEN MEASURED BY SACRAMENTO PEAK AS IMPOR-  
TANCE TWO BRIGHT AND STARTING AT 1642Z. THE PLAGE ASSOCIATED WITH A  
J-TYPE SPOT AT S15E06 CONTINUES BRIGHT AND MINOR ACTIVITY CONTIN-  
UES AT N17EAST LIMB. THE PRINCIPAL SOURCE OF INCREASED ACTIVITY WILL  
PROBABLY BE FROM THIS NE LIMB REGION.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD FEBRUARY 6-8 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR  
EACH OF THE THREE DAYS-

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 25/25/25

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY IS 154. THE PREDICTED VALUES  
FOR FEBRUARY 6-8 ARE 156/158/160.

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 12. TODAY  
IT WILL BE ABOUT 15. THE PREDICTED VALUES FOR FEBRUARY 6-8 ARE  
12/5/5.

BT