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DE BOU 181730ZZ  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 444A ISSUED AT 1700Z  
FEBRUARY 18 1967.

A. OVERALL SOLAR ACTIVITY CONTINUES AT A RELATIVELY LOW LEVEL.  
AN IMPORTANCE TWO NORMAL FLARE REPORTEDLY OCCURRED AT ABOUT  
1038Z TODAY AT N23 E54. NO CONFIRMING REPORTS OF THE FLARE BY  
EITHER DIRECT /90PTICAL/ OR INDIRECT /RADIO EMISSION OR  
IONOSPHERIC IFFECTS/ HAVE BEEN RECEIVED. THE VISIBLE SOLAR  
REGIONS APPEAR TO BE ESSENTIALLY UNCHANGED. ONLY LIMITED DATA  
IS AVAILABLE DUE TO WEATHER CONTDITIONS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD FEBRUARY 19-21 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 10/10/10  
IMPORTANCE THREE OR GREATER 1/1/1  
PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 123.  
THE PREDICTED VALUES FOR FEBRUARY 19-20 ARE 126/128/130M

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

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RR DAA  
DE BOU 182300Z  
THIS IS THE MESSAGE FOR REFILE      ADVBO ALNIL

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN  
SPACE DISTURBANCE FORECAST NUMBER 444B ISSUED AT 2300Z  
FEBRUARY 18 1967.

A. SOLAR ACTIVITY CONTINUES AT A RELATIVELY LOW LEVEL. NO SIGNIFICANT CHANGES HAVE OCCURRED IN ANY OF THE VISIBLE REGIONS AND NO ADDITIONAL FLARES HAVE BEEN REPORTED SINCE THE IMPORTANCE TWO AT 1038Z TODAY. THE ACTIVE CENTERS IN THE NORTHEAST QUADRANT HAVE PRODUCED FLARES OF AT LEAST IMPORTANCE ONE ON EACH OF THE LAST THREE DAYS. CONTINUED PRODUCTION OF FLARES OF IMPORTANCE ONE AND POSSIBLY TWO MAY BE EXPECTED. FLARES LARGER THAN IMPORTANCE TWO ARE UNLIKELY. A WEAK SOURCE OF 9.1 CM RADIO EMISSION AT SE LIMB MAY BE ASSOCIATED WITH THE RETURNING REGION EXPECTED NEAR THERE TOMORROW.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 19-21 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 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS 127. THE PREDICTED VALUES FOR FEBRUARY 19-21 ARE 128/130/132.

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 12. TODAY IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR FEBRUARY 19-21 ARE 3/3/6.

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