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PP KGFF

DE BOU 1950500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 589C ISSUED AT 0500Z

JULY 14, 1967.

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

BT

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PP KGFF

DE BOU 141100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 589D ISSUED AT 1100Z

JULY 14 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 590A ISSUED AT 1700Z  
JULY 14 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

A. NO FLARE LARGER THAN SUBFLARES HAVE BEEN REPORTED.

SEVERAL OF THE VISIBLE SPOT GROUPS HAVE INCREASED IN  
BOTH AREA AND COMPLEXITY SINCE YESTERDAY. THESE INCREASES  
HAVE BEEN REFLECTED BY A SUBSTANTIALLY ENHANCED 10 CM RADIO  
NOISE FLUX AT 1400Z TODAY.

B. FLARE ACTIVITY SHOULD INCREASE IF REGIONS ON THE DISK  
CONTINUE THEIR PRESENT RATE OF DEVELOPMENT.

A MODERATELY ACTIVE REGION IS EXPECTED TO RETURN TO THE  
NORTHEAST LIMB JULY 15-16.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD JULY 15-17 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/95/100

IMPORTANCE TWO OR GREATER 5/10/15

IMPORTANCE THREE OR GREATER 1/1/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 120.

THE PREDICTED VALUES FOR JULY 15-17 ARE 125/130/133.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 590B ISSUED AT 2300Z  
JULY 14 1967.

NO SIGNIFICANT FLARE ACTIVITY IS EXPECTED DURING THE NEXT  
12 HOURS

A. NO FLARE ACTIVITY HAS BEEN REPORTED SINCE SDF 590A.  
CONTINUED GROWTH HAS BEEN OBSERVED IN THE REGIONS AT N25  
W65 AND S19 E32. MINOR PROMINENCE ACTIVITY HAS BEEN  
OBSERVED ON THE NE LIMB.

B. MAJOR FLARES ARE NOT EXPECTED. THEY SHOULD BECOME  
INCREASINGLY LIKELY WITH CONTINUED DEVELOPMENT IN THE  
PRESENTLY VISIBLE REGIONS AS WELL AS RETURNING REGIONS  
DURING THE NEXT TWO DAYS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD JULY 15-17 ARE AS FOLLOWS /FIGURES ARE

PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/95/100

IMPORTANCE TWO OR GREATER 5/10/15

IMPORTANCE THREE OR GREATER 1/2/3

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 121. THE PREDICTED  
VALUES FOR JULY 15-17 ARE 125/130/133.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 8.  
TODAY IT WILL BE ABOUT 10. THE PREDICTED AP RANGES FOR  
JULY 15-17 ARE ALL UNDER 10.

BT