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PP KGFF

DE BOU 190500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 625C ISSUED 0500Z AUG 19 1967

MAJOR FLARES EXPECTED DURING THE NEXT 12 HOURS.

AN IMPORTANCE TWO FLARE OCCURRED AT 19/0001Z AT N15 E80. IT WAS
ACCOMPANIED BY A STRONG RADIO BURST AND MODERATE IONOSPHERIC
EFFECTS.

BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER

AUG 19 11 00.67

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DE BOU 191100Z

HERE IS THE MESSAGE FOR REFILE

SDF NUMBER 625D ISSUED AT 1100Z 19 AUG 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

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SDF NUMBER 626A ISSUED 1700Z

FORECASTS FOR AUG 19 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HRS

A. BRIGHT IMPORTANCE TWO FLARES WERE REPORTED FROM THE NORTHEAST LIMB REGION BEGINNING BEFORE 19/0001Z AND BEFORE 19/0530Z. THE FIRST OF THESE WAS CALLED IMPORTANCE ONE BY ANOTHER OBSERVATORY. ADDITIONAL IMPORTANCE ONE FLARES OCCURRED THERE AT 0728 AND 1548Z. FACULAE AT THE NORTHEAST LIMB COVERS A VERY BROAD LATITUDE RANGE EXTEND ABOUT N05-35 AND AT LEAST THREE SPOT GROUPS ARE VISIBLE THERE. ALTHOUGH IT IS TOO NEAR THE LIMB TO BE ACCURATELY JUDGED THE LARGEST SPOT GROUP AT N22 E80 IS RATED AS CLASS/AREA E/320. CONTINUED LIMB PROMINENCE ACTIVITY AND THE APPEARANCE OF THE PLAGE AND SPOTS SUGGESTS THAT MORE OF THE REGION IS STILL BEYOND THE LIMB. THE REGION NEAR N09 W"6 HAS NOT PRODUCED SIGNIFICANT ACTIVITY TODAY BUT THE PLAGE CONTINUES BRIGHT WITH CONSIDERABLE FINE STRUCTURE AND THE SPOT IS MODERATELY LARGE AND COMPLEX.

B. MAJOR FLARES ARE EXPECTED FROM THE NORTHEAST LIMB AND ARE POSSIBLE FROM THE N09 W36 REGION. THE NORTHEAST LIMB REGION HAS THE APPEARANCE OF A PROTON PRODUCING REGION BUT EVALUATION WILL IMPROVE WHEN IT ROTATES MORE FULLY INTO VIEW.

FORECASTS FOR AUG 20-22

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 80/80/80
IMPORTANCE THREE OR GREATER 15/20/20
PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 166. PREDICTED 174/180/182

BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER

AUG 19 22 46-07

NNNNUUUV

PP KGFF

DE BOU 192300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 626B ISSUED 2300Z AUG 19 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. NO ADDITIONAL SIGNIFICANT FLARE ACTIVITY HAS BEEN REPORTED SINCE SDF626A. SOLAR REGIONS ARE ESSENTIALLY UNCHANGED FROM THE DESCRIPTIONS IN SDF626A. VISUAL OBSERVATIONS ARE LIMITED BY WEATHER CONDITIONS AT SEVERAL OBSERVATORIES.

B. MAJOR FLARES ARE EXPECTED FROM THE REGION NEAR-NORTHEAST LIMB AND ARE POSSIBLE FROM THE N09W40 REGION.

FORECAST FOR AUG 20-22

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 80/80/80

IMPORTANCE THREE OR GREATER 15/20/20

PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUX TODAY 166. PREDICTED 174/180/182.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 14. TODAY ABOUT 10.
PREDICTED AP 8-12/8-12/8-12.

BT