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DE BOU 200500Z

ESSA/SPACE DISTURBANCE
FORECAST CENTER

AUG 20 04 44-87

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 626C ISSUED 2300Z AUG 20 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

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PP KGFF

DE BOU 201100Z

HERE IS THE MESSAGE FOR REFILE

SDF NUMBER 626D ISSUED 1100Z 20 AUG 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

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AUG 20 11 06:20
ESSA/SPACE DISTURBANCE
FORECAST CENTER

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PP KGFF

DE BOU 202300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 627A ISSUED 1700Z AUGUST 20, 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. ONLY TWO IMPORTANCE ONE FLARES HAVE BEEN REPORTED TODAY AT N25 E77 AND N21 E83 AT 0035Z AND 0929E RESPECTFULLY. THESE FLARES WERE ASSOCIATED WITH THE LARGE NORTHEAST COMPLEX WHICH CONTAINS TWO LARGE BRIGHT PLAGES AT N26 E70 AND N13 E72. THERE ARE AT LEAST THREE SPOT GROUPS IN THIS AREA. THE STRUCTURE OF THE SPOT GROUPS APPEARS COMPLEX BUT MAGNETIC MEASUREMENTS ARE NOT YET POSSIBLE. THE LARGEST SPOT GROUP AT N24 369 HAS A CLASS AREA OF E/570. THE REGIONS AT N09 W44 IS UNCHANGED SINCE YESTERDAY AND IT HAS NOT PRODUCED ANY ACTIVITY. ALL OTHER REGIONS REMAIN INACTIVE. POOR OBSERVING CONDITONS PREVAIL AT SEVERAL OBSERVATORIES.

B. MAJOR FLARES ARE EXPECTED FROM THE NORTHEAST REGION AND ARE POSSIBLE FROM THE REGION AT N09 W44. THE PROBABILITIES OF A PROTON EVENT HAVE INCREASED DUE TO THE COMPLEX APPEARANCE OF THE NORTHEAST REGION.

FORECASTS FOR AUGUST 21-23

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 80/80/80
IMPORTANCE THREE OR GREATER 25/25/25
PROTON EVENTS 25/25/25

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 172 PREDICTED 178/182/184

BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER
AUG 20 22 5 3 47

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DE BOU 202300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 627B ISSUED 2300Z AUG 20 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. IMPORTANCE ONE FLARES HAVE BEEN REPORTED AT 1312Z, 1611Z AND 2032Z FROM THE SPOT GROUP AT N22E66. THIS IS THE LARGEST AND MOST COMPLEX SPOT GROUP NOW VISIBLE WITH CLASS/AREA D/770. EIGHT SPOT GROUPS HAVE BEEN REPORTED IN THE NORTHEAST REGION. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED IN ANY OF THE OTHER VISIBLE REGIONS.

B. MAJOR FLARES ARE EXPECTED FROM THE NORTHEAST REGION AND WILL MOST LIKELY OCCUR NEAR THE SPOT GROUP AT N22E66.

FORECASTS FOR AUG 21-23

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

IMPORTANCE THREE OR GREATER 25/25/25

PROTON EVENTS 25/25/25

D. OTTAWA 10.7 CM FLUX TODAY 169. PREDICTED 175/179/181.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 10. TODAY ABOUT 10.

PREDICTED AP 8-12/8-12/8-12.

BT