

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 28 04 48

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PP KGFF

DE BOU 280500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 696C ISSUED 0500Z OCT 28 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

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ESSA/SPACE DISTURBANCE
FORECAST CENTER
OCT 28 11 01 AM

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DE BOU 281100Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 696D ISSUED 1100Z OCTOBER 28 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

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PP KGFF

DE BOU 28/1705Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 697A ISSUED AT 1700Z OCT 28 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. A FLARE AT S26 E43 OBSERVED AT 1400Z AND CLASSED AS
IMPORTANCE ONE FAINT INCREASED IN AREA BY 1500Z, SO
THAT IT IS NOW CLASSED AS IMPORTANCE TWO FAINT. AN
IMPORTANCE ONE NORMAL OCCURRED AT S20 E85 AT 1200Z.
THE NW REGION IS ONLY PRODUCING SUBFLARES. THE WEAK
MAGNETIC STORM IS CONTINUING.

B. BOTH THE NW AND THE SE AREAS COULD PRODUCE MAJOR
FLARES.

FORECASTS FOR OCT 29-31

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 60/60/40
IMPORTANCE THREE OR GREATER 25/25/15
PROTON EVENTS 15/15/10

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED TO BE 165. PREDICTED
168/165/162

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PP KGFF

DE BOU 282300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 697B ISSUED 2300Z OCT 28 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. THE NW REGION HAS CONTINUED TO PRODUCE FLARES BUT THEY HAVE BEEN OF IMPORTANCE ONE OR LESS AND HAVE NOT BEEN ACCOMPANIED BY IONOSPHERIC EFFECTS OR EXTENSIVE RADIO NOISE. THE GEOMAGNETIC ACTIVITY IS PICKING UP SOMEWHAT WITH A SUDDEN COMMENCEMENT AT 1638

B. SEVERAL SMALL AREAS NEAR SE LIMB OFFER SOME CHANCE FOR MAJOR FLARES BUT THEY HAVE NOT GROWN TO SUFFICIENT SIZE TO BE A SIGNIFICANT SOURCE.

FORECASTS FOR OCT 29-31

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS IMPORTANCE TWO OR GREATER 50/40/30

IMPORTANCE THREE OR GREATER 20/10/10

PROTON EVENTS 10/5/5

D. OTTAWA 10.7 CM FLUX TODAY 164. PREDICTED 164/162/158.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 9. TODAY ABOUT 20. PREDICTED AP 25/20/15.

BT