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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 727C ISSUED 0500Z NOV 28 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

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DE BOU 281100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 727D ISSUED AT 1100Z NOVEMBER 28, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

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PP KGFF

DE BOU 28/1725Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 728A ISSUED AT 1700Z NOV 28 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. PROBABLE IMPORTANCE ONE FLARES OCCURRED AT 0324 AND 0445Z TODAY IN THE REGIONS NEAR N18 W45 AND N23 W58 RESPECTIVELY. THESE FLARES AS WELL AS SEVERAL OF THE SUBFLARES WERE SLIGHTLY RADIO NOISY. LOW LEVEL DEKAMETER CONTINUUM RADIO EMISSION BEGAN AT 1525Z AND IS STILL IN PROGRESS AT 1700Z. CONSIDERABLE GROWTH HAS OCCURRED IN THE SPOT GROUP NEAR S29 W36 AND IT IS NOW E/240. THE PLAGE THAT IS MODERATELY BRIGHT AND THE REGION HAS BECOME A SUBSTANTIAL SOURCE OF 9.1 CM RADIO NOISE. THE N23 W58 SPOT GROUP APPEARS TO HAVE STABILIZED AT ABOUT E/430 BUT ITS HYDROGEN PLAGE REMAINS BRIGHT AND 9.1 CM EMISSION HAS INCREASED. MINOR DEVELOPMENT HAS ALSO OCCURRED IN THE S20 W07 REGION.

B. MAJOR FLARES ARE POSSIBLE FROM THE N23 W58 AND S29 W36 REGIONS.

FORECASTS FOR NOV 29-30 AND DEC 1

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

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 164. PREDICTED 166/164/158

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PP KGFF
DE BOU 282315Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 728B ISSUED 2300Z NOV 28 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS.
A. IMPORTANCE ONE FLARES WERE REPORTED AT 1751Z AND 2025Z HOWEVER
THE EARLIER ONE WAS ALSO CALLED A SUBFLARE. BOTH OCCURRED IN THE
REGION NOW NEAR N23W62. OTHERWISE NO SIGNIFICANT SOLAR ACTIVITY OR
CHANGES IN THE VISIBLE REGIONS HAVE BEEN REPORTED. AN APPARENT
INCREASE IN MEDIUM ENERGY PROTON FLUX WAS OBSERVED BY SATELLITE
BEGINNING ABOUT 1300Z.
B. MAJOR FLARES ARE POSSIBLE FROM THE N23W62 AND S29W40 REGIONS.
FORECASTS FOR NOV 29-DEC 1
C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 50/50/40
IMPORTANCE THREE OR GREATER 10/8/5
PROTON EVENTS 10/10/10
D. OTTAWA 10.7 CM FLUX TODAY 164. PREDICTED 160/158/150.
E. MAGNETIC A-FREDERICKSBURG YESTERDAY 8. TODAY ABOUT 8.
PREDICTED AP ALL UNDER 10.
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