

NNNNUV

PP KGFF

DE BOU 220500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 628C ISSUED 0500Z AUG 22 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

BT

NNNNUUV

PP KGFF

DE BOU 221100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 628D ISSUED AT 1100Z AUGUST 22, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

PP KGFF

DE BOU 221710Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO.

SDF NUMBER 629A ISSUED 1700Z AUGUST 22 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. ONLY FLARES OF IMPORTANCE ONE OR SMALLER HAVE BEEN REPORTED SINCE 21/1830Z. MOST OF THEM HAVE OCCURRED IN THE VERY LARGE NORTHEASTERN REGION. THE SPOT GROUPS IN THIS REGION ARE ESSENTIALLY UNCHANGED SINCE YESTERDAY. ITS PLAGE IS NOT PARTICULARLY BRIGHT BUT IT DOES POSSESS CONSIDERABLE FINE STRUCTURE OF AN ACTIVE CHARACTER. THE SPOT GROUP NEAR S30W36 WHICH HAS BEEN VERY SIMPLE PREVIOUSLY IS NOW DEVELOPING ADDITIONAL SPOTS IN THE FOLLOWING PORTION. THE PLAGE THERE IS THE BRIGHTEST ON THE DISK.

B. MAJOR FLARES ARE PROBABLE FROM THE NORTHEAST REGION WITHIN THE NEXT THREE DAYS. THEY DO NOT APPEAR TO BE IMMINENT TODAY.

FORECASTS FOR AUG 23-25

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 70/70/70  
IMPORTANCE THREE OR GREATER 15/15/15  
PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 178. PREDICTED 178/180/182.

BT

PP KGFF

DE BOU 222300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO.

SDF NUMBER 629B ISSUED 2300Z AUG 22 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. NO MAJOR FLARE ACTIVITY HAS BEEN REPORTED SINCE SDF629A. AN IMPORTANCE 1B FLARE AT ABOUT 2158Z WAS ACCCOMPANIED BY SMALL IONOSPHERIC AND RADIO EMISSION EFFECTS. THIS FLARE OCCURRED IN THE NORTHEAST REGION NEAR THE LARGE SPOT GROUP AT N23E36. FILAMENT ACTIVITY AND OTHER FINE STRUCTURE CHANGES PRECEDED THE OBSERVATION OF THE FLARE.

B. STRUCTURAL CHANGES IN THE NORTHEAST REGION INDICATE INCREASING ACTIVITY. MAJOR FLARES ARE EXPECTED FROM THIS REGION DURING THE NEXT 3 DAYS.

) FORECASTS FOR AUG 23-25:

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS IMPORTANCE TWO OR GREATER 70/70/70

IMPORTANCE THREE OR GREATER 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX TODAY 175. PREDICTED 176/180/182.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 5. TODAY ABOUT 5. PREDICTED AP UNDER 10.

BT