

NNNNUUU

PP KGFF

DE BOU 240500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST, CENTER ESSABOULDER COLO

SDF NUMBER 630C ISSUED 0500Z AUGUST 24, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

NNNNUUU

PP KGFF

DE BOU 241100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 630D ISSUED AT 1100Z AUGUST 24, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

PP KGFF

DE BOU 241700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE-DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 631A ISSUED 1700Z AUG 24 1967

MAJOR FLARES POSSIBLE IN NEXT 12 HRS

A. THE LARGE E-TYPE SPOT GROUP AND ASSOCIATED PLAGE AT N22 E16 REMAIN COMPLEX ALTHOUGH THEY HAVE DECAYED BOTH IN AREA AND COMPLEXITY SINCE YESTERDAY. THIS REGION HAS PRODUCED A NUMBER OF MINOR FLARES WITH SMALL GEOPHYSICAL EFFECTS DURING THE PAST 12 HOURS. AN IMPORTANCE ONE FLARE AT 23/1425Z INVOLVED BOTH THIS REGION AND A SMALL REGION AT N12 E21. MINOR GROWTH CONTINUES AT S19 E17.

B. MAJOR FLARES ARE EXPECTED FROM THE REGION AT N22 E16 WITHIN THE NEXT 3 DAYS. PROTON EMISSION IS STILL POSSIBLE BUT IS CONSIDERED LESS LIKELY THAN YESTERDAY. AN ACTIVE REGION IS EXPECTED AT N24 E LIMB ON 27 AUGUST.

FORECASTS FOR AUG ²⁵⁻²⁷ ~~24-26~~ *corrected 8/24/67 1710Z*
mi

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 70/70/70

IMPORTANCE THREE OR GREATER 30/30/30

PROTON EVENTS 20/20/20

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

BT

PP KGFF

DE BOU 242300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 631B ISSUED 2300Z AUGUST 24, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. ONLY MINOR FLARE ACTIVITY HAS BEEN REPORTED SINCE THE PREVIOUS FORECAST. FURTHER DEVELOPMENT HAS BEEN REPORTED IN REGIONS AT N23 E15 AND S19 E13.

B. CONTINUOUS FILAMENT ACTIVITY IN THE REGIONS NEAR CENTRAL MERIDIAN IN THE NORTH INDICATES THAT MAJOR FLARES ARE STILL LIKELY. INCREASED MINOR FLARE ACTIVITY IS EXPECTED IN THE SOUTH EAST REGION.

FORECASTS FOR AUGUST 25-27

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

IMPORTANCE THREE OR GREATER 30/30/30

PROTON EVENTS 20/20/20

D. OTTAWA 10.7 CM FLUX TODAY 166. PREDICTED 165/165/165

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 5. TODAY ABOUT 8.

PREDICTED AP ALL UNDER 10.

BT