

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 24 04 48 ZOO

NNNNUUU

PP KGFF

DE BOU 240500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 692C ISSUED 0500Z OCT 24 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

MNNNUU

PP KGFF

DE BOU 241100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 692D ISSUED AT 1100Z OCTOBER 24, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

BT

PP KGFF

DE BOU 241715Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 693A ISSUED 1700Z OCTOBER 24 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. IMPORTANCE ONE FLARES OCCURRED TODAY AT 0730Z AND AT 1607Z IN THE REGIONS NEAR N19 E25 AND N09 W11 RESPECTIVELY. THE LATTER FLARE WAS CALLED A BORDERLINE IMPORTANCE TWO BY SOME OBSERVATORIES. IT WAS ACCOMPANIED BY MODERATELY STRONG IONOSPHERIC EFFECTS AND MINOR RADIO EMISSION EFFECTS. THE N09 W11 REGION PLAGE AND SPOT CHARACTERISTICS HAVE SHOWED SIGNS OF REDEVELOPMENT DOAY FOLLOWING THE DECAYING TREND REPORTED YESTERDAY. THE REGION NEAR N19 E25 CONTINUES TO GROW AND DEVELOP IN BOTH PLAGE AND SPOT PARAMETERS. CONSIDERABLE FINE STRUCTURE IS PRESENT IN THIS REGION AND IT HAS PRODUCED SEVERAL SUBFLARES.

B. MAJOR FLARES ARE POSSIBLE FROM BOTH THE REGIONS AT N19 E25 AND N09 W11 CMMA JUDGING FROM PRESENT FLARE ACTIVITY AND GROWTH AND DEVELOPMENT TRENDS.

FORECASTS FOR OCTOBER 25-27

C. THE DAILY PERCENT PROBABILITIES FOR FLARES ANTZWWS COON EVENTS
IMPORTANCE TWO OR GREATER 40/40/30
IMPORTANCE THREE OR GREATER 5/5/5
PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 144. PREDICTED 146/148/148
BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER
OCT 24 23 02-75

UUV

PP KGFF

DE BOU 242300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 693B ISSUED 2300Z OCT 24 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. AN IMPORTANCE ONE FLARE BEGAN AT 2200Z IN THE N09W15 REGION.

NO SIGNIFICANT IONOSPHERIC OR RADIO EMISSION EFFECTS HAVE BEEN

OBSERVED WITH THIS FLARE. NO OTHER SIGNIFICANT ACTIVITY OR CHANGES

IN THE N09W15 AND N20E19 REGIONS HAS BEEN REPORTED SINCE SDF 693A.

AN IMPORTANCE ONE FLARE OCCURRED IN A REGION OF DIFFUSE PLAGE NEAR

S15E05 AT 2034Z COMMA ASSOCIATED WITH A DISAPPEARING DARK FILAMENT.

NO SUNSPOTS HAVE BEEN OBSERVED IN THIS REGION.

B. OCCASIONAL MAJOR FLARES ARE POSSIBLE FROM THE N09W15 AND N20E19

REGIONS. ALL OTHER VISIBLE REGIONS APPEAR INACTIVE.

FORECASTS FOR OCT 25-27

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 40/30/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY 143. PREDICTED 143/145/145

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 9. TODAY ABOUT 4.

PREDICTED AP 8-12/10-15/10-15.

BT