

UV
PP KGFF
DE BOU 291740Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 034A ISSUED 1700Z 29 SEPTEMBER 1968
SMALL PROTON EVENT IS POSSIBLE DURING THE NEXT 6 HOURS
A. AN IMPORTANCE TWO BRIGHT FLARE AT 1619Z TODAY AT N17W50
WAS ACCCOMPANIED BY MAJOR RADIO EMISSION AND IONOSPHERIC EFFECTS.
THIS FLARE INVOLVED TWO SPOT GROUPS AT N17W45 AND N17W54 AND
UMBRAL COVERAGE WAS OBSERVED IN BOTH REGIONS. ANOTHER MAJOR
FLARE OF IMPORTANCE TWO BRIGHT WAS REPORTED AT 0920Z IN A SMALL
REGION AT N12W12. THIS FLARE WAS ACCCOMPANIED BY MODERATE RADIO
EMISSION AND IONOSPHERIC EFFECTS.

B. A SMALL PROTON EVENT APPEARS POSSIBLE FROM THE 1619Z FLARE
DURING THE NEXT 6 HOURS. FURTHER MAJOR FLARE ACTIVITY IS EX-
PECTED FROM THE N17W45 AND N17W54 REGIONS.

FORECASTS FOR 30 SEP-02 OCT

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 60/60/40
IMPORTANCE THREE OR GREATER 5/5/2
PROTON EVENTS 80/80/40

D. OTTAWA 10.7 CM FLUX TODAY 153. PREDICTED 157/157/155.

SOLTERWARN

BT

WWWWUV

PP KGFF

DE BOU 292300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 034B ISSUED 2300Z SEP 29 1968

POSSIBLE SMALL PROTON EVENT IN PROGRESS.

A. SATELLITE REPORTS AND A SLIGHT INCREASE ON THE FT CHURCHILL
NEUTRON MONITOR INDICATE THERE MAY BE A SMALL PROTON EVENT IN
PROGRESS. THIS EVENT IS NOT CONFIRMED BY THE ANCHORAGE RIOMETER
CHAIN.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 034A.

E. MAGNETIC A-FREDERICKSBURG FOR SEPT 28 WAS 07. FOR SEPT 29
ABOUT 6. PREDICTED AP FOR SEPT 30-OCT 2 15-20/25-30/25-30.

BT