

NNNNUV

PP KGFF

DE BOU 01000Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF 794A ISSUED 0000Z FEBRUARY 1 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. AN IMPORTANCE TWO BRIGHT FLARE WAS OBSERVED AT 2142Z AT
N13 W15 NEAR THE DELTA CONFIGURATION IN THE SPOT GROUP. THE
FLARE WAS ACCCOMPANIED BY STRONG IONOSPHERIC EFFECTS AND MODERATE
RADIO EMISSION. ORGANIZATIONAL CHANGES CONTINUE IN THIS
REGION AND THE H-ALPHA PLAGE IS FLUCUATING. NO OTHER
SIGNIFICANT EVENTS HAVE BEEN REPORTED.

SECTIONS B C AND D REMAIN UNCHANGED

E. FREDERICKSBURG MAGNETIC A INDEX FOR JAN 30 IS 7.

PREDICTED FOR JAN 31 ABOUT 5. PREDICTED FEB. 1-3

10-15/25/30/20-25

BT

NNNNUV
PP KGFF
DE BOU 011825Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 794A ISSUED 1800Z FEBRUARY 01 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. SIX IMPORTANCE ONE AND NUMEROUS SUBFLARES HAVE BEEN REPORTED
IN THE CENTRAL AND LEADING PORTIONS OF THE LARGE SPOT GROUP AT
N14W20. THE PLAGE THERE IS COMPACT BRIGHT AND FLUCTUATING.
THREE IMPORTANCE ONE FLARES WERE REPORTED IN THE REGION AT S13
E50. THIS REGION CONTAINS A SPOT GROUP OF CLASS/AREA D/280 AND
THE PLAGE IS COMPACT AND BRIGHT.

B. MAJOR FLARES ARE EXPECTED FROM THE N14W20 REGION DURING THE
NEXT THREE DAYS. THE PROBABILITY OF A PROTON EVENT IS INCREASING
DUE TO THE STRUCTURE OF THE SPOT GROUP AND PLAGE.

FORECASTS FOR FEBRUARY 02-04

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

IMPORTANCE THREE OR GREATER 15/15/15

PROTON EVENTS 15/20/20

D. OTTAWA 10.7 CM FLUX TODAY IS 262. PREDICTED 268/270/266.

BT