

NNNNUV
PP KGFF
DE BOU 091750Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 952A ISSUED 1700Z JULY 09 1968

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. THE HYDROGEN PLAGE IN THE LARGE REGION /N13E41/ REMAINS
BRIGHT AND ACTIVE. FILAMENT STRUCTURE IS PRESENT AND THE
MAGNETIC CONFIGURATION REMAINS COMPLEX. MINOR ACTIVITY HAS
BEEN OBSERVED WITHIN THIS REGION WITH AN IMPORTANCE 1B
OCCURRING AT 0945Z N18E58. ONLY MINOR RADIO AND IONOSPHERIC
EFFECTS HAVE BEEN REPORTED FROM THIS REGION. PIONEER SATELLITE
DATA RECEIVED THIS A.M. HAS SHOWN PARTICLE COUNT ENHANCEMENTS
IN THOSE ENERGY LEVELS ABOVE 14 M.E.V.

B. THE FREQUENCY OF MINOR FLARES AND THE PRESENCE OF AN ACTIVE
FILAMENT THROUGH A DELTA MAGNETIC CONFIGURATION ARE CAUSE TO
EXPECT MAJOR FLARES TODAY IN THE NE REGION. STRONG X-RAY AND
RADIO BURSTS SHOULD ACCOMPANY THIS ACTIVITY.

FORECASTS FOR JULY 10-12

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 65/65/40

IMPORTANCE THREE OR GREATER 30/30/20

PROTON EVENTS 20/20/15

D. OTTAWA 10.7 CM FLUX TODAY IS 149. PREDICTED 155/159/164.

BT

NNNNUV
PP KGFF
DE BOU 092300Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 952B ISSUED 2300Z JULY 9 1968

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. AN IMPORTANCE 2B /TWO BRILLIANT/ FLARE BEGAN AT 1808Z TODAY.
IT WAS ACCCOMPANIED TO MODERATE IONOSPHERIC EFFECTS AND MODERATE
TO STRONG RADIO NOISE EMISSION PARTICULARLY AT CENTIMETER WAVE
LENGTHS. THE FLARE OCCURRED IN THE REGION NOW NEAR N13 E37.
A MAGNETIC STORM OF MODERATE INTENSITY IS EXPECTED WITHIN THE
NEXT 24 HOURS.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 952A.

E. MAGNETIC A-FREDERICKSBURG FOR JULY 8 WAS 10. FOR JULY 9
ABOUT 9. PREDICTED FOR JULY 10-12 15/50/40.

SOLTERWARN

BT
