

NNNNUUUV
PP KGFF
DE BOU 081835Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 951A ISSUED 1700Z JULY 8 1968

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. A PROBABLE IMP 3B /THREE BRILLIANT/ FLARE BEGAN AT 1703Z TODAY.
INTENSE RADIO NOISE OUTBURSTS ON ALL FREQUENCIES AND VERY STRONG
IONOSPHERIC EFFECTS ACCOMPANIED THE FLARE. TYPE TWO DECAMETER RADIO
NOISE OCCURRED ABOUT 1726Z FOLLOWED BY TYPE FOUR OF INTENSITY TWO.
PROTONS HAVE NOT YET BEEN REPORTED BUT THIS IS A SUSPECTED PROTON
FLARE. THE FLARE OCCURRED AT N13E56 IN A LARGE F/1100 AND
COMPLEX SPOT GROUP CONTAINING A MAGNETIC DELTA CONFIGURATION. A
BETA-GAMMA SPOT GROUP EXISTS AT N13E31 HOWEVER THIS REGION DOES
NOT APPEAR TO BE PARTICULARLY ACTIVE.

B. PROTONS ARE ANTICIPATED FROM THE 1703Z FLARE. CONTINUED MAJOR
FLARE ACTIVITY FROM THE N13E56 REGION IS LIKELY.

FORECASTS FOR JULY 9-11

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 50-60-60
IMPORTANCE THREE OR GREATER 25-30-30
PROTON EVENTS 80-80-60

D. OTTAWA 10.7 CM FLUX TODAY 151. PREDICTED 160-165-170.
BT

AMVCMVEMVIMVLMVNMVPMVRMVSVMVZMVWVMVDMVXVMQMVJMVAGVQIVUJBAMVCMVEMVIMVLMVNMUW

PP KGFF

DE BOU 082305Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 951B ISSUED 2300Z JULY 8 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. NO ADDITIONAL SIGNIFICANT ACTIVITY HAS OCCURRED SINCE THE IMPORTANCE 3B FLARE AT 1703Z TODAY. PROTONS HAVE NOT BEEN REPORTED. THE REGION NOW NEAR N13 E52 CONTINUES TO EVOLVE WITH CHANGES OCCURRING IN BOTH THE SPOT GROUP AND THE H-PLAGE.

B. ADDITIONAL MAJOR FLARES ARE ANTICIPATED IN THE N13 E52 REGION BUT THE EXPECTATION IS NOT HIGH FOR THE NEXT 12-15 HOURS. PROTONS ARE STILL POSSIBLE FROM THE 1703Z FLARE. GEOMAGNETIC CONDITIONS ARE EXPECTED TO BECOME DISTURBED WITHIN 24-36 HOURS.

FORECASTS FOR 09-11 JULY

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS IMPORTANCE TWO OR GREATER 50/60/60

IMPORTANCE THREE OR GREATER 25/30/30 .

PROTON EVENTS 50/20/10

D. OTTAWA 10.7 CM FLUX TODAY 151. PREDICTED 160/165/170.

E. MAGNETIC A-FREDERICKSBURG FOR JULY 7 WAS 7. FOR JULY 8 ABOUT 15. PREDICTED 15/50/40.

SOLTERWARN

BT