

NNNNIMULMVNMUUV

PP KGFF

DE BOU 02330Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 772A ISSUED 0000Z JANUARY 11 1968  
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.  
SECTIONS A B C AND D ARE UNCHANGED FROM SDF 171D.  
E. MAGNETIC A FREDERICKSBURG FOR JAN 9 WAS 01. FOR JAN 10  
IT IS ABOUT 02. PREDICTED AP FOR JAN 11-13 ALL UNDER 10.  
BT

NNNNUV  
PP KGFF  
DE BOU 110600Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 772B ISSUED 0600Z JAN 11 1968  
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS  
BT

UUU  
PP KGFF  
DE BOU 111200Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 7720 ISSUED AT 1200Z JAN 11 1968  
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS  
BT

UV  
PP KGFF  
DE BOU 111845Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF 772D ISSUED 1800Z JANUARY 11 1968

MAJOR FLARES ARE POSSIBLE DURING NEXT 12 HOURS

A. A BRIGHT IMPORTANCE TWO FLARE BEGAN AT ABOUT 1659Z TODAY  
IN THE REGION AT S23 W35. IT PRODUCED MODERATELY STRONG  
IONOSPHERIC EFFECTS AND MODERATELY INTENSE RADIO EMISSION IN  
THE CENTERMETER AND DEKAMETER WAVELENGTH RANGES. THE SPOT GROUP  
AT S23 W35 HAS DECLINED SIGNIFICANTLY SINCE YESTERDAY.

IMPORTANCE ONE FLARES WERE OBSERVED TODAY AT S23 W35  
/1444Z/ AND N13 W16 /1614Z/. THE SPOT GROUP CENTERED AT N12  
W10 IS DECAYING IN ITS TRAILING PORTIONS BUT MANY NEW SPOTS  
HAVE APPEARED IN THE LEADING PORTION NEAR N13 W16. THE SPOT  
GROUP NEAR N21 E23 IS RELATIVELY STABLE IN AREA BUT SOME  
REORGANIZATION IS TAKING PLACE THERE. THE H-PLAGES ARE STILL  
BRIGHT AND COMPLEX NEAR S23 W35 N21 E23 AND N13 W16.

B. EACH OF THE REGIONS DISCUSSED ABOVE IS CAPABLE OF PRODUCING  
MAJOR FLARES. FLARE PRODUCTION SHOULD INCREASE DUE TO INCREASED  
RATE OF CHANGE IN THE VISIBLE REGIONS. PROTONS ARE NOT ANTICIPATED  
FROM THE 1659Z FLARE BUT ADDITIONAL MAJOR FLARES IN THE S23 E35  
AND N12 W10 REGIONS MAY PRODUCE PROTONS.

FORECAST PERIOD IS JANUARY 12-14 1968

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 50/45/40

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 15/15/10

D. OTTAWA 10.7 CM FLUX TODAY 209. PREDICTED 204/200/195

BT