

UUV  
PP KGFF  
DE BOU 211720Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 995A ISSUED 1700Z-AUGUST 21 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. THE REGION NEAR S17W49 HAS PRODUCED SEVERAL IMPORTANCE  
1B FLARES INCLUDING A LARGE 1B OR SMALL 2B AT 1634, ASSOCIATED  
IONOSPHERIC AND RADIO EFFECTS WERE WEAK. THE REGION NEAR S19  
E40 HAS GROWN IN SIZE AND PRODUCED MINOR ACTIVITY. THE REGION  
NEAR S11W20 HAS BRIGHT, COMPACT PLAGE.

B. THERE IS STILL CONSIDERABLE ACTIVITY IN THE REGION AT S17W49  
AND MAY PRODUCE ANOTHER FLARE AS LARGE AS THE FLARE AT 1634Z  
FORECAST FOR AUGUST 22-24

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 20/10/10  
IMPORTANCE THREE OR GREATER 1/1/1  
PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY IS 155. PREDICTED 154/154/153.

BT

NNNN

NNNUUV  
PP KGFF  
DE BOU 212300Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 995B ISSUED 2300Z AUGUST 21 1968

MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT 12 HOURS

A. THE REGION NEAR S17 W49 HAS CONTINUED TO PRODUCE IMPORTANCE  
1B FLARES. THE NOISE STORM IS CONTINUING.

B. THE S17 W49 REGION IS EXPECTED TO CONTINUE TO PRODUCE FLARES  
AS LARGE AS IMPORTANCE 1 DEGENERATING INTO MINOR ACTIVITY  
TOMORROW. THE REGION NOW LOCATED AT N23 W01 HAS A SMALL SUNSPOT  
GROUP AT PRESENT BUT RAPID GROWTH IS EXPECTED AND IT HAS POTENTIAL  
FOR FLARES OF IMPORTANCE 1.

FORECASTS FOR 22-24 AUG

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 25/25/25

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 2/2/2

D. UNCHANGED FROM SDF 995A.

E. MAGNETIC A-FREDERICKSBURG FOR 20 AUG WAS 07. FOR 21 AUG ABOUT  
06. PREDICTED 08/20/25.

SOLTERWARN

BT