

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 618D ISSUED AT 1100Z  
AUGUST 12, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS  
BT

NNNN

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 618C ISSUED AT 0500Z

AUG 12 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 619A ISSUED AT 1700Z  
AUGUST 12 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. AN IMPORTANCE 2 BRIGHT FLARE WAS REPORTED BY MCMATH AT  
1610Z TODAY AT S22 W10. OTHER OBSERVATORIES ESTIMATED THE  
IMPORTANCE FROM ONE NORMAL TO THREE. THE REGION IS NOT  
MAGNETICALLY COMPLEX. WELL MARKED IONOSPHERIC EFFECTS BEGAN  
AT 1600Z.

B. MAJOR FLARES ARE STILL POSSIBLE FROM THE REGION AT  
S22 W10. THE REGION AT N23 W32 ALSO HAS A CAPABILITY FOR  
FLARE ACTIVITY.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR  
THE THREE DAY PERIOD AUG 13-15 ARE AS FOLLOWS/FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 2/2/2

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 138.  
THE PREDICTED VALUES FOR AUG 13-15 ARE 140/142/144.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 619B ISSUED AT 2300Z

AUG 12 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT  
12 HOURS.

A. NO ADDITIONAL FLARES HAVE BEEN REPORTED. THE FLARE AT 1605Z  
TODAY WAS NOT ACCOMPANIED BY LARGE RADIO BURSTS AND IS NOT EXPECTED  
TO BE A PROTON PRODUCER. ENHANCED CORONAL ACTIVITY AT NE AND SE  
LIMBS INDICATE NEW REGIONS APPROACHING. THE SE REGION IS A RETURN  
OF A REGION THAT PRODUCED SEVERAL IMPORTANCE TWO FLARES LAST  
ROTATION.

B. MAJOR FLARES ARE POSSIBLE FROM THE REGION AT S22 W03.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY  
PERIOD AUG 13-15 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH  
OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 2/2/2

D. THE OTTAWA 10.7 CM FLUX TODAY IS 142. THE PREDICTED VALUES FOR  
AUG 13-15 ARE 146/150/152.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 22. TODAY  
IT WILL BE ABOUT 10. THE PREDICTED AP RANGES FOR AUG 13-15 ARE  
10/15/8.

BT