

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 619C ISSUED AT 0500Z

AUG 13 1967

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 619D ISSUED AT 1100Z  
AUGUST 13, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

BT

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 620A ISSUED AT 1700Z  
AUGUST 13 1967.

MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY THE NEXT 12 HOURS

A. ONLY SUBFLARES HAVE BEEN REPORTED SINCE OUR LAST  
MESSAGE. THE REGION EXPECTED TO RETURN AT SE LIMB HAS  
APPEARED BUT IS A J TYPE SPOT AND DOES NOT APPEAR TO  
HAVE A HIGH FLARE POTENTIAL. SPOT GROWTH HAS OCCURRED  
IN NEW REGIONS AT N24 E01 AND S24 E04. OTHER MAJOR  
REGIONS SHOW LITTLE CHANGE.

B. THE BEST CHANCE FOR MAJOR FLARES IS FROM THE REGION  
AT S21 W17. IT HAS A WEAK DELTA CONFIGURATION.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR  
THE THREE DAY PERIOD AUGUST 14-16 ARE AS FOLLOWS/FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 134.  
THE PREDICTED VALUES FOR AUGUST 14-16 ARE 134/133/132.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 620B ISSUED AT 2300Z  
AUG 13 1967

MAJOR FLARES POSSIBLE BUT NOT LIKELY NEXT 12 HOURS.

A. THE GENERAL SITUATION HAS CHANGED LITTLE SINCE OUR LAST MESSAGE.  
NO FLARES LARGER THAN SUBFLARES HAVE BEEN OBSERVED.

B. THE SOUTH CENTRAL REGION HAS SOME POTENTIAL FOR MAJOR FLARE  
ACTIVITY, BUT NOT MUCH FOR A PROTON FLARE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY  
PERIOD AUG 14-16 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH  
OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 136. THE PREDICTED VALUES FOR  
AUG 14-16 ARE 136/135/134.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 08. TODAY  
IT WILL BE ABOUT 03. THE PREDICTED AP RANGES FOR AUG 14-16 ARE  
10/6/6.

BT