

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
SPACE DISTURBANCE FORECAST NUMBER 334 OCTOBER 31 1966

A. A BRILLIANT SURGE OCCURRED AT ABOUT 1905Z TODAY ON THE  
NE LIMB. IT WAS ASSOCIATED WITH A FLARE LOCATED NEAR N23E75  
BEGINNING AT ABOUT 1900Z. THE IMPORTANCE OF THE FLARE IS UNKNOWN  
BUT IS THOUGHT TO BE SMALL. NO RADIO EMISSION OR IONOSPHERIC  
EFFECTS /X-RAYS/ HAVE BEEN DETECTED OR REPORTED WITH IT. THE  
PLAGE NEAR THE NORTHEAST LIMB IS MODERATELY LARGE AND BRIGHT AND  
CONTAINS A TINY SPOT GROUP. ADDITIONAL PLAGE IS EXPECTED AT  
NE LIMB TOMORROW. THE SPOT GROUP AT N20W06 HAS GROWN  
SOMEWHAT SINCE YESTERDAY BUT HAS PRODUCED NO ACTIVITY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD NOVEMBER 1 TO NOVEMBER 3 ARE AS FOLLOWS/FIGURES  
ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/95/95

IMPORTANCE TWO OR GREATER 15/20/20

IMPORTANCE THREE OR GREATER 2/5/5

PROTON EVENTS 2/2/2

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 99. THE PREDICTED VALUES FOR  
THE THREE DAY PERIOD NOVEMBER 1 TO NOVEMBER 3 ARE 103/  
104/105.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 11. TO DAY IT  
WILL BE ABOUT 22. THE PREDICTED VALUES FOR THE THREE DAY PERIOD  
NOVEMBER 1 TO NOVEMBER 3 ARE 15/12/7

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