

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. TODAY 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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