

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TOTAL SPACE DISTURBANCE FORECAST NUMBER 311 OCTOBER 8 1966

A. SOLAR ACTIVITY CONTINUES TO BE LOW WITH ONLY SUBFLARES AND A POSSIBLE CLASS ONE FLARE REPORTED IN THE NORTHEASTERN SPOT GROUP TODAY. THIS SPOT GROUP AT N21 E10 IS NOW BREAKING UP. THE SPOT GROUP AT S23 W33 HAS DEVELOPED SOMEWHAT AND IS NOW CLASS D WITH AREA 120 MILLIONTHS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD OCTOBER 9-11 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS.

IMPORTANCE ONE FLARES 75/75/75

IMPORTANCE TWO FLARES 5/5/5

IMPORTANCE THREE FLARES 1/1/1

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS 100. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 9-11 ARE 100/101/103.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 6. TODAY IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 9-11 ARE 5/5/5.

BT