

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TH. AL SPACE DISTURBANCE FORECAST NUMBER 310 OCTOBER 7 1966

A. SOLAR ACTIVITY REMAINS LOW WITH ONLY A SUBFLARE REPORTED TODAY. OBSERVING CONDITIONS AT MOST U.S. OPTICAL OBSERVATORIES ARE POOR BUT THERE ARE ALSO NO INDIRECT INDICATIONS OF ACTIVITY. THE TWO SUNSPOT GROUPS VISIBLE AT S23 W20 AND N21 E23 ~~ARE~~ ARE NOT DEVELOPING AND ARE BOTH CONSIDERED SMALL. THE REGION EXPECTED TO RETURN TO NE LIMB ABOUT 9-10 OCTOBER SHOULD NOT BE ACTIVE AS JUDGED FROM ITS WEST LIMB PASSAGE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD OCTOBER 8-10 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 70/75/90

IMPORTANCE TWO FLARES 5/7/10

IMPORTANCE THREE FLARES 1/1/5

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS 103. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 8-10 ARE 103/104/107

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 15. TODAY IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 8-10 ARE 7/5/5