

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 303 SEPTEMBER 30 1966

A. THE SUNSPOT GROUP WHICH IS NOW LOCATED AT N23 W45 FAILED TO CONTINUE THE REDEVELOPMENT THAT WAS NOTED YESTERDAY. ONLY SUBFLARES HAVE BEEN REPORTED FROM IT. THE SPOT GROUP AT S17 W30 CONTINUES SMALL AND HAS PRODUCED NO FLARE ACTIVITY. NO SIGNIFICANT ACTIVITY IS EXPECTED UNTIL THE ANTICIPATED RETURN ON OCTOBER 3 OF A REGION WHICH DISPLAYED YELLOW CORONA AT WEST LIMB PASSAGE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD OCTOBER 01-03 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 75/70/80

IMPORTANCE TWO FLARES 10/10/10

IMPORTANCE THREE FLARES 1/1/2

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 2/2/2

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 95. PREDICTED VALUES

FOR THE THREE DAY PERIOD OCTOBER 01-03 ARE 94/93/96

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 15.

TODAY IT WILL BE ABOUT 11. PREDICTED VALUES FOR THE THREE

DAY PERIOD OCTOBER 01-03 ARE 15/11/11

BT