

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
SPACE DISTURBANCE FORECAST NUMBER 345 NOVEMBER 11 1966

A. THE TWO LARGE GROUPS IN THE NE QUADRANT APPEAR TO BE
INCREASING SLIGHTLY IN COUNT AND AREA CMMA AND HAVE PRODUCED
NUMEROUS SUBFLARES TODAY. A CLASS ONE NORMAL FLARE WAS
REPORTED BY MANILA AT N13 E40 AT APPROXIMATELY 0812 UT.

THE GROUP AT N12 W15 HAS GROWN FROM AN AREA OF 20
MILLIONTHS YESTERDAY TO 100 MILLIONTHS TODAY CMMA IT IS
ALSO BECOMING MORE COMPLEX AND IS PRODUCING SUBFLARES.

THIS GROUP APPEARS CAPABLE OF FURTHER GROWTH AND POSSIBLY
MAJOR FLARE ACTIVITY WITHIN THE NEXT FEW DAYS. TWO SMALL
REGIONS ARE EXPECTED AT THE NE AND SE LIMB TOMORROW.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD NOVEMBER 12↑14 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/40/40

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 129. PREDICTED VALUES
FOR THE THREE DAY PERIOD NOVEMBER 12↑14 ARE 132/133/134.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 10.

TODAY IT WILL BE ABOUT 6. PREDICTED VALUES FOR THE THREE
DAY PERIOD NOVEMBER 12↑14 ARE 10/6/4.

BT