

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
SPACE DESTURBANCE FORECAST NUMBER 347 NOVEMBER 13 1966

A. THE LIKELIHOOD FOR THE OCCURRENCE OF MAJOR FLARE ACTIVITY IS INCREASING WITH THE CONTINUING DEVELOPMENT OF THE REGIONS WHICH ARE JUST PAST CENTRAL MERIDIAN. THE PORTION OF THIS CLUSTER OF SUNSPOT GROUPS CENTERED AROUND N11 CONTAINS MIXED MAGNETIC POLARITIES AND A PROBABLE DELTA CONFIGURATION. THIS REGION HAS PRODUCED MANY MINOR FLARES OVER THE PAST FIVE DAYS AND APPEARS CAPABLE OF MAJOR ACTIVITY. THE SPOT GROUP AT N14W44 IS MAGNETICALLY A NORMAL BETA GROUP WITH MODERATELY STRONG MAGNETIC INTENSITY IN THE LEADING PORTION. THE REGION EXPECTED TO RETURN ON THE NORTHEAST LIMB IS VISIBLE BUT FAINT. NO SUNSPOTS ARE VISIBLE WITHIN IT.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD NOVEMBER 14-16 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 60/70/70

IMPORTANCE THREE OR GREATER 20/25/25

PROTON EVENTS 15/20/20

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 129. PREDICTED VALUES FOR THE THREE DAY PERIOD NOVEMBER 14-16 ARE 131/132/132.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 7. TODAY IT WILL BE ABOUT 6. THE PREDICTED VALUES FOR THE THREE DAY PERIOD NOVEMBER 14-16 ARE 4/4/7.

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