

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 341 NOVEMBER 7 1966

A. SOLAR ACTIVITY HAS INCREASED WITH THE RETURN OF AN ACTIVE

REGION AT N12E77 AND THE BIRTH AND DEVELOPMENT OF A ~~H~~

SUNSPOT GROUP AT N23E32. THE EAST LIMB REGION CONTAINS AN IRREGULAR

And is very near a large symmetric H-TYPE SPOT
H-TYPE SPOT AT N07E71 WHICH HAS RETURNED FOR ITS FOURTH DISK PASSAGE.

THE IRREGULAR SPOT IS ASSOCIATED WITH IMPORTANCE ONE FLARES AT

0734Z 1747Z AND 1830Z TODAY. THE NEW SPOT GROUP APPEARS JUST

5 DEGREES DUE NORTH OF A SMALL GROUP WHICH HAS BEEN SEEN FOR THE

PAST THREE DAYS. THERE ARE SEVERAL SMALL SPOTS BETWEEN THE GROUPS

GIVING THE IMPRESSION OF A SINGLE ACTIVE AREA OF UNUSUAL N S

EXTENT. THE NEW GROUP IS CLASS D WITH RUDIMENTARY PENUMBRA. IT

IS EXPECTED TO CONTINUE ITS GROWTH.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE

DAY PERIOD NOV 8¹⁰ ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH,

C. THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 30/40/40

IMPORTANCE THREE OR GREATER 10/15/15

PROTON EVENTS 5/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 114. THE PREDICTED VALUES FOR

THE THREE DAY PERIOD NOV 8¹⁰ ARE 119/121/123.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 4. TODAY IT

WILL BE ABOUT 3. THE PREDICTED VALUES FOR THE THREE DAY PERIOD

NOV 8¹⁰ ARE 5/3/8

BT