

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA WGIWARN

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

SUNSPOT GROUP AT N23E32. THE EAST LIMB REGION CONTAINS AN IRREGULAR H-TYPE SPOT AT N07E71 WHICH HAS RETURNED FOR ITS FOURTH DISK PASSAGE. *And is very near a large symmetric H-type spot*

THE IRREGULAR SPOT IS ASSOCIATED WITH IMPORTANCE ONE FLARES AT

0734Z 1747Z AND 1330Z 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 8-10 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 8-10 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 8-10 ARE 5/3/8

BT