

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
SPACE DISTURBANCE FORECAST NUMBER 348 NOVEMBER 14 1966

A. A CLASS TWO FLARE AT 1215Z TODAY WAS REPORTED BY TWO
OBSERVATORIES BUT IS CONSIDERED AS SOMEWHAT QUESTIONABLE.

IT OCCURRED AT N25E70 IN A BRIGHT CALCIUM PLAGE REGION WHICH
DID NOT CONTAIN A SUNSPOT AT THE TIME. SINCE THEN A SMALL SPOT
GROUP HAS APPEARED IN THE REGION. A CLASS ONE FLARE WAS IN
PROGRESS AT 2100Z EAST OF THE SPOT GROUP AT N15W17. THIS SPOT GROUP
REMAINS RATHER LARGE BUT IS OF SINGLE MAGNETIC POLARITY.
THE SPOT GROUP AT N09W20 IS ALSO LARGE AND IS A BETA GAMMA
MAGNETIC TYPE. IT APPEARS LIKELY TO PRODUCE MAJOR ACTIVITY
SOMETIME DURING ITS DISK PASSAGE. THE TWO SPOT GROUPS AT
ABOUT W60 ARE BOTH ALPHAS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD NOVEMBER 15-17 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 50/50/50

IMPORTANCE THREE OR GREATER 20/20/20

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 127. PREDICTED VALUES FOR THE
THREE DAY PERIOD NOVEMBER 15-17 ARE 128/128/126.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 6. TODAY IT
WILL BE ABOUT 3. THE PREDICTED VALUES FOR THE THREE DAY PERIOD
NOVEMBER 15-17 ARE 4/7/7.

BT