

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 315 OCTOBER 12 1966

A. SOLAR ACTIVITY IS LOW BUT MAY BEGIN AN INCREASE TOMORROW.

FIGHT GREEN CORONA NEAR N10 ON EAST LIMB INDICATES THAT A REGION HAS DEVELOPED RECENTLY AT A LOCATION WHICH WAS VOID OF ACTIVITY IN RECENT MONTHS. THIS LOCATION IS STILL BEYOND EAST LIMB AS NO SIGNS OF AN ASSOCIATED REGION ARE YET VISIBLE. A SMALL SPOT GROUP AT N22 E66 HAS SHOWN SLIGHT GROWTH SINCE YESTERDAY. A SMALL A TYPE SPOT HAS APPEARED AT N25 E80 MARKING THE RETURN OF A ONCE-ACTIVE REGION. THE LARGE H SPOT AT N08 E55 IS SIMPLE AND STABLE AND UNLIKELY TO HAVE ASSOCIATED FLARES. ALL THREE OTHER SPOT GROUPS ARE TINY AND DECLINING.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD OCTOBER 13-15 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE^{or greater} FLARES ~~90/90/90~~^{95/95}

IMPORTANCE TWO^{or greater} FLARES ~~15/15/15~~^{25/25}

IMPORTANCE THREE^{or greater} FLARES ~~3/3/3~~^{6/6/6}

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 113. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 13-15 ARE 115/118/120

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 0. TODAY IT WILL BE ABOUT 7. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 13-15 ARE 9/7/7