

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 313 OCTOBER 10 1966

A. FLARE ACTIVITY HAS BEEN LOW TODAY. THE LARGE EQUATORIAL SPOT REGION WHICH PASSED OFF WEST LIMB ON THE 25TH OF SEPTEMBER HAS RETURNED WITH LITTLE CHANGE IN SIZE AT N05 E79. THIS REGION MAY PRODUCE MAJOR FLARES DURING ITS DISK PASSAGE BUT ASSOCIATED PROTON EVENTS SEEM UNLIKELY. THE LARGE REGION IN THE NORTHWEST QUADRANT CONTINUES TO BE A POTENTIAL SOURCE OF MAJOR FLARE ACTIVITY ALTHOUGH ONLY SUBFLARES HAVE BEEN REPORTED SINCE THE 09/1045Z FLARE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD OCTOBER 11-13 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 80/85/100

IMPORTANCE TWO FLARES 10/15/25

IMPORTANCE THREE FLARES 1/2/5

IMPORTANCE FOUR FLARES 0/0/1

PROTON EVENTS 1/2/5

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 107. PREDICTED VALUES

FOR THE THREE DAY PERIOD OCTOBER 11-13 ARE 110/113/116

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 09. TODAY

IT WILL BE ABOUT 01. PREDICTED VALUES FOR THE THREE DAY PERIOD

OCTOBER 11-13 ARE 7/10/10

BT