

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

1. LAL SPACE DISTURBANCE FORECAST NUMBER 314 OCTOBER 11 1966

A. ALTHOUGH SEVERAL REGIONS OF CONCERN AS MAJOR FLARE PRODUCERS ARE VISIBLE ON THE DISK NO SIGNIFICANT EVENTS HAVE OCCURRED IN THE PAST 24 HOURS. THE REGION IN THE NW QUADRANT CONTINUES TO DOMINATE THE DISK CMMA IT NOW CONTAINS ONE ALPHA SPOT GROUP AND 2 BETA SPOT GROUPS. THE GROUP AT N19E77 TODAY APPEARS TO OFFER SOME HOPE FOR AN INCREASE IN ACTIVITY. ANOTHER REGION OF MAJOR INTEREST IS DUE TO RETURN AT EAST LIMB ON 14 OCTOBER.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD OCTOBER 12-14 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 85/100/100

IMPORTANCE TWO FLARES 15/25/30

IMPORTANCE THREE FLARES 2/5/5

IMPORTANCE FOUR FLARES 0/0/1

PROTON EVENTS 2/5/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 110. PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 12-14 ARE 115/118/122.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 02. TODAY IT WILL BE ABOUT 01. PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 12-14 ARE 7/11/11

BT