

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 316 OCTOBER 13 1966

A. SOLAR ACTIVITY IS INCREASING WITH THE DEVELOPMENT OF A TYPE E SPOT GROUP AT N22 E54 AND THE APPEARANCE OF AN ADDITIONAL SMALL SPOT GROUP AT N27 E77. THE NORTHEAST QUADRANT NOW HAS FOUR SPOT GROUPS AND EXTENSIVE BRIGHT PLAGE INTERCONNECTING ALL THE REGIONS. BRIGHT FACULAE AT ABOUT NQ10 E70 MAY DEVELOP AN ADDITIONAL SPOT GROUP TOMORROW. IMPORTANCE ONE FLARES OCCURRED NEAR THE E-TYPE GROUP AT 0430Z AND 0901Z.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD OCTOBER 14-16 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES OR GREATER 100/100/100

IMPORTANCE TWO FLARES OR GREATER 25/30/35

IMPORTANCE THREE FLARES OR GREATER 5/7/10

PROTON EVENTS 5/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 118. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 14-16 ARE 122/125/127

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 9. TODAY IT WILL BE ABOUT 5. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 14-16 ARE 7/7/12

BT