

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 309 OCTOBER 06 1966

A. THE SUNSPOT GROUP AT N21 E31 HAS GROWN TO 180 MILLIONTHS AND IS CLASS F WITH LONGITUDINAL EXTENT OF 18 DEGREES. A NEW SPOT WHICH FIRST APPEARED YESTERDAY IS NOW AT S22 W07. IT IS GROWING WITH ARE OF 60 MILLIONTHS CLASS C. NEITHER OF THESE REGIONS APPEARS CAPABLE OF PRODUCING MAJOR ACTIVITY AT THIS TIME. THE NORTHERN REGION EXPECTED BACK TODAY IS VISIBLE BUT APPEARS INACTIVE. THE NEXT RETURNING REGIONS SHOULD APPEAR ON THE NORTHEAST LIMB ON THE 9TH.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD OCTOBER 7-9 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES

FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 80/80/90

IMPORTANCE TWO FLARES 10/15/20

IMPORTANCE THREE FLARES 1/2/5

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS 102. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 7-9 ARE 104/106/108

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 20. TODAY IT WILL BE ABOUT 12. THE PREDICTED VALUES FOR THE THREE DAY

PERIOD OCTOBER 7-9 ARE 9/7/5