

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

SUN DISTURBANCE FORECAST NUMBER 351 NOVEMBER 17 1966

A. THE REGION WHICH APPEARED AT EAST LIMB YESTERDAY IS CLEARLY VISIBLE TODAY AS AN EXTENDED REGION OF LOW ACTIVITY. IT CONTAINS A SYMMETRIC LEADER SPOT WITH NO FOLLOWERS. THE SUNSPOT GROUP IN THE SOUTHERN PART OF THE LARGE REGION AT N09 W60 CONTINUES TO HAVE A SOMEWHAT COMPLEX FOLLOWER. IMPORTANCE ONE FLARES OCCURRED NEAR THIS GROUP AT 0146Z GMM 0735Z AND 1221Z TODAY. SMALL SURGES AT N24 E LIMB INDICATE THE RETURN OF A SMALL REGION TOMORROW. ADDITIONAL REGIONS ARE EXPECTED ON 19 AND 20 NOVEMBER AS WELL.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD NOVEMBER 18-20 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES

FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/95

IMPORTANCE TWO OR GREATER 30/30/20

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 116. PREDICTED VALUES FOR THE THREE DAY PERIOD NOVEMBER 18-20 ARE 115/114/108

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 3. TODAY IT WILL BE ABOUT 6. THE PREDICTED VALUES FOR THE THREE DAY PERIOD NOVEMBER 18-20 ARE 7/12/12

BT