

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
S⁰ 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 CMTA 0735Z AND 1221Z TODAY. SMALL
SURGES AT N24 E LIMB INDECAT 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