

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 300 SEPTEMBER 27 1966

A. NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED AS
SOLAR ACTIVITY CONTINUES TO DECLINE. LOOP PROMINENCES AND
SURGES OCCURRED TODAY AT NORTHWEST LIMB ASSOCIATED WITH THE
REGIONS NOW PASSING OVER THE LIMB. A SMALL AND SHORT DURATION
PROTON EVENT EVIDENTLY BEGON AT 2000Z YESTERDAY. THIS MOST
LIKELY ASSOCIATED WITH ACTIVITY OCCURRING IN THE REGIONS
JUST OVER THE NORTHWEST LIMB. THE SUNSPOT GROUP AT N22W04
CONTINUES WITH A HIGH SPOT COUNT AND AREA ABOUT 200
MILLIONTHSM THERE IS NO EVIDENCE OF A REGION EXPECTED AT
SE LIMB TODAY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD SEPTEMBER 28-30 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES
FOR EACH OF THE THREE DAYS/

I IMPORTANCE ONE FLARES 30/75/70

IMPORTANCE TWO FLARES 15/10/10

IMPORTANCE THREE FLARES 5/5/5/

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 5/5/2

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 100. PREDICTED VALUES
FOR THE THREE DAY PERIOD SEPTEMBER 28-30 ARE 97/95/94

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 15. TODAY
IT WILL BE ABOUT 18. PREDICTED VALUES FOR THE THREE DAY PERIOD
SEPTEMBER 28-30 ARE 15/10/10

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