

FROM SPACE DISTURBANCE FORECAST CNTR ESSA BOULDER COLOVIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 279 SEPTEMBER 6 1966

A. REGION 8496 /AT N22E82/ CONTAINS A MODERATELY LARGE AND
BRIGHT PLAGE AND A CLASS D SUNSPOT GROUP OF AREA 110 MILLIONTHS.
IT PRODUCED A CLASS ONE FLARE AT 0422Z TODAY AND A SUBFLARE
AT 1453Z CMMA THE ONLY FLARES REPORTED THUS FAR TODAY. A
SMALL BUT BRIGHT REGION OF WHITE-LIGHT FACULAE AT S23 NEAR
EAST LIMB CONTAINS A TINY SUNSPOT GROUP. IT APPEARS CAPABLE
OF DEVELOPING. OTHER TINY SUNSPOT GROUPS ARE LOCATED AT
N30E68 CMMA N30W87 CMMA AND S17E28.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD SEPT7-9 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES
FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 85/85/85

IMPORTANCE TWO FLARES 10/10/10

IMPORTANCE THREE FLARES 0/0/0

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 96. PREDICTED VALUES
FOR THE PERIOD SEPT 7-9 ARE 95/96/96.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 12.
TODAY IT WILL BE ABOUT 27. PREDICTED VALUES FOR THE PERIOD
SEPT 7-9 ARE 15/10/6.

BT