

PRO SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

TRIAL SPACE DISTURBANCE FORECAST NUMBER 232 JULY 21 1966

A. SOLAR ACTIVITY REMAINS AS LOW AS YESTERDAY WITH MINOR DECREASES IN MOST VISIBLE REGIONS OFFSET BY ADDITIONAL PLAGE APPEARING AT NE LIMB ASSOCIATED WITH THE LARGE H-TYPE SUNSPOT. NO FLARES OTHER THAN SUBFLARES HAVE BEEN REPORTED TODAY. LIMB ACTIVITY FROM A RETURNING REGION MAY BE APPARENT BY 23 JULY AND THE REGION ITSELF IS DUE TO REAPPEAR ON 24 JULY. THIS REGION IS EXPECTED TO BE ACTIVE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 22-24 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 90/90/100

IMPORTANCE TWO FLARES 5/5/10

IMPORTANCE THREE FLARES 0/0/5

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/5

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 100. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 22-24 ARE 101/101/104

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 5. TODAY IT WILL BE ABOUT 14. THE PREDICTED VALUES FOR JULY 22-24 ARE 10/6/5

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