

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN  
TRIAL SPACE DISTURBANCE FORECAST NUMBER 227 JULY 16 1966

A. THE SUN HAS A MORE ACTIVE APPEARANCE TODAY WITH THE ADDITION OF THREE SPOT GROUPS AND TWO SMALL PLAGE REGIONS. THE NEW GROUP AT S23 E80 IS TYPE D AND AREA OF 150 MILLIONTHS. THE NEW GROUP AT N33 W70 IS SMALL BUT GROWING. SOME SPOT GROWTH IS ALSO APPARENT IN THE SMALL CLUSTER OF SPOTS AT N21 E20 AND NEW SPOTS HAVE FORMED NEAR THE STABLE J-TYPE SPOT AT N25 E31. THE NEW FACULAR REGIONS AT N17 E85 AND N33 E89 ARE SMALL BUT MODERATELY BRIGHT. NO FLARES OTHER THAN A SINGLE SUBFLARE HAVE BEEN REPORTED TODAY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 17-19 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 90/95/95

IMPORTANCE TWO FLARES 5/7/10

IMPORTANCE THREE FLARES 0/0/1

IMPORTANCE FOUR FLARES 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 100. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JULY 17-19 ARE 103/104/105

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 10. TODAY IT WILL BE ABOUT 3. THE PREDICTED VALUES FOR JULY 17-19 ARE 4/4/4

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