

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 354 NOVEMBER 20 1966

A. HERE HAS BEEN LITTLE SOLAR ACTIVITY WITH ONLY FOUR SUBFLARES REPORTED TODAY. THE SUNSPOT GROUP NOW AT ²²NWW07 WHICH WAS A TYPE B YESTERDAY IS NOW A TYPE D. IT PRODUCED ONLY TWO SUBFLARES TODAY BUT APPEARS CAPABLE OF CONTINUED GROWTH. ANOTHER SPOT GROUP AT N34E50 HAS GROWN IN SIZE BUT HAS NOT PRODUCED ANY FLARE ACTIVITY. ALL OTHER REGIONS ARE SMALL AND DECLINING. TWO PLAGE REGIONS RETURNED AT EAST LIMB BUT THEY ARE BOTH SMALL AND NOT VERY BRIGHT. NO OTHER REGIONS ARE EXPECTED TO RETURN DURING THE NEXT THREE DAYS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD NOVEMBER 21+23 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 90/95/95

IMPORTANCE TWO OR GREATER 5/10/10

IMPORTANCE THREE OR GREATER 2/5/5

PROTON EVENTS 2/5/5

C. THE OTTAWA 10.7 O. ^{cm today is Predicted} 7/ 59¹⁸ 2¹ 114. 043¹ICTED VALUES FOR THE THREE DAY PERIOD NOVEMBER 21+23 ARE 110/112/112.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 8 TODAY IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR THE THREE DAY PERIOD NOVEMBER 21+23 ARE 8/6/6.

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