

ROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 318 OCTOBER 15, 1966.

A. MAJOR FLARE ACTIVITY FROM THE REGION NOW IN THE NE QUADRANT

I EXPECTED DURING THE NEXT 7 TO 10 DAYS. THE SPOT GROUP

CENTERED AT 22N 27E HAS NEARLY DOUBLED IN SIZE DURING THE

LAST 24 HOURS. IMPORTANCE ONE FLARES WERE OBSERVED AT 0412Z

AND 0522Z FROM THIS REGION. THE LARGE SINGLE SPOT NEAR THE

CENTER OF THE DISK REMAINS QUITE STABLE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE

THREE DAY PERIOD OCTOBER 16-18 ARE AS FOLLOWS /FIGURES ARE

PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER FLARES 100/100/100

IMPORTANCE TWO OR GREATER FLARES 50/50/70

IMPORTANCE THREE OR GREATER FLARES 15/20/25

PROTON EVENTS 20/25/30

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 121. THE PREDICTED VALUES

FOR THE THREE DAY PERIOD OCTOBER 16-18 ARE 124/125/125.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 3

TODAY IT WILL BE ABOUT 5. THE PREDICTED VALUES FOR THE THREE DAY

PERIOD OCTOBER 16-18 ARE 13/11/7.