

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 319 OCTOBER 16, 1966.

A. IMPORTANCE TWO FLARES MAY BE EXPECTED ABOUT ONE PER 48 HOURS
FROM THE REGION NOW AT N22E15 . THE SUNSPOT GROUP HERE CONTINUES
AS A TYPE E WITH AREA JUST OVER 300 MILLIONTHS WITH NO MAJOR
GROWTH IN LAST TWO DAYS. THE SPOTS ARE NUMEROUS BUT SMALL AND THE
PNEUMBRA IS POORLY DEVELOPED. NUMEROUS SUBFLARES AND ONE
IMPORTANCE ONE FLARE HAVE BEEN REPORTED FROM THIS REGION TODAY.
MODERATE GREEN CORONA AND FAINT PLAGE AT NE LIMB INDICATE THAT
THE REGION EXPECTED TO REAPPEAR TOMORROW WILL NOT BE ACTIVE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD OCTOBER 17-19 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 15/15/15

PROTON EVENTS 10/10/10

CORRECTION FOR IMPORTANCE TWO OR GREATER WHICH SHOULD BE 40/40/40

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

FOR THE THREE DAY PERIOD OCTOBER 17-19 ARE 122/121/120.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 12. TODAY

IT WILL BE ABOUT 22. THE PREDICTED VALUES FOR THE THREE DAY

PERIOD OCTOBER 17-19 ARE 11/7/7.

FJBXX