

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 326 OCTOBER 23 1966

A. THE ACTIVE REGION AT N14W80 IS APPROACHING MAJOR FLARE POTENTIAL
TWO IMPORTANCE ONE FLARES OCCURRED HERE AT 1345Z AND 1423Z. IMPORTANCE
ONE LOOPS FOLLOWED ON WEST LIMB AT 1605Z. THE GREEN CORONA ABOVE THE
REGION IS BRIGHT AND A TRACE OF YELLOW CORONA WAS DETECTED. THE
THE ASSOCIATED SPOT GROUP HAS GROWN TO NEAR 500 MILLIONTHS AND IS
SOMEWHAT MORE COMPLWX. THE REGION WILL PASS OVER WEST LIMB BEFORE MAJOR
FLARES OCCUR BUT THE REGION COULD RETURN ON NOVEMBER 6 AS A MAJOR
REGION. ITS HELIOGRAPHIC POSITION IS NEAR THE PROTON FLARE LONGITUDES
THE SPOT GROUP AT N12E25 APPEARS TO BE REJUVANATING. FLARES OF
IMPORTANCE ONE MAY OCCUR HERE AT ABOUT ONE PER DAY. ALL OTHER REGION
VISIBLE ARE SMALL AND INACTIVE

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD OCTOBER 24-26 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/90/90

IMPORTANCE TWO OR GREATER 35/60/10

IMPORTANCE THREE OR GREATER 5/1/1

PROTON EVENTS 15/2/2

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 109.63534 \pm 6 2 \pm 120 \pm 95
125 \pm 4309453 \pm . THE PREDICTED VALUES FOR THE THREE DAY PERIOD
OCTOBER 24-26 ARE 99/97/97.

THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 0. TODAY
IT WILL BE ABOUT 0. THE PREDICTED VALUES FOR THE THREE DAY
PERIOD OCTOBER 24-26 \pm 43 5/5/5.

FJBXX