

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
TRIAL SPACE DISTURBANCE FORECAST NUMBER 218 JULY 7 1966

A. A BRIGHT IMPORTANCE TWO FLARE OCCURRED AT 0020Z TODAY
ACCOMPANIED BY GREAT IONOSPHERIC EFFECTS CMM VERY LARGE
RADIO BURSTS CMM INCLUDING A MAJOR TYPE FOUR BURST CMM AND
FOLLOWED BY A DEFINITE PROTON EVENT. A MAGNETIC STORM IS
EXPECTED. THE REGION WHICH PRODUCED THE FLARE /8362 AT
N32 W57/ CONTINUES LARGE CMM BRIGHT AND HAS SPOTS WITH A
DELTA CONFIGURATION. ADDITIONAL LARGE FLARES ARE LIKELY.
A NEW SPOT GROUP HAS APPEARED AT N19 E29 AND IS STILL SMALL
AT THIS TIME. THE GROUP AT N29 W07 HAS SHOWN SOME GROWTH
SINCE YESTERDAY BUT ALSO IS STILL SMALL.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 8-10 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR
EACH OF THE THREE DAYS/

IMPORTANCE ONE FLARES 100/100/100

IMPORTANCE TWO FLARES 70/70/50

IMPORTANCE THREE FLARES 20/20/10

IMPORTANCE FOUR FLARES 5/5/2

PROTON EVENTS 70/50/50

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 109. THE PREDICTED VALUES
FOR THE THREE DAY PERIOD JULY 8-10 ARE 111/110/105

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 5. TODAY
IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR JULY 8-10 ARE 50/40/15
072103Z FLHXX