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FROM SPACE DISTURBANCE FORECAST CENTER ESSA, BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 494A ISSUED AT 1700Z

APRIL 9 1967

A. NOTHING MORE THAN SUBFLARES HAS BEEN REPORTED SINCE OUR LAST MESSAGE. THE REGION AT S20 W34 AT AROUND 0100Z 9 APRIL WAS THE DOMINANT REGION.

B. ANY SIGNIFICANT ACTIVITY SHOULD COME FROM THE SW REGION MENTIONED ABOVE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD APRIL 10-12 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 5/5/5

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 134.

THE PREDICTED VALUES FOR APRIL 10-12 ARE 135/136/138

E. THE MAGNETIC INFORMATION WILL BE INCLUDED ON THE 2300Z FORECAST.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 494B ISSUED AT 2300Z

APRIL 9 1967

A. THE LARGE SW REGION HAS PRODUCED BRILLIANT SUB-FLARES
TODAY CMMA AT 1754Z AND AT 2040Z. BOTH WERE ACCCOMPANIED BY
WEAK BUT CLEAR CUT IONOSPHERIC EFFECTS. THE SUNSPOT IN
THIS REGION NOW HAS OPPOSITE MAGNETIC POLARITIES CMMA
SO THAT IT HAS A WEAK DELTA CONFIGURATION. A DARK SURGE
APPEARED NEAR THE REGION AT THE TIME OF THE SECOND SUB-FLARE.

B. NOTHING SIGNIFICANT IS EXPECTED TO RETURN AT EAST LIMB
FOR THE NEXT FEW DAYS. THE SW REGION WILL BEAR WATCHING.
AN ACTIVE FILAMENT WAS SEEN TODAY AT N15 W30 SO THAT AREA
SHOULD BE WATCHED ALSO.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD APRIL 10-12 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 10/15/20

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 2/2/2

D. THE OTTAWA 10.7 CM FLUX TODAY IS 133. THE PREDICTED
VALUES FOR APRIL 10-12 ARE 135/137/140.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4.
TODAY IT WILL BE ABOUT 4. THE PREDICTED AP VALUES FOR
APRIL 10-12 ARE 6/4/4.

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