

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 492 A ISSUED AT 1700Z  
APRIL 7 1967

A. ONLY SUBFLARES HAVE BEEN REPORTED TODAY. THE SPOT GROUP WHICH FORMED YESTERDAY AT S19 W01 IS INCREASING IN SIZE AND COMPLEXITY. ADDED SPOT GROWTH IN THE NORTHEAST HAS HELPED TO INCREASE THE OTTAWA 10 CM FLUX FROM 119 YESTERDAY TO AN ESTIMATED 126 TODAY.

B. THE NEW SOUTH CENTRAL REGION SHOULD CONTINUE TO GROW. RETURNING REGIONS DURING THE NEXT DAY OR TWO SHOULD BE RELATIVELY INACTIVE.

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

~~IMPORTANCE ONE OR GREATER 80/90/95~~

IMPORTANCE ONE OR GREATER 80/90/95

IMPORTANCE TWO OR GREATER 5/5/10

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 126. THE PREDICTED VALUES FOR APRIL 8-10 ARE 127/128/129

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 492B ISSUED AT 2300Z  
APRIL 7 1967

A. SOLAR ACTIVITY HAS INCREASED SLIGHTLY WITH SEVERAL  
SUBFLARES AND ONE IMPORTANCE ONE FLARE REPORTED TODAY.  
MOST OF THE SUBFLARE ACTIVITY OCCURRED IN THE DEVELOPING  
REGION LOCATED AT ABOUT S20 W17 AND THE REMAINDER IN THE  
CLUSTER OF REGIONS IN THE NORTHEAST QUADRANT. THE IMPORTANCE  
ONE FLARE WAS IN AN APPARENTLY DECAYING REGION NOW LOCATED  
AT ABOUT N17 W56.

B. MINOR FLARE ACTIVITY IS EXPECTED TO CONTINUE FROM THE  
REGION AT S20 W17. MAJOR FLARES ARE NOT EXPECTED.

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

IMPORTANCE ONE OR GREATER 80/85/90

IMPORTANCE TWO OR GREATER 2/5/5

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS 129. THE PREDICTED  
VALUES FOR APRIL 8-10 ARE T 131/133/134

E. THE FREDERICKSBURG MAGNETIC A DINDEX FOR YESTERAAY  
WAS 10. TODAY IT WILL BE ABOUT 8. THE PREDICTED AP  
VALUES FOR APRIL 8-10 ARE 6/4/4

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