

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 489A ISSUED AT 1700Z
APRIL 04 1967

A. SOLAR ACTIVITY REMAINS AT A MODERATELY LOW LEVEL. NO
FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED. THE
VISIBLE DISK IS POPULATED BY SEVERAL MODERATELY LARGE AND
BRIGHT CALCIUM PLAGE REGIONS HOWEVER NONE OF THE SPOT
GROUPS APPEAR INTERESTING.

B. NO MAJOR FLARE ACTIVITY IS EXPECTED. THE OTTAWA 10 CM
RADIO FLUX SHOULD CONTINUE ITS DOWNWARD TREND FOR ANOTHER
DAY.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD APRIL 05-07 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 75/75/75

IMPORTANCE TWO OR GREATER 1/1/1

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 124.
PREDICTED VALUES FOR APRIL 05-07 ARE 120/118/118.

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 489B ISSUED AT 2300Z
APRIL 4 1967

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH ONLY SUB-
FLARES REPORTED TODAY. MOST OF THEM OCCURRED IN THE
REGIONS NEAR S21 W44 AND S24 E46. THE SPOT GROUP AT
S24 E46 HAS GROWN TODAY BUT IT IS STILL VERY SMALL.
A MINOR MAGNETIC DISTURBANCE WHICH BEGAN WITH A
SUDDEN COMMENCEMENT AT 0304Z TODAY IS STILL IN PROGRESS.

B. NONE OF THE VISIBLE SOLAR REGIONS APPEARS LIKELY TO
PRODUCE FLARES AS LARGE AS IMPORTANCE TWO.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD APRIL 5-7 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 75/75/75
IMPORTANCE TWO OR GREATER 1/1/1
IMPORTANCE THREE OR GREATER 0/0/0
PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS 125. THE PREDICTED
VALUES FOR APRIL 5-7 ARE 120/118/118

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 3.
TODAY IT WILL BE ABOUT 11. THE PREDICTED AP VALUES FOR
APRIL 5-7 ARE 7/5/4

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APR 4 23 34 67
ESSA BOULDER COLO
SPACE DISTURBANCE
FORECAST CENTER

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