

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 510A ISSUED AT 1700Z
APRIL 25 1967

A. IMPORTANCE ONE FLARES HAVE BEEN REPORTED TODAY IN THE
REGIONS NOW NEAR S14W14 AND S28W85. THEY OCCURRED AT ABOUT
0500 AND 0927Z RESPECTIVELY. 9.1 CM RADIO NOISE SOURCES ARE
NOW VISIBLE IN BOTH THE NORTH AND SOUTH ON EAST LIMB. THE
SOUTHERN SOURCE IS EVIDENTLY RELATED TO THE REGION EXPECTED
TO RETURN THERE ON THE 26TH.

B. MAJOR FLARES ARE NOT EXPECTED FROM ANY OF THE REGIONS
NOW VISIBLE. 10 CM FLUX SHOULD REMAIN RELATIVELY STABLE
FOR THE NEXT 48 HOURS AS EAST LIMB REGIONS COUNTERBALANCE
THE LOSS OF WEST LIMB REGIONS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD APRIL 26-28 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 0/1/1

PROTON EVENTS 0/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 130.
THE PREDICTED VALUES FOR APRIL 26-28 ARE 130/131/133.

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 510B ISSUED AT 2300Z

APRIL 25 1967

A. NO ADDITIONAL FLARES HAVE BEEN REPORTED TODAY.

THE IMPORTANCE ONE FLARE AT 0927Z HAS BEEN CLASSIFIED

AS IMPORTANCE TWO BY ANOTHER OBSERVATORY. NO

SIGNIFICANT CHANGES HAVE BEEN REPORTED IN ANY OF THE

VISIBLE REGIONS.

B. MAJOR FLARES ARE NOT EXPECTED FROM ANY OF THE REGIONS

NOW VISIBLE. THE PROBABILITY OF MAJOR FLARES MAY INCREASE

WITH THE RETURN OF A REGION TO SOUTHEAST LIMB LATE ON

THE 26TH.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE

THREE DAY PERIOD APRIL 26-28 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 0/1/1

PROTON EVENTS 0/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 131. THE PREDICTED

VALUES FOR APRIL 26-28 ARE 130/132/133

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 23.

TODAY IT WILL BE ABOUT 5. THE PREDICTED AP VALUES FOR

APRIL 26-28 ARE 8/6/5