

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 504A ISSUED AT 1700Z
APRIL 19 1967

A. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY SUBFLARES
REPORTED TODAY. ALL VISIBLE REGIONS ARE SMALL AND STABLE.
MODERATE GREEN LINE CORONA AT ABOUT N20 INDICATES A NEW
REGION WILL COME AROUND THE EAST LIMB TOMORROW. THIS IS
NOT A RETURNING REGION AND ITS EXPECTED ACTIVITY CANNOT
BE DETERMINED UNTIL IT ROTATES ONTO THE DISK.

B. MAJOR FLARE ACTIVITY IS NOT EXPECTED FROM ANY OF THE
REGIONS PRESENTLY ON THE DISK.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD APRIL 20-22 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 85/90/90

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 126.
THE PREDICTED VALUES FOR APRIL 20-22 ARE 127/128/129.

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 504B ISSUED AT 2300Z
APRIL 19 1967

A. NO SOLAR ACTIVITY HAS BEEN REPORTED SINCE 1700Z TODAY.
THE REGION ASSOCIATED WITH MODERATE GREEN LINE CORONA
OBSERVED EARLIER TODAY AT N20 IS NOT YET VISIBLE. ALL
VISIBLE REGIONS REMAIN SMALL AND UNCHANGED.

B. MAJOR FLARE ACTIVITY IS NOT EXPECTED FROM ANY OF THE
REGIONS PRESENTLY ON THE DISK.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD APRIL 20-22 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 85/90/90

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 126. THE PREDICTED
VALUES FOR APRIL 20-22 ARE 127/128/129.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS
7. TODAY IT WILL BE ABOUT 20. THE PREDICTED AP VALUES FOR
APRIL 20-22 ARE 10/5/5.

BT