

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 505Z ISSUED AT 1700Z
APRIL 20 1967

A. THE LOW LEVEL OF SOLAR ACTIVITY CONTINUES. NOT
EVEN SUBFLARES HAVE BEEN REPORTED SINCE ABOUT 2200Z
YESTERDAY. ALL VISIBLE REGIONS APPEAR TO BE ESSENTIALLY
UNCHANGED AND INACTIVE. THERE IS NO EVIDENCE YET OF
REGIONS ASSOCIATED WITH THE ENHANCED GREEN LINE CORONA
OBSERVED YESTERDAY AT EAST LIMB.

B. MAJOR FLARES ARE NOT EXPECTED.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD APRIL 21-23 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 21-23 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 505B ISSUED AT 2300Z
APRIL 20 1967

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. A POSSIBLE
IMPORTANCE ONE FLARE AT ABOUT 2124Z OCCURRED NEAR N24
E28. IT WAS CALLED A SUBFLARE BY ANOTHER OBSERVATORY.

~~NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED TODAY.~~

B. MAJOR FLARES ARE NOT EXPECTED.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD APRIL 21-23 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 80/85/85

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 21-23 ARE 127/128/129

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 21.
TODAY IT WILL BE ABOUT 8. THE PREDICTED AP VALUES FOR
APRIL 21-23 ARE 7/5/5

BT