

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 484A ISSUED AT 1700Z

MARCH 30 1967

A. AN IMPORTANCE TWO FLARE OCCURRED AT ABOUT 0845Z TODAY IN THE REGION NOW AT N20W44. IT PRODUCED XRAYS OBSERVED IONOSPHERICALLY AS WELL AS BY SATELLITE. MINOR GROWTH AND SOME REORGANIZATION HAS OCCURRED IN THE CENTRAL SPOT GROUP IN THIS REGION AND THE REGION HAS INCREASED IN EMISSION AT 9.1 CM. THE SPOT GROUP AT S21W53 HAS ALSO GROWN SLIGHTLY AND 9.1 CM EMISSION HAS ALSO INCREASED FROM THIS REGION. TWO IMPORTANCE ONE FLARES HAVE BEEN REPORTED FROM IT TODAY. THE SPOT GROUP AT S20E12 NOW APPEARS TO BE DECLINING.

B. MAJOR FLARES ARE EXPECTED FROM THE REGIONS AT N20W44 AND TO A LESSER EXTENT S21W53.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 31-APRIL 02 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 60/50/25
IMPORTANCE THREE OR GREATER 15/10/5
PROTON EVENTS 5/5/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 175.
PREDICTED VALUES FOR MARCH 31-APRIL 02 ARE 173/170/160.

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

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 484B ISSUED AT 2300Z

MARCH 30 1967

A. NO SIGNIFICANT FLARES HAVE BEEN REPORTED SINCE 1700Z TODAY. AT ABOUT 1930Z MODERATE RADIO EMISSION AND IONOSPHERIC EVENTS OCCURRED HOWEVER NO OPTICAL FLARE HAS BEEN REPORTED ASSOCIATED WITH THEM. NO IMPORTANT CHANGES HAVE BEEN REPORTED IN ANY OF THE VISIBLE REGIONS.

B. MAJOR FLARES ARE LIKELY FROM THE NORTHWEST REGION FOR TWO MORE DAYS. THE LOCATION WHICH HAS BEEN THE SOURCE OF MOST OF THE FLARE ACTIVITY IN THIS REGION WILL PASS OVER WEST LIMB BY APRIL 2. IMPORTANCE TWO FLARES ARE POSSIBLE FROM THE REGION NEAR S21W57 HOWEVER THIS REGION WILL ALSO PASS OVER WEST LIMB BEFORE APRIL 2.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 31-APRIL 02 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 60/50/25

IMPORTANCE THREE OR GREATER 15/10/5

PROTON EVENTS 5/5/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS 176. THE PREDICTED VALUES FOR MARCH 31-APRIL 02 ARE 173/170/160.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS

6. TODAY IT WILL BE ABOUT 8. THE PREDICTED VALUES FOR MARCH 31-APRIL 02, ARE 8/12/8.

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