

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 454A ISSUED AT 1700Z

FEBRUARY 28 1967

A. FURTHER INCREASE IN SOLAR ACTIVITY IS EXPECTED DUE TO THE DEVELOPMENT OF A SPOT GROUP AT ABOUT N14 E15. THE GROUP IS CLASS D CONTAINING ABOUT 45 SPOTS. ALTHOUGH NO FLARES HAVE YET BEEN REPORTED FROM THE REGION IT HAS THE APPEARANCE OF A POTENTIAL FLARE PRODUCER. THE STRUCTURE OF THE VERY LARGE SPOT GROUP AT N23 E20 MAY HAVE SIMPLIFIED SLIGHTLY BUT THERE ARE NO SIGNIFICANT CHANGES. MAJOR FLARES ARE STILL EXPECTED FROM IT. THE LARGEST FLARE REPORTED FROM IT SO FAR TODAY WAS AN IMPORTANCE ONE AT ABOUT 1603Z. THE SPOT GROUP AT S23 E60 ALSO APPEARS TO BE A POTENTIAL FLARE PRODUCER BUT NO FLARES HAVE BEEN REPORTED FROM IT SO FAR.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 1-3 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 75/75/75
IMPORTANCE THREE OR GREATER 30/30/30
PROTON EVENTS 30/30/30

C. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 185. THE PREDICTED VALUES FOR MARCH 1-3 ARE 188/190/190

D. THE FREDERICKSBURG MAGNETIC A INDEX INFORMATION WILL BE INCLUDED ON THE 2300Z FORECAST.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

ADVBO ALCON 280302

SPACE DISTURBANCE FORECAST NUMBER 454B ISSUED AT 2300Z

FEBRUARY 28 1967

- A. THE SPOT GROUP AT ABOUT N14 E11 CONTINUES TO INCREASE IN AREA AND COMPLEXITY. IT PRODUCED AN IMPORTANCE ONE FLARE AT 2025Z AS WELL AS SUBFLARES. THIS SPOT GROUP LOOKS VERY SIMILAR TO THE EARLY STAGES OF THE PROTON PRODUCING REGION OF LAST JULY. THE SPOT GROUP AT S22 E55 HAS ALSO GROWN AND MAY DEVELOP INTO A MAJOR FLARE PRODUCING REGION. THERE HAS BEEN A LULL IN FLARE PRODUCTION FROM THE VERY LARGE SPOT GROUP AT N22 W22 CMMA THE LAST FLARE BEING AN IMPORTANCE ONE AT 1603Z TODAY. MAJOR FLARES ARE STILL EXPECTED FROM IT.
- B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MARCH 1-3 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 75/75/75
IMPORTANCE THREE OR GREATER 25/25/25
PROTON EVENTS 20/20/20
- C. THE OTTAWA 10.7 CM FLUX TODAY IS 190. THE PREDICTED VALUES FOR MARCH 1-3 ARE 194/198/200
- D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 2. THE PREDICTED VALUES FOR MARCH 1-3 -43 40/20/10
- BT