

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 459A ISSUED AT 1700Z

FEBRUARY 24 1967

A. CONTINUED MAJOR FLARE PRODUCTION MAY BE EXPECTED FROM THE REGION AT N22 E33. AN IMPORTANCE TWO FLARE AT ABOUT 0715Z TODAY WAS REPORTED BY WENDELSTEIN AND SEVERAL LESSER FLARES HAVE OCCURRED SINCE THEN. SACRAMENTO PEAK REPORTED POSSIBLE LOOPS BEGINNING AT 1625Z IN THE SOUTHWEST PORTION OF THE REGION. MOST OF THE FLARES HAVE BEEN ACCCOMPANIED BY RADIO EMISSION AND IONOSPHERIC EFFECTS. THE SPOT GROUP CONTAINS AT LEAST TWO MAGNETIC DELTA CONFIGURATIONS AND ITS VISUAL APPEARANCE IS EXTREMELY COMPLEX WITH AREA ABOUT 1400 MILLIONTHS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 25-27 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 95/95/95

IMPORTANCE THREE OR GREATER 35/35/35

PROTON EVENTS 35/35/35

C. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 163.

THE PREDICTED VALUES FOR FEBRUARY 25-27 ARE 168/172/174

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

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