

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 440A ISSUED 1700Z

FEBRUARY 14 1967

A. OVERALL SOLAR ACTIVITY SHOULD CONTINUE TO DECLINE WITH THE PASSAGE OF REGIONS OVER THE NORTHWEST LIMB. THE SACRAMENTO PEAK OBSERVATORY FILM REVIEW HAS CONFIRMED THEIR ESTIMATE OF YESTERDAYS MAJOR FLARE AS IMPORTANCE 4B WITH BEGINNING TIME 1746 AND MAX. TIME 1815.

THERE HAS BEEN NO CLEAR EVIDENCE OF PROTONS FROM THE FLARE AND NONE ARE EXPECTED. THE SUNSPOT GROUPS OBSERVED NEAR THE FLARE LOCATION YESTERDAY ARE NO LONGER VISIBLE AND THE REGION IS NOT CONSIDERED LIKELY TO PRODUCE FURTHER FLARES ACTIVITY. A CLASS J SPOT GROUP WITH AREA ABOUT 100 MILLIONTHS IS NOW VISIBLE AT N21E85. THIS REGION DOES NOT APPEAR TO BE ACTIVE. A LOOP TYPE PROMINENCE WAS REPORTED EARLY TODAY AT N01 EAST LIMB. NO ADDITIONAL INFORMATION REGARDING THIS LOCATION HAS BEEN RECEIVED.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 15-17 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 5/1/1

C. THE OTTAWA 10CM IS ESTIMATED TO BE 130.

THE PREDICTED VALUES FOR FEBRUARY 15-17 ARE 127/124/124.

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

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

ADVBO ALCON

SPACE DISTURBANCE FORECAST NUMBER 440B ISSUED AT 2300Z

FEBRUARY 14 1967

A. NO SOLAR ACTIVITY HAS BEEN REPORTED SINCE 1700Z TODAY. THE MOST LIKELY SOURCE FOR FLARES IS THE REGION CONTAINING THE SPOT GROUP AT N15 W07. ALTHOUGH STABLE IN AREA THE GROUP HAS CHANGED IN STRUCTURE SINCE YESTERDAY. IT IS NOT LIKELY TO PRODUCE FLARES LARGER THAN IMPORTANCE ONE. THE REGION AT ABOUT N21 E85 STILL APPEARS TO BE INACTIVE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 15-17 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENT 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS 133. THE PREDICTED VALUES FOR FEBRUARY 15-17 ARE 129/127/126

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 3. THE PREDICTED VALUES FOR FEBRUARY 15-17 ARE 45/18/6

BT