

FROM SPACE DISTURBANCE FORECAST CENTER ESSABOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 398A ISSUED 1700Z

JANUARY 3 1966 ⁷

A. SOLAR ACTIVITY IS EXPECTED TO CONTINUE INCREASING AND FLARES OF IMPORTANCE TWO OR GREATER ARE PROBABLE. REGION 31672 (S22W18) CONTINUES TO INCREASE IN AREA AND COMPLEXITY AND HAS PRODUCED NUMEROUS SUBFLARES SINCE THE IMPORTANCE TWO FLARE YESTERDAY. SUNSPOT GROUPS 25818 (N18E40) AND 26069 (S19E38) ARE REPORTED TO BE DEVELOPING AND ARE BOTH CLASS D. A NEW CLASS D SPOT GROUP HAS DEVELOPED TODAY NEAR N15W15 /HP31415/. A CLASS J SPOT GROUP JUST OVER NORTHEAST LIMB IS PROBABLY RELATED TO A REGION EXPECTED TO RETURN TODAY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 4-6 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 75/80/80

IMPORTANCE THREE OR GREATER 15/20/20

PROTON EVENTS 2/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 158.

PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 4-6 ARE

166/171/174.

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

MIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 398B ISSUED 2300Z

JANUARY 03 1966

A. SOLAR ACTIVITY CONTINUES TO INCREASE AND THE PROBABILITY IS HIGH FOR THE OCCURRENCE OF IMPORTANCE TWO OR GREATER.

THE AREA OF SUNSPOT GROUP 31672 NOW EXCEEDS 800 MILLIONTHS AND IT CONTAINS A WEAK DELTA MAGNETIC CONFIGURATION. AN IMPORTANCE ONE FLARE OCCURRED THERE AT 1750Z TODAY AND IT HAS PRODUCED MANY SUBFLARES. ANOTHER IMPORTANCE ONE FLARE OCCURRED IN REGION 27618 AT 1132Z TODAY. REGION 27618 (N18E23) CONTAINS A BETA GAMMA SPOT GROUP CLASS C AREA 160 MILLIONTHS. THE MODERATE SIZED SUNSPOT GROUP 26307 (N07E36) IS ALSO REPORTED TO BE BETA GAMMA. THE CLASS J SPOT GROUP 21833 (N33E81) IS REPORTED TO BE INTERESTING AND DESERVING OF A CLOSE WATCH.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 4-6 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS.

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 75/80/80

IMPORTANCE THREE OR GREATER 15/20/20

PROTON EVENTS 5/5/10

C. THE OTTAWA 10.7 CM FLUX TODAY IS 159. PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 4-6 ARE 166/171/174.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 5. TODAY IT WILL BE ABOUT 7. THE PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 4-6 ARE 6/6/6.

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