

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 393A ISSUED 1700Z

DECEMBER 29 1966

A. SOLAR ACTIVITY MAY INCREASE SLOWLY FROM ITS PRESENT LOW LEVEL AS RETURNING REGIONAS APPEAR AT E LIMB DURING THE NEXT THREE DAYS. A NEW SMALL SUNSPOT GROUP HAS FORMED AT S23W38. ALL OTHER REGIONS CONTINUE TO DECLINE AND A SMALL REGION IS PASSING OVER NW LIMB TODAY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 30-JANUARY 01 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 80/85/90

IMPORTANCE TWO OR GREATER 2/5/5

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 111. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 30-JANUARY 01 ARE 113/115/118.

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

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 393B ISSUED 2300Z

DECEMBER 29 1966

A. SOLAR ACTIVITY IS INCREASING WITH THE RETURN OF AN ACTIVE REGION AT ABOUT N18 E LIMB AND THE BIRTH OF NEW REGIONS SE AND SW. THERE IS MODERATE GREEN CORONA AND FAINT YELLOW CORONA AT NE LIMB. A SMALL SUNSPOT IS ACCCOMPANIED BY A BRIGHT COMPACT PLAGUE AT S23E42. GROWTH IS EXPECTED HERE AND IN THE NEW REGION AT S23W40. THE FLARE REPORTED YESTERDAY AT 1804Z IN THE REGION AT N24W62 WAS MEASURED AS A BRIGHT IMPORTANCE TWO FLARE ON FILM REVIEW AT SACRAMENTO PEAK. MAXIMUM BRIGHTNESS WAS ATTAINED AT 1800Z.

B. B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 30-JANUARY 1 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 90/95/100

IMPORTANCE TWO OR GREATER 5/5/10

IMPORTANCE THREE OR GREATER 0/0/1

PROTON EVENTS 0/0/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS 113. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 30-JANUARY 01 ARE 115/118/121.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 10. TODAY IT WILL BE ABOUT 8. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 30-JANUARY 01 ARE 4/9/9.

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