

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 425A ISSUED AT 1700Z

JANUARY 30 1967

A. THE CM LONGITUDE AT 1700Z IS 302 DEGREES. BRIGHT YELLOW CORONA CMMA LIMB SURGES CMMA AND POSSIBLE SMALL LOOP PROMINENCES AT NORTHEAST LIMB INDICATE THE PRESENCE OF AN AN ACTIVE REGION. THE REGION IS LOCATED IN THE PRESISTENTLY ACTIVE LONGITUDES AND MAY BE THE SITE OF IMPORTANCE FLARES. THE INCREASE IN SOLAR ACTIVITY DUE TO RETURNING ACTIVE CENTERS WILL BE PARTIALLY OFFSET BY THE LOSS OVER THE NEXT THREE DAYS OF REGIONS IN THE NORTHWEST.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 31-FEBRUARY 2 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/50/60

IMPORTANCE THREE OR GREATER 5/10/15

PROTON EVENTS 10/15/15

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 165. THE PREDICTED VALUES FOR JANUARY 31- FEBRUART 2 ARE 170/174/178.

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

BT

RR DAA

DE BOU 302322Z

THIS IS THE MSG FOR REFILE ADVBO ALCON SOFLARE EXPE CTED
NORTHEAST LIMB

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 425B ISSUED AT 2300Z
JANUARY 30 1967.

A. LONGITUDE OF CM IS 298 AT 2300Z. A VERY IMPRESSIVE
CORONAL REGION IS REPORTED AT NE LIMB APPARENTLY ASSOCIATED
WITH A PLAGE WHICH IS ONLY JUST VISIBLE ON THE LIMB.

PIONEER AND LUNAR ORBITER SATELLITES CONTINUE TO
REPORT A HIGH FLUX OF ENERGETIC PROTONS CMMA PERHAPS
EXCEEDING THE EVENT OF SEPTEMBER 2, 1966. CONSIDERABLE
ACTIVITY IS LIKELY AS THE NE REGION BECOMES VISIBLE.

A NEAR CLASS J SPOT GROUP IS VISIBLE TODAY AT S15 E82. THE
REMAINING VISIBLE REGIONS ARE GENERALLY STABLE OR DECLINING
AND HAVE PRODUCED NO SIGNIFICANT ACTIVITY TODAY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD JANUARY 31-FEB 2 ARE AS FOLLOWS /FIGURES
ARE PERCENTAGES FOR EACH OF THE THREE DAYS-

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/50/60

IMPORTANCE THREE OR GREATER 5/10/20

PROTON EVENTS 15/20/25

C. THE OTTAWA 10.7 CM FLUX TODAY IS 164. THE PREDICTED VALUES
FOR JANUARY 31-FEB 2 ARE 171/176/184.

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 3.
TODAY IT WILL BE ABOUT 3. THE PREDICTED VALUES FOR JANUARY 31-
FEB 2 ARE 14/7/7.

BT