

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 428A ISSUED AT 1700Z
FEBRUARY 2 1967

A. THE LONGITUDE OF CM AT 1700 IS 262 DEGREES. NONE OF THE
REPORTED SOLAR PARAMETERS INDICATE LIKELY MAJOR FLARE ACTIVITY,
HOWEVER AN IMPORTANCE TWO FLARE WAS REPORTED TODAY AT 0152Z
IN REGION 22028 IN THE NE. A MODERATELY STRONG RADIO
FLARE WAS REPORTED YESTERDAY AT 2305Z ACCOMPANIED BY A MODERATE
SHORT WAVE FADEOUT. NO OPTICAL FLARE HAS BEEN REPORTED FOR THIS
TIME. NO SIGNIFICANT CHANGES ARE EXPECTED IN THE REGIONS
NOW VISIBLE AND NO REGIONS ARE EXPECTED TO RETURN DURING
THE FORECAST PERIOD.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD FEBRUARY 3-5 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 15/15/15
IMPORTANCE THREE OR GREATER 2/2/2
PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX IS EXPECTED TO BE ABOUT 146 TODAY.
THE PREDICTED VALUES FOR FEBRUARY 3-5 ARE 145/142/139.

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 428B ISSUED AT 2300Z

FEBRUARY 2 1967

A. THE LONGITUDE OF CM AT 2300Z IS 259 DEGREES. A SLOW DECREASE IN SOLAR ACTIVITY IS EXPECTED DURING THE FORECAST PERIOD. SOME CHANCE OF MAJOR FLARE ACTIVITY EXISTS DUE TO THE REGIONS NOW AT N27 E42 AND N14 E61. BOTH APPEAR NOW AS SLOWLY VARYING OLD REGIONS WHICH WERE PROBABLY MORE ACTIVE WHILE ON THE INVISIBLE HEMISPHERE. MINOR FLARE ACTIVITY FOR THE PAST FEW DAYS HAS BEEN CONCENTRATED IN THE N27 E42 REGION. THE HOT CONRONA NEAR THIS LOCATION DURING EAST LIMB PASSAGE ALSO INDICATES POTENTIAL FOR IMPORTANT FLARES. IT IS CUSTOMARY FOR SUCH REGIONS TO FLARE ONLY EVERY FEW DAYS. ~~THE~~ N14 E61 REGION ~~IN RECENT MONTHS~~ WHICH FLARES ONLY TWO OR THREE DAYS OF EACH OF ITS DISK PASSAGES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 3-5 ARE AS FOLLOWS /FIGURES ARE

PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE ^{TWO} ~~ONE~~ OR GREATER 15/15/15

IMPORTANCE THREE FLARES 2/2/2

PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS 148. THE PREDICTED VALUES FOR FEBRUARY 3-5 ARE 145/142/139

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS

3. TODAY IT WILL BE ABOUT 1. THE PREDICTED VALUES FOR FEBRUARY 3-5 ARE 4/12/10

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