

NNNNUUV

PP KGFF

DE BOU 210500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 596C ISSUED AT 0500Z

JULY 21, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

NNNNUV

PP KGFF

DC BOU 211100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 596D ISSUED AT 1100Z

JULY 21 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 597A ISSUED AT 1700Z

JULY 21 1967

MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY DURING THE NEXT 12 HOURS.

A. THE REGIONS IN THE SOUTHEAST QUADRANT CONTINUE TO PRODUCE MINOR FLARES. THE SPOT GROUPS THERE ARE SMALL AND ESSENTIALLY UNCHANGED EXCEPT THAT A NEW SMALL GROUP HAS DEVELOPED AT S07 E39. A REGION NOW BEING ROTATED OVER THE NORTHEAST LIMB POSSESSES A MODERATELY LARGE LEADING SPOT AT ABOUT N25. ADDITIONAL SPOTS ARE VISIBLE FOLLOWING IT AND THE GROUP MAY BE RELATIVELY COMPLEX. BRIGHT FACULAE APPEARS TO EXTEND OVER THE LIMB. SMALL LIMB FLARES AND SURGES HAVE BEEN OBSERVED THERE AND THERE IS CORONAL ACTIVITY.

B. MAJOR FLARES ARE POSSIBLE BUT NOT YET EXPECTED FROM THE NORTHEAST LIMB REGION. EVALUATION OF THE REGION WILL IMPROVE AS IT IS ROTATED MORE FULLY INTO VIEW. CONTINUED MINOR FLARES ARE EXPECTED FROM THE REGIONS IN THE SOUTHEAST QUADRANT

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 22-24 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 1/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 138.

THE PREDICTED VALUES FOR JULY 22-24 ARE 145/148/150

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 597B ISSUED AT 2300Z

JULY 21 1967

MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY DURING THE NEXT 12 HOURS.

- A. MINOR FLARES CONTINUE IN THE REGIONS AT N25 EL AND THE SOUTHEAST QUADRANT. THE SPOT GROUP AT NORTHEAST LIMB IS ESTIMATED TO BE CLASS/AREA C/330 HOWEVER MORE OF THE GROUP IS EXPECTED TO APPEAR OVER THE LIMB. POSSIBLE LOOP PROMINENCES WERE REPORTED IN THIS REGION EARLIER TODAY. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN THE SOUTHEAST QUADRANT. ALL OTHER REGIONS ARE SMALL AND INACTIVE.
- B. MAJOR FLARES ARE POSSIBLE FROM THE NORTHEAST LIMB REGION HOWEVER CURRENT ACTIVITY IS MINOR. ONLY SMALL FLARES ARE EXPECTED FROM THE SOUTHERN REGIONS.

- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 22-24 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 1/2/2

PROTON EVENTS 1/1/1

- D. THE OTTAWA 10.7 CM FLUX TODAY IS 136. THE PREDICTED VALUES FOR JULY 22-24 ARE 145/148/150

- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 5. TODAY IT WILL BE ABOUT 6. THE PREDICTED AP RANGES FOR JULY 22-24 ARE

3-15/15-20/8-15

BT