

NNNNUUV

PP KGFF

DE BOU 201700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 595C ISSUED AT 0500Z
JULY 20, 1967.

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

BT

NNNNUUV

PP KGFF

DE BOU 201100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 595D ISSUED AT 1100Z

JULY 20 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

DE BOU 201645Z

JUL 20 18 57 70

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER, COLO
SPACE DISTURBANCE FORECAST NUMBER 596A ISSUED AT 1700Z
JULY 20 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. FLARE ACTIVITY HAS INCREASED FROM A REGION CONTAINING
A SPOT GROUP AT S21 E42. TWO IMPORTANCE ONE FLARES AND
ONE IMPORTANCE TWO FLARE HAVE BEEN REPORTED HERE SINCE
0547Z. THIS REGION CONTAINS A MODERATELY BRIGHT PLAGE
BUT THE SPOT GROUP IS VERY SMALL. SURGE AND PRO^{minence} P/S
ACTIVITY HAS BEEN REPORTED AT N30 E LIMB AND A REGION
IS EXPECTED TO RETURN HERE ON JULY 21.

*be more
careful*

B. MAJOR FLARES ARE UNLIKELY. SIGNIFICANT FLARE ACTIVITY
IS NOT EXPECTED FROM THE REGION NOW NEAR NE LIMP.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 21-23 ARE AS FOLLOWS /FIGURES ARE

PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 5/5/5

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 131.
THE PREDICTED VALUES FOR JULY 21-23 ARE 132/133/136.

R4481***ESSA

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 596A ISSUED AT 1700Z
JULY 20 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. FLARE ACTIVITY HAS INCREASED FROM A REGION CONTAINING A SPOT GROUP AT S21 E42. TWO IMPORTANCE ONE FLARES AND ONE IMPORTANCE TWO FLARE HAVE BEEN REPORTED HERE SINCE 0547Z. THIS REGION CONTAINS A MODERATELY BRIGHT PLAGE BUT THE SPOT GROUP IS VERY SMALL. SURGE AND PROMINENCE ACTIVITY HAS BEEN REPORTED AT N30 E LIMB AND A REGION IS EXPECTED TO RETURN HERE ON JULY 21.

B. MAJOR FLARES ARE UNLIKELY. SIGNIFICANT FLARE ACTIVITY IS NOT EXPECTED FROM THE REGION NOW NEAR NE LIMB.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 21-23 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 95/95/95
IMPORTANCE TWO OR GREATER 5/5/5
IMPORTANCE THREE OR GREATER 1/1/1
PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 131. THE PREDICTED VALUES FOR JULY 21-23 ARE 132/133/136
BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 596B ISSUED AT 2300Z

JULY 20, 1967.

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

- A. ADDITIONAL MINOR FLARES HAVE BEEN REPORTED FROM THE REGIONS IN THE SOUTHEAST, THOUGH NONE SINCE 1700Z. MINOR FLARES AND MINOR PROMINENCE ACTIVITY HAVE ALSO BEEN REPORTED AT ABOUT N20E LIMB ASSOCIATED WITH THE RETURNING REGION.
- B. MINOR FLARES ARE EXPECTED FROM THE SOUTHEAST QUADRANT AND THE NORTHEAST LIMB.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 21-23 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 131.

THE PREDICTED VALUES FOR JULY 21-23 ARE 134/137/137

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 3. TODAY IT WILL BE ABOUT 04. THE PREDICTED AP RANGES FOR JULY 21-23 ARE ALL UNDER 10.

BT