

NNNNUUV

PP KGFF

DE BOU 260500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 601C ISSUED AT 0500Z

JULY 26 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

UVV

PP KGFF

DE BOU 261100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 601D ISSUED AT 1100Z

JULY 26 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 602A ISSUED AT 1700Z

JULY 26 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. THE REGION AT N27 E 26 HAS PRODUCED SIX IMPORTANCE ONE FLARES TODAY AT 0100Z 0107Z 0225Z 0654Z 1344Z AND 1539Z. THE SPOT GROUP IN THIS REGION CONTINUES TO DEVELOP AND THE PLAGE IS LARGE AND BRIGHT. THE REGION AT N14 E42 HAS PRODUCED ONLY ONE IMPORTANCE ONE FLARE TODAY AT 1403Z. THIS FLARE WAS ACCCOMPANIED BY SATELLITE DETECTED X-RAYS. THE SPOT GROUP IN THIS REGION APPEARS STABLE. NO ACTIVITY HAS BEEN REPORTED FROM ANY OF THE OTHER REGIONS.

B. MAJOR FLARES ARE EXPECTED FROM THE REGION AT N27 E26 DURING THE NEXT 12 HOURS. THE REGION AT N14 E42 APPEARS CAPABLE OF MAJOR FLARE PRODUCTION DURING THE NEXT THREE DAYS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 27-29 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 80/80/80

IMPORTANCE THREE OR GREATER 30/30/30

PROTON EVENTS 20/20/20

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 195.

THE PREDICTED VALUES FOR JULY 27-29 ARE 188/190/190

[BT]

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 602B ISSUED AT 1700Z
JULY 26, 1967

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. NO FLARES AS LARGE AS IMPORTANCE ONE HAVE BEEN REPORTED SINCE 1700Z TODAY. POOR WEATHER AT SEVERAL OBSERVATORIES HAS LIMITED OBSERVATIONS. THE SPOT GROUPS N27E26 REMAINS CLASS/AREA F/1400 WITH A SIMPLE BIPOLAR MAGNETIC CONFIGURATION. THE REGION AT N14W42 REMAINS LARGE AND STABLE. A NEW SPOT GROUP HAS FORMED DURING THE DAY NEAR N17E58 IN CLOSE PROXIMITY TO THREE OTHER SPOT GROUPS. NO CHANGES HAVE BEEN REPORTED IN ANY OF THE OTHER REGIONS.

B. MAJOR FLARES ARE EXPECTED FROM THE REGION AT N27E26 DURING THE NEXT 12 HOURS. MAJOR FLARES ARE POSSIBLE FROM THE REGION AT N14W42 DURING THE FORECAST PERIOD.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 27-29 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 80/80/80

IMPORTANCE THREE OR GREATER 30/30/30

PROTON EVENTS 20/20/20

D. THE OTTAWA 10.7 CM FLUX TODAY IS 194. THE PREDICTED VALUES FOR JULY 27-29 ARE 188/190/190

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 9. TODAY IT WILL BE ABOUT 6. THE PREDICTED AP RANGES FOR JULY 27-29 ARE 8-15 EACH DAY.

BT