

-NNNNUUV

PP KGFF

DE BOU 030500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 578C ISSUED AT 0500Z

JUL 03 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

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PP KGFF

DE BOU 031100Z

HERE IS THE MSG FOR PFILE.

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 578D ISSUED AT 1100Z

JULY 03, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 579A ISSUED AT 1700Z
JULY 23 1967.

ONLY MINOR FLARES EXPECTED DURING THE NEXT 12 HOURS.

- A. SOLAR ACTIVITY HAS INCREASED DUE TO GROWTH IN TWO REGIONS AND THE APPEARANCE OF NEW REGIONS AT NORTHEAST LIMB. THE REGION AT S21 E06 CONTINUES TO GROW AND IS NOW CLASS/AREA D/200. IT PRODUCED AN IMPORTANCE ONE BRIGHT FLARE TODAY AT 0749Z WHICH WAS ACCCOMPANIED BY SMALL IONOSPHERIC AND RADIO EFFECTS. ANOTHER REGION AT N16 W66 WHICH WAS BORN ON THE DISK YESTERDAY HAS GROWN TO CLASS/AREA C/30 TODAY. ITS PLAGE IS VERY BRIGHT AND COMPACT. THE REMAINING VISIBLE REGIONS ARE ESSENTIALLY UNCHANGED.
- B. MINOR FLARE PRODUCTION SHOULD INCREASE FROM THE REGIONS AT S21 E06 AND N16 W66. THE PROBABILITY OF MAJOR FLARES MAY INCREASE DURING THE NEXT THREE DAYS.
- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 24-26 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 10/30/30
IMPORTANCE THREE OR GREATER 1/5/5
PROTON EVENTS 1/1/1
- D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 124. THE PREDICTED VALUES FOR JULY 24-26 ARE 127/129/129.

BT

DE BOU 032300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 579B ISSUED AT 2300Z

JULY 3, 1967.

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED SINCE THE 1700Z FORECAST. THE REGIONS AT S21E06 AND N16W66 REMAIN THE MOST INTERESTING FEATURES ON THE DISK AS BOTH APPEAR CAPABLE OF FURTHER GROWTH. TWO SPOT GROUPS ARE NOW VISIBLE ON THE NORTHEAST LIMB AT N23 E80 AND N17E83. ONLY MINOR LIMB ACTIVITY HAS BEEN REPORTED FROM THIS REGION. NO CHANGES HAVE BEEN OBSERVED IN ANY OF THE OTHER VISIBLE REGIONS.

B. THE PROBABILITY OF MAJOR FLARES MAY INCREASE AS THE REGION AT S21E06 CONTINUES TO DEVELOP.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 4-6 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/30/30

IMPORTANCE THREE OR GREATER 1/5/5

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 125. THE PREDICTED VALUES FOR JULY 4-6 ARE 127/129/129.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 87. TODAY IT WILL BE ABOUT 3. THE PREDICTED AP RANGES FOR JULY 4-6 ARE ALL UNDER 13.