

NNNNUUU

PP KGFF

DE BOU 040500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 579B ISSUED AT 0500Z

JULY 04 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

NNNNUUUV

PP KGFF

DE BOU 241100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 579D ISSUED AT 1100Z

JULY 04 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

PP KGFF

DE BOU 041655Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 580A ISSUED AT 1700Z
JULY 4, 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING NEXT 12 HOURS.

A. SOLAR FLARE ACTIVITY HAS INCREASED AS THE REGION AT
S17W08 CONTINUES TO DEVELOPE. THIS REGION HAS PRODUCED
FREQUENT IMPORTANCE ONE FLARES TODAY WHICH WERE ACCOM-
PANIED BY SMALL IONOSPHERIC AND RADIO EFFECTS. THE RE-
GION AT N14 W71 STILL CONTAINS A BRIGHT COMPACT PLAGE
BUT HAS NOT BEEN FLARE ACTIVE TODAY. IT WILL ROTATE OFF
WEST LIMB TOMORROW. NO CHANGES OR ACTIVITY HAS BEEN RE-
PORTED FROM ANY OF THE OTHER VISIBLE REGIONS.

B. MINOR FLARE ACTIVITY SHOULD CONTINUE FROM THE REGION
AT S17 W08. MAJOR FLARES BECOME MORE LIKELY AS THIS RE-
GION CONTINUES TO DEVELOPE AND PRODUCE ACTIVITY.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 05-07 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/40/60

IMPORTANCE THREE OR GREATER 5/5/10

PROTON EVENTS 2/2/2

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 123.
THE PREDICTED VALUES FOR JULY 05-07 ARE 124/125/126.

BT

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 580B ISSUED AT 2300Z
JULY 4, 1967.

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE
NEXT 12 HOURS

A. SEVEN IMPORTANCE ONE FLARES HAVE BEEN REPORTED FROM
THE REGION AT S22W07 TODAY. FOUR OF THESE FLARES AT 0643Z,
0941Z, 1019Z, AND 1713Z WERE

ACCOMPANIED BY SMALL IONOSPHERIC AND RADIO EFFECTS. THE SPOT GROUP
IN THIS REGION CONTINUES TO DEVELOP AND ITS CONFIGURATION APPEARS
MORE COMPLEX. ALL OF THE OTHER REGIONS REMAIN UNCHANGED.

B. THE REGION AT S22W07 APPEARS CAPABLE OF MAJOR FLARE
PRODUCTION. THE PROBABILITY OF MAJOR FLARES WILL CONTINUE TO INCREASE
AS THIS REGION DEVELOPS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 5-7 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/40/60

IMPORTANCE THREE OR GREATER 5/5/10

PROTON EVENTS 2/2/2

D. THE OTTAWA 10.7 CM FLUX TODAY IS 123. THE PREDICTED
VALUES FOR JULY 5-7 ARE 124/125/126.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 3.
TODAY IT WILL BE ABOUT 7. THE PREDICTED AP RANGES FOR
JULY 5-7 ARE ALL UNDER 10.

BT