

NNNNUV

PP KGFF

DE BOU 170000Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 778B ISSUED 0000Z JAN 17 1968

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

A. PROMINENCE ACTIVITY AND ENHANCED GREEN AND YELLOW LINE CORONA
NEAR S20EL INDICATE THE POSSIBLE PRESENCE OF AN ACTIVE REGION
BEYOND THE LIMB. MODERATELY STRONG IONOSPHERIC EFFECTS AT 1902Z
TODAY RESULTED FROM A SURGE/FLARE EVENT NEAR N10WL IN THE ACTIVE
CENTER NOW PASSING WEST LIMB. A SLIGHT MAGNETIC DISTURBANCE BEGAN
AT 1556Z AND IS STILL IN PROGRESS.

B. EVALUATION OF THE ACTIVITY AT THE SE LIMB MUST AWAIT RECEIPT OF
MORE COMPLETE INFORMATION.

SECTIONS C AND D ARE UNCHANGED.

E. MAGNETIC A-FREDERICKSBURG FOR JAN 15 IS 8, FOR JAN 16 ABOUT 9.
PREDICTED AP 20-25/15-20/8-12.

BT

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NNNNUV
PP, KGFF
DE BOU 171800Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF 779A ISSUED 1800Z JANUARY 17 1968
MAJOR FLARES POSSIBLE BUT NOT PROBABLE DURING THE NEXT 12 HOURS
A. THE ACTIVE REGION IN THE SE HAS PARTIALLY ROTATED ONTO THE
DISK WITH AN IMPORTANCE 1B FLARE ACCCOMPANIED BY LOOPS AT 1228Z.
THIS REGION APPEARS TO BE A NEWLY DEVELOPED AREA WHICH EVOLVED
FROM REGIONS WHICH PASSED OFF THE WEST LIMB ON 3 AND 6 JAN.
THIS REGION HAS NOT YET BEEN FULLY EVALUATED OPTICALLY AS IT
IS NOT COMPLETELY ON THE DISK. THE ACTIVE REGIONS IN THE NW
QUADRANT HAVE WEAKENED ALTHOUGH A 1B FLARE WAS OBSERVED NEAR
N13°W90° AT 0530Z
B. THE SE REGIONS AT E35 AND E85 ARE EXPECTED TO BE THE
MOST ACTIVE DURING THE NEXT 3 DAYS WITH MAJOR FLARE PROBABILITIES
STEADILY INCREASING.

FORECAST PERIOD JANUARY 18-20

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 40/45/55
IMPORTANCE THREE OR GREATER 5/5/10
PROTON EVENTS 5/5/5
D. THE OTTAWA 10.7 CM FLUX TODAY 163. PREDICTED 165/170/175
BT