

ESSA/SPACE DISTURBANCE
FORECAST CENTER

DEC 28 04 54 67

UUV
PP KGFF
DE ECU 280500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 757C ISSUED 0500Z 28 DECEMBER 1967
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS
BT

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NNNNUUU

PP KGFF

DE BOU 281100Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 757D ISSUED 1100Z 28 DECEMBER 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

NNNNUUUV
PP KGFF
DE BCU 281740Z
PLS REFILE DISREGARD FIRST FORECAST ISSUED

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF 758A ISSUED 1700Z DECEMBER 28 1967
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS
A. DURING THE PAST 12 HOURS SEVERAL FLARES OF IMPORTANCE ONE
AND SMALLER HAVE BEEN REPORTED FROM THE ACTIVE CENTERS NEAR
S15 W17 AND S15 E41. ADDITIONAL GROWTH AND REORGANIZATION
HAS BEEN REPORTED IN THE S15 W17 SPOT GROUP AND THE H-
PLAGE REMAINS COMPLEX WITH SEVERAL BRIGHT POINTS. NO
SIGNIFICANT CHANGES HAVE BEEN REPORTED IN THE S15 E41 AND
OTHER VISIBLE REGIONS. MODERATELY INTENSE DEKAMETER WAVE-
LENGTH CONTINUUM RADIO EMISSION WAS OBSERVED IN PROGRESS
AT 1423Z IS STILL CONTINUING AT 1700Z. THIS MAY BE RELATED
TO MINOR FLARE ACTIVITY IN THE S15 W17 REGION.
B. MAJOR FLARES ARE EXPECTED FROM THE S15 W17 AND S15 E41
REGIONS.

FORECAST PERIOD DECEMBER 29-31

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 65/65/60
IMPORTANCE THREE OR GREATER 10/10/10
PROTON EVENTS 10/10/10
D. THE OTTAWA 10.7 CM FLUX TODAY 190. PREDICTED 194/196/196
BT

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NNNNUUUV
PP KGFF
DE BOU 282310Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER CCLO
SDF NUMBER 758B ISSUED 2300Z 28 DECEMBER 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. ONLY SUBFLARES HAVE BEEN REPORTED SINCE 1500Z. THE REGIONS
AT S15W20 AND S15E38 REMAIN BRIGHT AND COMPLEX IN STRUCTURE.

NO SIGNIFICANT CHANGES HAVE BEEN REPORTED SINCE SDF 758A.
MODERATE TO STRONG CONTINUUM EMISSION AT DEKAMETER WAVELENGTHS
HAS BEEN OBSERVED FROM 1423Z THROUGH 2250Z AND IS STILL IN
PROGRESS ALTHOUGH GROWING LESS INTENSE WITH TIME.

B. MAJOR FLARES ARE POSSIBLE FROM THE REGIONS AT S15W20
AND S15E38.

FORECASTS FOR DECEMBER 29-31

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 55/55/45

IMPORTANCE THREE OR GREATER 10/7/7

PROTON EVENTS 10/7/7

D. OTTAWA 10.7 CM FLUX TODAY 190. PREDICTED 192/190/185.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 8. TODAY ABOUT 3.
PREDICTED AP ALL UNDER 10.

BT