

UVV
PP KGFF
DE BOU 310500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 760C ISSUED 0500Z DEC 31 1967
MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE NEXT 12 HOURS.
BT

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PP KGFF

DE BOU 311100Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 760D ISSUED 1100Z DEC 31 1967

MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE NEXT 12 HOURS.

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UV
PP KGFF
DE BOU 311705Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 761A ISSUED 1700Z 31 DECEMBER 1967
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
A. IMPORTANCE ONE FLARES AT 0605Z AND 1530Z ARE THE ONLY
SIGNIFICANT SOLAR EVENTS REPORTED TODAY. THE FIRST OCCURRED
AT S20 NEAR WEST LIMB IN A SMALL REGION. THE SECOND OCCURRED
IN A STABLE SMALL REGION AT S28E05. THE LARGE SPOT GROUP AT
S16W55 HAS DECLINED TO 500 MILLIONTHS AREA AND ITS PLAGE APPEARS
LESS ACTIVE. ALL OTHER REGIONS ARE SMALL AND EXHIBIT ONLY MINOR
FLUCTUATIONS IN PLAGE BRIGHTNESS. RADIO FLUX LEVELS ARE DECLINING
SLOWLY.
B. REGIONS AT S16W55 AND S16 CENTRAL MERIDIAN SHOULD CONTINUE
TO PRODUCE ONLY MINOR FLARES. GENERAL SOLAR ACTIVITY IS DECLINING.
NO SIGNIFICANT REGIONS ARE EXPECTED TO RETURN TO EAST LIMB DURING
THE FORECAST PERIOD.

FORECASTS FOR JANUARY 01-03

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 20/20/20
IMPORTANCE THREE OR GREATER 5/5/5
PROTON EVENTS 1/1/1
D. OTTAWA 10.7 CM FLUX TODAY 160. PREDICTED 153/150/140.
BT

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ESSA/SPACE DISTURBANCE
FORECAST CENTER

DEC 31 23 13 67

UVV
PP KGFF

DE BOU 312310Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 761B ISSUED 2300Z DEC 31 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. AN IMPORTANCE ONE FLARE AT 2230Z LACKING IN RADIO OR IONOSPHERIC
EFFECTS IS THE ONLY SIGNIFICANT EVENT SINCE 1530Z. IT OCCURRED IN A
SMALL REGION AT S16W07. SOME MINOR SUNSPOT GROWTH HAS OCCURRED IN
THE GROUP AT S28E01. NO CHANGE IS EVIDENT IN THE OTHER REGIONS. A
SMALL MAGNETIC STORM GRADUALLY COMMENCED AT ABOUT 0500Z AND IS STILL
IN PROGRESS.

B. NONE OF THE REGIONS NOW VISIBLE APPEARS CAPABLE OF A MAJOR FLARE.
FORECASTS FOR JAN 1-3

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 20/15/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 160. PREDICTED 153/150/140.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 11. TODAY ABOUT 33.
PREDICTED AP 10-20/10-20/10-20.

BT