

UUV
PP KGFF
DE BOU 130500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 742C ISSUED 0500Z DEC 13 1967
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
BT

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UUV
PP KGFF
DE BOU 131100Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 742D ISSUED AT 1100Z DEC 13 1967
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS
BT

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 743A ISSUED 1700Z DECEMBER 13 1967

MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT 12 HOURS.

A. FOUR IMPORTANCE ONE FLARES HAVE BEEN REPORTED AT N14W64 AT 0051Z 0334Z 0511Z AND 0851Z. ALL OF THESE FLARES WERE ACCOMPANIED BY MODERATE RADIO EMISSION AND IONOSPHERIC EFFECTS. THE SPOT GROUP IN THIS REGION IS SMALL AND THE PLAGE IS NOT BRIGHT. SUBFLARE ACTIVITY CONTINUES FROM THE REGIONS AT S24W28 AND S16W40. MINOR EAST LIMB ACTIVITY HAS BEEN REPORTED AT N20 AND N30. THIS IS PROBABLY ASSOCIATED WITH A RETURNING REGION EXPECTED TOMORROW. THIS REGION WAS NEW AND MODERATELY ACTIVE AT WEST LIMB PASSAGE. OPTICAL OBSERVATIONS ARE SEVERELY HAMPERED BY POOR WEATHER CONDITIONS AT MANY OBSERVATORIES.

B. MINOR FLARES ARE EXPECTED FROM THE REGIONS AT N14W64 S24W28 S16W40 AND POSSIBLY THE RETURNING REGION AT N20. BASED ON ITS FLARE HISTORY MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED FROM THE N14W64 REGION.

FORECASTS FOR DECEMBER 14-16

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 25/20/20
IMPORTANCE THREE OR GREATER 1/1/1
PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 148. PREDICTED 153/158/164.
BT

NNNNUUUV
PP KGFF
DE BOU 132313Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 742B ISSUED 2300Z DECEMBER 13 1967

MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT 12 HOURS.

A. VERY POOR WEATHER CONDITIONS AT MANY OBSERVATORIES HAS LIMITED VISUAL DATA. A REPORT BY ONE OBSERVATORY OF AN IMPORTANCE TWO FLARE AT 1341Z AT S18 W44 HAS NOT BEEN CONFIRMED BY OTHER OBSERVATIONS. INDIRECT FLARE DETECTIONS INDICATE THAT NO MAJOR EVENTS HAVE OCCURRED TODAY.

B. MINOR ACTIVITY IS EXPECTED FROM THE REGIONS AT
S24 W32 S16W44 AND N14 W68.

FORECASTS FOR DECEMBER 14-16

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 25/20/20
IMPORTANCE THREE OR GREATER 1/1/1
PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 148. PREDICTED 153/158/164.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 04. TODAY ABOUT 03.
PREDICTED AP RANGES 15-20/15-20/10-15.

BT