

UUV  
PP KGFF  
DE BOU 120500Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 741C ISSUED 0500Z DEC 12 1967  
ONLY MINOR FLARES EXPECTED DURING THE NEXT 12 HOURS.  
BT

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UUV

PP KGFF

DE BOU 121100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 741D ISSUED AT 1100Z DECEMBER 12, 1967  
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS  
BT

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UUV  
PP KGFF  
DE BOU 121725Z  
HERE IS THE 1700Z FRCST FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 742A ISSUED 1700Z DECEMBER 12 1967

MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT 12 HOURS.

A. A BRIGHT IMPORTANCE TWO FLARE OCCURRED AT 11/2345Z IN THE REGION NOW NEAR S15W31. THIS FLARE PRODUCED STRONG RADIO EMISSION AT CENTIMETER WAVELENGTHS BUT LITTLE EFFECT AT LONGER WAVELENGTHS. MODERATELY SMALL IONOSPHERIC EFFECTS ACCOMPANIED THE FLARE. NO SIGNIFICANT CHANGE HAS BEEN REPORTED TODAY IN THE S15W31 REGION. A FLARE REPORTED AS BRIGHT IMPORTANCE ONE AT 11/2153Z HAS BEEN UPGRADED TO IMPORTANCE TWO BY ONE OBSERVATORY. THIS FLARE OCCURRED IN THE REGION NOW NEAR N12W57. TODAY THIS REGION APPEARS UNIMPRESSIVE. A SPOT GROUP AT S23W21 HAS GROWN TO D/230. THE HYDROGEN PLAGE THERE IS MODERATELY BRIGHT AND FLUCTUATING.

B. FLARES AS LARGE AS IMPORTANCE ONE ARE EXPECTED FROM THE REGIONS NEAR S15W31 S23W21 AND N13W58. LARGER FLARES ARE POSSIBLE BUT NOT EXPECTED FROM THE TWO SOUTHERN REGIONS.

FORECASTS FOR DECEMBER 13-15

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

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY IS 144. PREDICTED 146/154/160.

BT

NNNNUUUV  
PP KGFF  
DE BOU 122300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 742B ISSUED 2300Z DEC 12 1967

MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT 12 HOURS.

A. ONLY SUBFLARES HAVE BEEN REPORTED SINCE THE IMPORTANCE TWO FLARE  
AT 11/2345Z DISCUSSED IN SDF 742A. NO ADDITIONAL SIGNIFICANT  
CHANGES HAVE BEEN REPORTED IN ANY OF THE VISIBLE SOLAR REGIONS.

B. FLARES AS LARGE AS IMPORTANCE ONE ARE LIKELY FROM THE REGIONS  
NEAR S15W35 AND S23W25. LARGER FLARES ARE POSSIBLE BUT NOT  
CONSIDERED IMMINENT FROM THESE REGIONS. REGIONS DUE TO RETURN TO  
EAST LIMB IN BOTH NORTH AND SOUTH DEC 14-15 SHOULD PRODUCE  
INCREASING 10 CM SOLAR FLUX.

FORECASTS FOR DEC 13-15

IMPORTANCE TWO OR GREATER 20/25/25

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 144. PREDICTED 146/154/160

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 2. TODAY ABOUT 4.

PREDICTED AP UNDER 10/20-25/16-20.

BT