

NNNNUV
PP KGFF
DE BOU 290500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 728C ISSUED 0500Z NOV 29 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS.
BT

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UUV
PP KGFF
DE BOU 291100Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 728D ISSUED AT 1100Z NOVEMBER 29, 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS
BT

NNNUUV
PP KGFF
DE BOU 29/1705Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 729A ISSUED AT 1700Z NOV 29 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. AN IMPORTANCE TWO BRIGHT FLARE WAS REPORTED AT 1200Z AT N24 W70. IT WAS ACCCOMPANIED BY MODERATE RADIO EMISSION. THIS REGION CONTAINS A LARGE BRIGHT PLAGE. THE SPOT GROUP IS LARGE BUT HAS NOT CHANGED SIGNIFICANTLY SINCE YESTERDAY. AN IMPORTANCE ONE BRIGHT FLARE WAS OBSERVED AT 1608Z AT S30 W50 WITH ASSOCIATED MODERATE RADIO EMISSION. THE SPOT GROUP THERE HAS DEVELOPED SLIGHTLY SINCE YESTERDAY AND THE PLAGE IS BRIGHT WITH SOME FINE STRUCTURE. SPOT DEVELOPMENT HAS ALSO BEEN OBSERVED AT S20 W18 S28 E27 AND N18 W57. AND SUBFLARE ACTIVITY HAS BEEN REPORTED FROM ALL OF THESE REGIONS. A SMALL NEW SPOT GROUP HAS BEEN REPORTED AT N08 E52.

B. MAJOR FLARE ACTIVITY IS POSSIBLE FROM THE REGIONS AT N24 W70 S30 W50 AND N18 W57. MINOR FLARES AS LARGE AS IMPORTANCE ONE ARE EXPECTED FROM ALL THE ABOVE MENTIONED REGIONS.

FORECASTS FOR NOV 30 AND DEC 1-2

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 60/60/50
IMPORTANCE THREE OR GREATER 10/10/8
PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY IS 158. PREDICTED 158/156/152
BT

NNNNUV

PP KGFF

DE BOU 292313Z

-THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 729B ISSUED 2300Z NOVEMBER 29 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. REGIONS AT N18 W60 CMA N24 W73 AND S30 W53 CONTINUE TO PRODUCE
MINOR FLARE ACTIVITY. THESE REGIONS ARE BRIGHT IN MONOCHROMATIC
WAVELENGTHS AND APPEAR CAPABLE OF SUSTAINING MAJOR FLARES. THE
REGION AT S30 W53 HAS MODERATELY COMPLICATED FINE STRUCTURE
CHARACTERISTICS AND FLARES OCCURRING IN THIS AREA HAVE BEEN
ASSOCIATED WITH RELATIVELY STRONG X-RAY EMISSION.

B. MAJOR FLARES ARE POSSIBLE FROM THE REGIONS AT N18 W60 CMA
N24 W73 AND S30 W53. MAJOR FLARES OCCURRING WITHIN THE
REGION AT S30 W53 ARE LIKELY TO COVER MAGNETICALLY STRONG SPOT
AREAS HENCE ARE LIKELY TO PRODUCE STRONG X-RAY AND RADIO
EMISSION EFFECTS.

FORECASTS FOR NOV 30-DEC 2

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 60/60/50

IMPORTANCE THREE OR GREATER 10/10/8

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY 158. PREDICTED 158/156/150.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 11. TODAY ABOUT 10.
PREDICTED AP UNDER 10/10-15/10-15.

BT