

ESSA/SPACE DISTURBANCE
FORECAST CENTER

NOV 30 04 51 267

NNNUUV
PP KGFF
DE BOU 300500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 729C ISSUED 0500Z NOVEMBER 30 1967
MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS
BT

NNNNV
HNXX CYKX 300450Z
QQ 00770

UUV
PP KGFF
DE BOU 301100Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 729D ISSUED AT 1100Z NOVEMBER 30, 1967
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS
BT

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NNNNUUV
PP KGFF
DE BOU 30/1715Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 730A ISSUED AT 1700Z NOV 30 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12HHOURS

A. THE MAIN CENTERS OF ACTIVITY ARE NOW IN THE SOUTHERN HEMISPHERE. THE REGION AT S30 W55H PRODUCED ONE NORMAL FLARES TODAY AT 0340Z 0431Z AND 0843Z. THE FLARE AT 0431Z MAY HAVE BEEN GREATER THAN ONE NORMAL. HOWEVER NO LARGE RADIO OR IONOSPHERIC EVENTS HAVE OCCURRED. OTHER ONE NORMAL FLARES WERE OBSERVED AT N22 W75H AND S20 W30.

B. THE BEST SOURCE OF MAJOR FLARES SHOULD BE THE REGION AT S30 W55. THE LARGE REGION NOW PASSING OVER WEST LIMB MAY PRODUCE INTERESTING LIMB EVENTS.

FORECASTS FOR DEC 1-3

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 60/50/30
IMPORTANCE THREE OR GREATER 10/5/5
PROTON EVENTS 10/5/5

D. OTTAWA 10.7 CM FLUX TODAY WAS 154. PREDICTED 150/142/136.
BT

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NNNNUV
PP KGFF
DE BOU 302323Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 730B ISSUED 2300Z NOVEMBER 30 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS
A. AN ADDITIONAL IMPORTANCE ONE FLARE WAS REPORTED IN THE S29W69
REGION AT 1340Z. AT 1943Z A SUBFLARE BEGAN IN THIS REGION WHICH
HAD AN UNUSUALLY LONG DURATION OF ABOUT ONE HOUR AND THREE
OBSERVED MAXIMA. THIS EVENT IS INTERESTING BECAUSE IT PRODUCED A
RELATIVELY SEVERE IONOSPHERIC DISTURBANCE WHICH ALSO LASTED ABOUT
ONE HOUR. THE SPOT GROUP AT S29W65 WAS MEASURED AS F/ABOUT 500
TODAY AND THE ASSOCIATED HYDROGEN PLAGE IS THE BRIGHTEST ON THE
VISIBLE DISK. FAINT YELLOW LINE CORONA WAS OBSERVED ASSOCIATED WITH
THE DECAYING REGION NEAR N20W75. THE LEADING EDGE OF THIS REGION IS
NOW BEGINNING WEST LIMB PASSAGE. AN IMPORTANCE ONE FLARE OCCURRED
AT 1628Z IN THE RELATIVELY STABLE REGION NEAR S20W37.

B. MAJOR FLARES ARE POSSIBLE FROM THE S29W69 REGION HOWEVER SUCH
ACTIVITY DOES NOT APPEAR TO BE IMMINENT. THE OTHER REGIONS ARE NOT
EXPECTED TO PRODUCE FLARES LARGER THAN IMPORTANCE ONE.

FORECASTS FOR DECEMBER 1-3

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 30/25/10
IMPORTANCE THREE OR GREATER 5/5/2

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX TODAY 154. PREDICTED 150/142/136.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 10. TODAY ABOUT 10.
PREDICTED AP 10-15/08-12/UNDER 10.

BT

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