

NNNNUUUV

PP KGFF

DE BOU 030500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 763C ISSUED 0500 JAN 3 1968

MAJOR FLARES ARE LIKELY DURING THE NEXT 12 HOURS

BT

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PP KGFF
DE BOU 031100Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 763D ISSUED AT 1100Z JAN 3 1968
MAJOR FLARES ARE LIKELY DURING THE NEXT 12 HOURS
BT

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 764A ISSUED 1700Z JANUARY 03 1968

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. NO SIGNIFICANT FLARE ACTIVITY HAS BEEN REPORTED FOR THE PAST 24 HOURS. AN IMPORTANCE ONE FLARE WAS REPORTED NEAR S26W42 AT 1515Z TODAY. NO IMPORTANT CHANGES HAVE BEEN OBSERVED IN THIS REGION WHICH IS CENTERED NEAR S27W32. ITS SPOT GROUP REMAINS LARGE AND MODERATELY COMPLEX AND THE H-PLAGE IS COMPACT CMMA MODERATELY BRIGHT AND FLUCTUATING. THE SPOT GROUP NEAR S23E67 IS NOW TENTATIVELY MEASURED AS D/800 AND IS COMPLEX WITH AN UNUSUALLY HIGH INCLINATION ANGLE. OBSERVING CONDITIONS STILL LIMIT INFORMATION OF THIS REGION BUT THE H-PLAGE APPEARS TO BE COMPLEX CONTAINING SEVERAL BRIGHT POINTS. THE H-PLAGE EXTENDS SOUTHEASTWARD FROM THIS REGION TOWARDS THE LIMB AND ENCOMPASSES ANOTHER LARGE SPOT GROUP NEAR S30E85. IN WHITE LIGHT THE FACULAE THROUGHOUT THIS ACTIVE CENTER IS VERY BRIGHT. A TINY SPOT GROUP HAS NOW APPEARED ASSOCIATED WITH THE BRIGHT PLAGE AREA NEAR N20E63. THE MINOR GEOMAGNETIC STORM HAS NOW SUBSIDED.

B. THE REGION EXTENDING FROM S23E60 TO THE SOUTHEAST LIMB HAS THE APPEARANCE OF A MAJOR FLARE AND POSSIBLY A PROTON FLARE PRODUCER. ITS PROTON PRODUCING CAPABILITIES CAN NOT YET BE EVALUATED DUE TO INSUFFICIENT DATA. INFREQUENT MAJOR FLARES ARE STILL EXPECTED FROM THE S27W32 REGION. DEVELOPING CENTERS NEAR S19E48 S15W48 AND N20E63 ARE EXPECTED TO PRODUCE FLARES AS LARGE AS IMPORTANCE ONE.

FORECASTS FOR JANUARY 04-06

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 70/70/70
IMPORTANCE THREE OR GREATER 10/10/10
PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUX TODAY IS 186. PREDICTED 195/200/202.
BT

SPACE DISTURBANCE
CAST CENTER
JAN 23 2 5 268

NNNNUUUV
PP KGFF
DE BOU 032320Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 764B ISSUED 2300Z 03 JANUARY 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. ONLY SMALL FLARES HAVE BEEN REPORTED SINCE SDF 764A INCLUDING
IMPORTANCE ONE FLARES AT 2000Z AT N22E60 AND AT 2134Z AT N14E90.
SUNSPOT MAGNETIC MEASUREMENTS MADE WITH EXTREMELY POOR OBSERVING
CONDITIONS INDICATE THAT ALL VISIBLE SPOT GROUPS ARE OF SIMPLE
MAGNETIC CHARACTER CMMA HOWEVER THE S23E56 SPOT GROUP IS UNUSUAL
BECAUSE OF ITS NORTH-SOUTH MAGNETIC ORIENTATION. THERE IS SOME
PROMINENCE EVIDENCE OF ANOTHER REGION DUE TO ROTATE ONTO THE EAST
LIMB NEAR N10.

B. MAJOR FLARES ARE EXPECTED FROM THE S23E56 REGION AND ARE
POSSIBLE FROM THE S27W36 REGION.

FORECASTS FOR JANUARY 04-06

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 70/70/70

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX TODAY 186. PREDICTED 195/200/202.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 32. TODAY ABOUT 08.

PREDICTED AP ALL UNDER 10.

BT

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