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PP KGFF

DE BOU 120500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 711C ISSUED 0500Z NOVEMBER 12 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

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PP KGFF
DE BOU 121100Z
THIS MESSAGE FOR REFILE

SDF NUMBER 711D ISSUED 1100Z 11 NOV 67
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS
BT

SPACE DISTURBANCE
CAST CENTER

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PP KGFF
DE BOU 121750Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 712A ISSUED 1700Z 12 NOVEMBER 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. IMPORTANCE ONE FLARES WERE REPORTED FROM THE N12 W16
REGION AT 0840Z AND 1650Z TODAY. THE LATTER FLARE PRODUCED
MODERATELY STRONG IONOSPHERIC EFFECTS. THE SPOT GROUP IN
THIS REGION HAS TRIPLED IN AREA SINCE YESTERDAY AND IS
NOW CLASS/AREA D/150. AT 0530Z AN IMPORTANCE ONE FLARE
WAS REPORTED FROM S22 W16 ASSOCIATED WITH THE REGION WHICH
ROTATED OVER THE LIMB YESTERDAY. THIS FLARE ALSO PRODUCED
MODERATE IONOSPHERIC EFFECTS. THE LEADING EDGE IS NOW
VISIBLE OF THE REGION WHICH WAS EXPECTED TO RETURN TO NORTHEAST
LIMB. SPOT GROUPS OF H/200 AND C/10 ARE VISIBLE AT N09 E81
AND N17 E76 RESPECTIVELY. MINOR PROMINENCE ACTIVITY HAS BEEN
OBSERVED AT THE LIMB ASSOCIATED WITH THIS REGION.

B. IF THE N12 W16 REGION CONTINUES ITS PRESENT RATE OF
GROWTH IT CAN BE EXPECTED TO PRODUCE FLARES AS LARGE AS
IMPORTANCE TWO. INFORMATION REGARDING THE REGION RETURNING
TO NORTHEAST LIMB IS INCOMPLETE. THAT WHICH IS AVAILABLE
INDICATES THAT FOLLOWING PORTIONS OF THE REGION (DUE
TO APPEAR IN THE NEXT 24-36 HOURS) SHOULD BE VERY
ACTIVE.

FORECASTS FOR NOVEMBER 13-15

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 30/40/50

IMPORTANCE THREE OR GREATER 10/10/15

PROTON EVENTS 5/10/10

D. OTTAWA 10.7 CM FLUX TODAY 128. PREDICTED 138/145/150.

BT

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PP KGFF
DE BOU 122330Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 712B ISSUED 2300Z NOV 12 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS.

A. NO SIGNIFICANT FLARE ACTIVITY HAS BEEN REPORTED SINCE 1700Z. THE DEVELOPING REGION NEAR N12W20 NOW CONTAINS A WEAK MAGNETIC DELTA CONFIGURATION. THIS REGION HAS ALSO BECOME A WEAK TO MODERATE SOURCE OF 9.1 CM RADIO EMISSION. MODERATELY STRONG 9.1 CM RADIO EMISSION IS NOW BEING OBSERVED FROM N09E50 ASSOCIATED WITH THE REGION RETURNING THERE. CORONAL DATA FOR THE REGION HAS NOT BEEN RECEIVED. PORTIONS OF THE REGION VISIBLE AT THIS TIME DO NOT APPEAR TO BE ACTIVE. A TINY NEW SPOT GROUP HAS DEVELOPED AT S19E21.

B. MAJOR ACTIVITY IS ANTICIPATED IN PORTIONS OF THE REGION YET TO ROTATE AROUND THE NORTHEAST LIMB. THE REGION AT N12W20 APPEARS TO BE CAPABLE OF FLARES AS LARGE AS IMPORTANCE TWO.

FORECASTS FOR NOV 13-15

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 30/40/50

IMPORTANCE THREE OR GREATER 10/10/15

PROTON EVENTS 5/10/10

D. OTTAWA 10.7 CM FLUX TODAY 128. PREDICTED 138/145/150.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 9. TODAY ABOUT 20.

PREDICTED AP 8-12/8-12/UNDER 10.

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