

HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 345

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100 TO 11/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4708 (N03E50) REMAINS AS THE ONLY SPOTTED REGION AND IS THEREFORE CONSIDERED TO BE THE SOURCE OF THE INFREQUENT CLASS B XRAY IMPULSES. THE REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 12 DEC-14 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 DEC 079

PREDICTED 12 DEC-14 DEC 080/080/080

90 DAY MEAN 11 DEC 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 DEC 017/019

ESTIMATED AFR/AP 11 DEC 010/020

PREDICTED AFR/AP 12 DEC-14 DEC 010/020-010/020-008/015

SOLTERWARN

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