

HFUS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 344

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL. REGION 4708 (N04E63) APPEARS TO BE FULLY ON THE DISK AND IS A SMALL C TYPE GROUP. SLOW GROWTH MAY BE OCCURRING BUT IT STILL ONLY CONSIST OF FOUR SPOTS. 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 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD BECAME UNSETTLED TO ACTIVE EARLY IN THE DAY AND IS PRESENTLY AT UNSETTLED TO ACTIVE LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN AT UNSETTLED TO ACTIVE LEVELS AS IT CONTINUES TO REFLECT THE RECURRENCE PATTERN.

III. EVENT PROBABILITIES 11 DEC-13 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 DEC 078

PREDICTED 11 DEC-13 DEC 079/079/079

90 DAY MEAN 10 DEC 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 DEC 005/007

ESTIMATED AFR/AP 10 DEC 015/025

PREDICTED AFR/AP 11 DEC-13 DEC 012/025-010/015-010/010

SOLTERWARN

BT