

HFUS3 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 358

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 23/2100 TO 24/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z: THE GEOMAGNETIC ACTIVITY WAS ACTIVE TO UNSETTLED. AN ISOLATED MINOR STORM CONDITION OCCURRED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC ACTIVITY IS EXPECTED TO BE AT ACTIVE TO MINOR STORM LEVELS BASED ON RECURRENCE.

III. EVENT PROBABILITIES 25 DEC-27 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 DEC 072

PREDICTED 25 DEC-27 DEC 071/070/070

90 DAY MEAN 24 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 DEC 003/007

ESTIMATED AFR/AP 24 DEC 011/015

PREDICTED AFR/AP 25 DEC-27 DEC 016/030-023/030-027/030

SOLTERWARN

BT