

HFUS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 357

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: THE SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD WAS QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE THE FIRST HALF OF THE PERIOD, WITH AN INCREASE TO ACTIVE TO MINOR STORM CONDITIONS THE LAST HALF. THIS DISTURBANCE IS BASED ON RECURRENCE.

III. EVENT PROBABILITIES 24 DEC-26 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 DEC 074

PREDICTED 24 DEC-26 DEC 072/071/070

90 DAY MEAN 23 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 DEC 005/008

ESTIMATED AFR/AP 23 DEC 003/006

PREDICTED AFR/AP 24 DEC-26 DEC 011/015-016/030-023/030

SOLTERWARN

BT