

HFUS3 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 366

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 31 DEC 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100 TO 31/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THERE ARE NO SPOTS VISIBLE ON THE SOLAR DISK.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 31/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE AT ALL LATITUDES FOR THE FIRST TWO DAYS OF THE FORECAST PERIOD. ON THE 3RD OF JANUARY THE FIELD SHOULD BE GENERALLY UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 01 JAN-03 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 DEC 072

PREDICTED 01 JAN-03 JAN 072/072/073

90 DAY MEAN 31 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 DEC 019/021

ESTIMATED AFR/AP 31 DEC 017/025

PREDICTED AFR/AP 01 JAN-03 JAN 015/020-015/020-014/015

SOLTERWARN

BT