

HFUS 3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 002

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 JAN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100 TO 02/2100Z: SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 4384 (N15W40) REMAINS AS THE ONLY SPOTTED REGION ON THE DISK. GROWTH HAS OCCURRED IN THIS REGION DURING THE PAST 24 HOURS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH SHORT PERIODS AT STORM LEVEL.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE FIELD IS EXPECTED TO BE GENERALLY ACTIVE FOR THE NEXT 36-48 HOURS AND THEN BECOME UNSETTLED.

III. EVENT PROBABILITIES 03 JAN-05 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JAN 091

PREDICTED 03 JAN-05 JAN 092/092/092

90 DAY MEAN 02 JAN 099

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 JAN 022/029

ESTIMATED AFR/AP 02 JAN 021/025

PREDICTED AFR/AP 03 JAN-05 JAN 020/025-015/020-010/015

SOLTERWARN

BT

MAGALERT MINOR 03/XX