

HFUSS3 BOULDER 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO.

SDF NUMBER 027

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 JAN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100 TO 27/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THERE ARE NO SPOTTED REGIONS VISIBLE ON THE SOLAR DISK TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE LEVELS THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 28 JAN-30 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JAN 072

PREDICTED 28 JAN-30 JAN 070/070/069

90 DAY MEAN 27 JAN 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 JAN 005/007

ESTIMATED AFR/AP 27 JAN 010/008

PREDICTED AFR/AP 28 JAN-30 JAN 018/015-015/015-015/015

SOLTERWARN

BT