

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 030

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 JAN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW.

THERE ARE NO NUMBERED REGIONS ON THE VISIBLE SOLAR DISK TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD WAS AT ACTIVE LEVELS WITH MINOR TO MAJOR STORM CONDITIONS AT THE HIGHER LATITUDES DURING THE NIGHTTIME SECTORS. THE FIELD HAS BECOME UNSETTLED SINCE 30/1200Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED WITH ISOLATED PERIODS OF ACTIVE LEVELS AT THE HIGHER LATITUDES THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 JAN-02 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JAN 070

PREDICTED 31 JAN-02 FEB 070/070/070

90 DAY MEAN 30 JAN 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 JAN 017/025

ESTIMATED AFR/AP 30 JAN 015/020

PREDICTED AFR/AP 31 JAN-02 FEB 010/010-010/010-010/010

SOLTERWARN

BT