

HFUS 3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 299

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 OCT 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE VISIBLE DISK FEATURES ARE SMALL, SIMPLE AND STABLE. THE LAST ACTIVITY OF CLASS C MAGNITUDE WAS OBSERVED ON 20 OCT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 27 OCT-29 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 OCT 090

PREDICTED 27 OCT-29 OCT 090/090/092

90 DAY MEAN 26 OCT 118

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 OCT 005/009

ESTIMATED AFR/AP 26 OCT 005/010

PREDICTED AFR/AP 27 OCT-29 OCT 010/010-010/010-015/020

SOLTERWARN

BT