

HFUS3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 233

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100 TO 21/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO SPOTTED REGION WAS OBSERVED ON THE DISK. REGION 4690 (S17W72) DECAYED TO FAINT MARKINGS. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 22 AUG-24 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 AUG 069

PREDICTED 22 AUG-24 AUG 070/071/072

90 DAY MEAN 21 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 AUG 014/018

ESTIMATED AFR/AP 21 AUG 011/013

PREDICTED AFR/AP 22 AUG-24 AUG 014/020-013/020-011/015

SOLTERWARN

BT