

HFUS3 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 208

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 JUL 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100 TO 27/2100Z: SOLAR ACTIVITY WAS VERY LOW. NEWLY ASSIGNED REGION 4681 (S10E65) WAS A SIMPLE ALPHA TYPE. IT PRODUCED A SUBFLARE AT 1426Z.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4680 (N06E71) PROVIDES A SLIGHT CHANCE OF MODERATE ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: GEOMAGNETIC ACTIVITY WAS ACTIVE TO UNSETTLED. MINOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES MIDWAY THROUGH THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED TO ACTIVE. MINOR STORM CONDITIONS ARE POSSIBLE AT HIGH LATITUDES ON THE LAST DAY.

III. EVENT PROBABILITIES 28 JUL-30 JUL

CLASS M 10/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JUL 077

PREDICTED 28 JUL-30 JUL 079/081/083

90 DAY MEAN 27 JUL 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 JUL 016/022

ESTIMATED AFR/AP 27 JUL 016/029

PREDICTED AFR/AP 28 JUL-30 JUL 010/020-010/020-015/030

SOLTERWARN

BT