

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 210

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 JUL 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100 TO 28/2100Z: SOLAR ACTIVITY IS AT A VERY LOW LEVEL. THE ONE REMAINING VISIBLE REGION ~4549 (S17W09)~ IS SLOWLY DECAYING.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD EXPERIENCED BRIEF MINOR STORM CONDITIONS EARLY THIS ZULU DAY BUT THEN DECLINED TO UNSETTLED TO ACTIVE LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 29 JUL-31 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JUL 080

PREDICTED 29 JUL-31 JUL 080/081/083

90 DAY MEAN 28 JUL 108

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 JUL 013/016

ESTIMATED AFR/AP 28 JUL 021/027

PREDICTED AFR/AP 29 JUL-31 JUL 012/020-013/015-014/015

SOLTERWARN

BT