

HFUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 208

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 JUL 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4545 (S07 W83) IS DECAYING AS IT NEARS THE WEST LIMB AND REGION 4549 (S18 E19) IS STILL SMALL AND SIMPLE. THE SPOT GROUP WITH REGION 4550 (N02 E25) DISAPPEARED EARLIER TODAY.

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 WAS GENERALLY UNSETTLED DURING THE PAST 24 HOURS.

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

III. EVENT PROBABILITIES 27 JUL-29 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JUL 081

PREDICTED 27 JUL-29 JUL 081/080/080

90 DAY MEAN 26 JUL 110

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 JUL 009/012

ESTIMATED AFR/AP 26 JUL 013/013

PREDICTED AFR/AP 27 JUL-29 JUL 011/015-013/020-012/015

SOLTERWARN

BT