

HFUS3 BOU 252200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 207

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 25 JUL 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100
TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE SPOT GROUP
THAT WAS IN REGION 4546 HAS DISSIPATED WHICH GIVES A TOTAL OF
FOUR REGIONS WITH SPOT GROUPS. THERE HAS BEEN NO SIGNIFICANT
CHANGE IN ANY OF THE OTHER REGIONS SINCE THE LAST REPORT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD BE LOW
THROUGH THE 28TH OF JULY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED AT ALL
LATITUDES DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO REMAIN AT UNSETTLED LEVELS THROUGH THE 27TH OF JULY
AT ALL LATITUDES AND THEN BECOME UNSETTLED TO ACTIVE ON THE
28TH WITH ACTIVE PERIODS PREDOMINATING AT HIGHER LATITUDES.

III. EVENT PROBABILITIES 26 JUL-28 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JUL 083

PREDICTED 26 JUL-28 JUL 084/085/086

90 DAY MEAN 25 JUL 111

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 JUL 014/015

ESTIMATED AFR/AP 25 JUL 009/012

PREDICTED AFR/AP 26 JUL-28 JUL 013/015-011/015-013/020

SOLTERWARN

BT