

HFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 203

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 JUL 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100 TO 22/2100Z: SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL.

REGION 4677 (S13 W12) CONTINUES TO DECLINE. ITS SUNSPOT HAS APPARENTLY SPLIT. SPOTS HAVE APPEARED IN THE SMALL PLAGE NEAR S13 E52 AND THIS GROUP HAS BEEN NUMBERED REGION 4678 (S13 E52).

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE. THE MOST DISTURBED PERIODS ARE EXPECTED ON 25 JULY. RECURRENCE IS THE PRIMARY BASIS FOR THE INCREASE IN ACTIVITY.

III. EVENT PROBABILITIES 23 JUL-25 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JUL 069

PREDICTED 23 JUL-25 JUL 069/069/069

90 DAY MEAN 22 JUL 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 JUL 010/011

ESTIMATED AFR/AP 22 JUL 007/010

PREDICTED AFR/AP 23 JUL-25 JUL 012/020-012/020-015/025

THE BOULDER SPACE ENVIRONMENT SERVICES CENTER WILL HAVE A POWER OUTAGE ON 27 JULY FROM 1300 TO 2300UT. TELEX AND AUTODIN

TRANSMISSION OF ROUTINE SESC PRODUCTS SCHEDULED DURING THIS TIME WILL BE DELAYED UNTIL POWER IS RESTORED.

SOLTERWARN

BT