

HFUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 178

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4520 (S15W42) HAS PRODUCED THREE SUB-FAINT FLARES DURING THE PAST 24 HOURS. X-RAY LEVELS HAVE REMAINED BELOW CLASS C THRESHOLD. STRUCTURAL CHANGES OCCURRING IN REGION 4520 DO NOT APPEAR, AT THIS TIME, TO BE SIGNIFICANT. REGION 4523 (N05E68) HAS ROTATED ON TO THE DISK AS A UNIPOLAR GROUP WITH FAINT PLAGE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 JUN-29 JUN

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JUN 097

PREDICTED 27 JUN-29 JUN 096/094/092

90 DAY MEAN 26 JUN 121

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 JUN 013/016

ESTIMATED AFR/AP 26 JUN 011/012

PREDICTED AFR/AP 27 JUN-29 JUN 010/010-010/015-012/015

SOLTERWARN

BT