

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 204

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 23 JULY 1978

IA. SOLAR ACTIVITY HAS BEEN GENERALLY LOW DURING THE PAST 24 HOURS. THIS LOW LEVEL OF ACTIVITY WAS PUNCTUATED BY A RATHER LONG LIVED C-9 X-RAY BURST AT 231639Z. THE ABSENCE OF OPTICAL DATA AND THE PROFILE OF THE X-RAY TRACE WOULD SUGGEST THAT THIS EVENT OCCURRED BEHIND THE LIMB. THE VISIBLE DISK FEATURES HAVE BEEN MOSTLY STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN GENERALLY LOW.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO UNSETLED, WITH BRIEF INTERVALS OF ACTIVE CONDITIONS ARE EXPECTED DURING THE NEXT 24 TO 48 HOURS.

III. EVENT PROBABILITIES 24 JULY - 26 JULY

CLASS M 10/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JULY 120

PREDICTED 24-26 JULY 117/115/114

90-DAY MEAN 23 JULY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 JULY 08

ESTIMATED AFR/AP 23 JULY 10/10

PREDICTED AFR/AP 24-26 JULY 15/20 - 12/15 - 10/15

SOLTERWARN

BT