

HFUS 1 BOU 252200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 206

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 JULY 1978

I A. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS WITH NO SIGNIFICANT X-RAY ENHANCEMENTS BEING OBSERVED. THE ACTIVE REGIONS CURRENTLY ON THE DISK ARE MAGNETICALLY SIMPLE AND GENERALLY STABLE.

I B. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW DURING THE NEXT 24 HOURS. SEVERAL RETURNING REGIONS ARE DUE TO ROTATE BACK ONTO THE DISK; HOWEVER, THESE REGIONS PRODUCED ONLY SPORADIC ACTIVITY ON THEIR PREVIOUS ROTATIONS.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET DURING THE PAST 24 HOURS. QUIET TO UNSETLED CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS WITH GENERALLY UNSETLED CONDITIONS ON 27-28 JULY.

III. EVENT PROBABILITIES 26 JULY - 28 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JULY 110

PREDICTED 26 JULY - 28 JULY 111/112/112

90-DAY MEAN 25 JULY 145

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JULY .05

ESTIMATED AFR/AP 25 JULY .05/.08

PREDICTED AFR/AP 26 - 28 JULY .10/.12 - .10/.14 - .10/.12

SOLTERWARN

BT