

HFUS 1 BOU 242200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 236

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THERE ARE FIVE QUIET REGIONS ON THE SUN-NONE ARE PARTICULARLY IMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. NO SIGNIFICANT REGIONS ARE DUE TO RETURN IN THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR THE NEXT 3 DAYS. THE FIRST EXPECTED ACTIVITY COULD COME FROM A SUSPECTED CORONAL HOLE WHICH WILL NOT BE IN POSITION TO AFFECT THE EARTH BEFORE 29/30 AUGUST.

III. EVENT PROBABILITIES 25 AUG - 27 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 AUG 103

PREDICTED 25 - 27 AUG 104/106/107

90-DAY MEAN 24 AUG 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 AUG 02

ESTIMATED AFR/AP 24 AUG 04/05

PREDICTED AFR/AP 25 - 27 AUG 05/05 - 05/05 - 05/05

SOLTERWARN