

HFUS 1 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 222

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 10 AUG 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1238 (S26W03) SHOWS SOME SIGNS OF DECAY IN PENUMBRA. IT HAD SEVERAL SUBFLARES. REGION 1242 (N15W06) IS GROWING AND NOW IS A C-TYPE GROUP. IT HAS ALSO HAD SEVERAL NON-ENERGETIC SUBFLARES. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

B. SOLAR ACTIVITY SHOULD BE VERY LOW TO LOW. REGIONS 1238 AND 1242 HAVE THE GREATEST POTENTIAL FOR FLARING ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. SLIGHTLY UNSETLED CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 11 - 13 AUG

CLASS M 25/25/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 AUG 125

PREDICTED 11 - 13 AUG 123/121/119

90-DAY MEAN 10 AUG 136

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 09 AUG 07

ESTIMATED AFR/AP 10 AUG 09/08

PREDICTED AFR/AP 11 - 13 AUG 08/10 - 08/10 - 10/12

SOLTERWARN

BT