

HFUS 1 BOU 002200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1238 (S26E 20) APPEARS TO HAVE MATURED. IT HAD A 1F FLARE AT 1546Z (MAX).

REGION 1242 (N15E 05) IS GROWING AND HAD A STRONG ARCH FILAMENT SYSTEM. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. THE GREATEST POTENTIAL FOR ACTIVITY IS FROM REGIONS 1238 AND 1242.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. CONDITIONS SHOULD BE SLIGHTLY UNSETLED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 10 AUGUST - 12 AUGUST

CLASS M 25 / 25 / 25

CLASS X 01 / 01 / 01

PROTON 01 / 01 / 01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 AUGUST 128

PREDICTED 10-12 AUGUST 130 / 132 / 130

90-DAY MEAN 09 AUGUST 136

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 08 AUGUST 06

ESTIMATED AFR/AP 09 AUGUST 06 / 07

PREDICTED AFR/AP 10-12 AUGUST 08 / 10 - 10 / 07 - 10 / 10

SOLTERWARN

BT