

HFUS 1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 220

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 AUG 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1238 (S26E21)
IS STILL IMPRESSIVE AND THE GRADIENTS SEEM TO BE INCREASING.
IT PRODUCED A C-3 SUBFLARE AT 1510Z (MAX). REGION 1239
(N17E32) HAD A SUBFLARE AT 1438Z (MAX). NEW REGION 1243
(N23W21) IS A B-TYPE GROUP. THE REST OF THE DISK-LIMB IS LITTLE
CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW TO LOW. REGION 1238
HAS THE POTENTIAL FOR PRODUCING SIGNIFICANT FLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. CONDITIONS SHOULD
BE QUIET TO UNSETTLED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 00 - 11 AUG

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 AUG 127

PREDICTED 09 - 11 AUG 129/131/133

90-DAY MEAN 08 AUG 136

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 AUG 09

ESTIMATED AFR/AP 08 AUG 07/07

PREDICTED AFR/AP 09 - 11 AUG 08/08- 10/10 - 10/07

SOLTERWARN