

HFUS 1 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 234

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 22 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1254 (S19W22) HAS SHOWN SOME SPOT AND PENUMBRAL DECAY. IT HAD TWO NON-ENERGETIC SUBFLARES. NEW REGION 1261 (N20W13) IS A C-TYPE BETA GROUP WITH SIX SPOTS. IT HAD A NON-ENERGETIC SUBFLARE. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. NO SIGNIFICANT RETURNING REGIONS ARE EXPECTED FOR THE FORECAST PERIOD.

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

III. EVENT PROBABILITIES 23 AUGUST - 25 AUGUST

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 AUGUST 104

PREDICTED 23-25 AUGUST 104/104/105

90-DAY MEAN 22 AUGUST 133

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 AUGUST 04

ESTIMATED AFR/AP 22 AUGUST 06/06

PREDICTED AFR/AP 23-25 AUGUST 08/07 - 08/07 - 08/09

SOLTERWARN

BT