

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 227

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 15 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN LOW TO OCCASIONALLY MODERATE DURING
THE PAST 24 HOURS. SEVERAL CLASS "C" X-RAY BURST HAVE BEEN NOTED
FROM SEVERAL REGIONS WITH THE LARGEST COMING FROM REGION 1238
(S28W09); A CLASS C-6 AT 151020 U.T. REGION 1238 WILL CROSS THE
WEST LIMB IN ABOUT 48 HOURS. TWO ADDITIONAL REGIONS ARE PRESENT
TODAY; 1255 (N09W42) AND 1254 (S21E70). REGION 1254, A C TYPE
GROUP, IS THE MORE INTERESTING OF THE TWO.

IB. SOLAR ACTIVITY WILL BE GENERALLY LOW FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED. QUIET TO
UNSETTLED CONDITIONS SHOULD PERSIST 16 AUGUST.

III. EVENT PROBABILITIES 16 AUGUST - 18 AUGUST

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 AUGUST 129

PREDICTED 16-18 AUGUST 127/125/123

90-DAY MEAN 15 AUGUST 135

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 AUGUST 08

ESTIMATED AFR/AP 15 AUGUST 05/05

PREDICTED AFR/AP 16-18 AUGUST 08/10 - 10/10 - 10/10

SOLTERWARN