

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 228

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN GENERALLY LOW; HOWEVER, REGION 1238
(S28W 69) PRODUCED AN M-1 CLASS X-RAY BURST ABOUT 16/1327 U.T.
THAT WAS ASSOCIATED WITH A IB FLARE. PRIOR TO THAT TIME,
SEVERAL CLASS C X-RAY BURST WITHOUT OPTICAL CORRELATIONS ARE
BELIEVED TO HAVE COME FROM REGION 1238. REGION 1251 (N46E 16) MAY
BE GROWING SLIGHTLY IN SPOT AREA BUT THE PLAGE IS STILL UNIMPRESSIVE
THE REST OF THE VISIBLE DISK IS LITTLE CHANGED.

IB. SOLAR ACTIVITY WILL REMAIN LOW.

II. THE GEOMAGNETIC FIELD IS QUIET. NO CHANGE EXPECTED

III. EVENT PROBABILITIES 17-19 AUG

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 AUG 121

PREDICTED 17-19 AUG 119/116/114

90-DAY MEAN 16 AUG 135

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 AUG 03

ESTIMATED AFR/AP 16 AUG 05/05

PREDICTED AFR/AP 17-19 AUG 07/10 - 08/10 - 10/10

SOLTERWARN