

HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 230

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 AUG 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.  
REGION 1254 (S19E34) SHOWS SOME DYNAMIC BEHAVIOR BUT IT REMAINS  
BASICALLY A SMALL, SIMPLE REGION.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT 24  
HOURS.

II. THE GEOMAGNETIC FIELD APPEARS TO BE QUITE DEPRESSED.  
THE SATELLITE TRACE OF THE MAGNETIC FIELD SHOWED AN IMPACT  
ABOUT 18/1910Z AND HAS FLUCTUATED SINCE THAT TIME. A SHORT  
LIVED NIGHTTIME DISTURBANCE IS EXPECTED DURING THE NEXT 24  
HOURS.

III. EVENT PROBABILITIES 19 - 21 - AUG

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 AUG 113

PREDICTED 19 - 21 AUG 110/108/107

90-DAY MEAN 18 AUG 134

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 AUG 09

ESTIMATED AFR/AP 18 AUG 11/10

PREDICTED AFR/AP 19 - 21 AUG 17/17 - 10/10 - 08/08

SOLTERWARN

BT