

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

I A. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.  
REGION 1254 (S 19E34) SHOWS SOME DYNAMIC BEHAVIOR BUT IT REMAINS  
BASICALLY A SMALL, SIMPLE REGION.

I B. 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 05/01  
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 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