

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 226

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 AUGUST 1978

IA. SOLAR ACTIVITY CONTINUES LOW. ABOUT 13 SMALL C-CLASS SUBFLARES WERE OBSERVED DURING THE PAST 24 HOURS, BUT ONLY HALF OF THESE WERE IDENTIFIED BY OPTICAL MEANS. REGION 1238 (S27W56) CONTINUED TO PRODUCE SUBFLARES AS IT BEGAN TO DECAY. REGION 1246 (S33W70) HAS ALSO BEEN PRODUCING OCCASIONAL SMALL SUBFLARES.

IB. SOLAR ACTIVITY IS EXPECTED TO BE MAINTAINED AT THIS LOW LEVEL FOR THE NEXT FEW DAYS, AT LEAST. ONLY C-CLASS SUBFLARES SHOULD BE EXPECTED. THERE IS LITTLE LIKELIHOOD M-CLASS FLARES FOR NOW.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET AND IS EXPECTED TO REMAIN QUIET TO MILDLY UNSETTLED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 15 AUGUST - 17 AUGUST

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 AUGUST 130

PREDICTED 15-17 AUGUST 132/132/130

90-DAY MEAN 14 AUGUST 135

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 AUGUST 07

ESTIMATED AFR/AP 14 AUGUST 07/05

PREDICTED AFR/AP 15-17 AUGUST 05/10 - 07/12 - 10/10

SOLTERWARN

BT