

HFUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 238

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 26 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. EARLY IN THE PERIOD SPOTS WERE REPORTED NEAR S08W43. THEY HAVE SINCE VANISHED, AND THE VISIBLE DISK IS AGAIN SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE VERY LOW FOR THE NEXT 72 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD WAS AT UNSETTLED TO MILDLY ACTIVE LEVELS THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT ACTIVE TO MINOR STORM LEVELS BEGINNING THE LATTER PART OF AUGUST 27TH. THAT DISTURBANCE, WHICH SHOULD PERSIST FOR ROUGHLY 24 HOURS, WAS SPAWNED BY A WEAK CORONAL HOLE. THIS RECURRENT FEATURE PASSED CENTRAL MERIDIAN EARLY ON AUGUST 26TH. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 AUG-29 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 AUG 071

PREDICTED 27 AUG-29 AUG 072/072/073

90 DAY MEAN 26 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 AUG 019/030

ESTIMATED AFR/AP 26 AUG 013/015

PREDICTED AFR/AP 27 AUG-29 AUG 025/030-015/025-015/020

SOLTERWARN

BT